MEGAMAN®

TECHNICAL
LUMINAIRES





2026

www.megaman.cc



WHO WE ARE

Artificial light enhances the way we live and work. It brings us safety, comfort and productivity. Originated in Germany, MEGAMAN® is committed to providing light in a way that is truly sustainable, energy saving and of such a quality that it brings a positive difference into the lives of all who use our innovative LED lighting solutions.

MEGAMAN® is proud to be a major lighting brand to have exclusively manufactured low-energy lighting products throughout its entire history, offering more than 25 years of industry expertise and innovation to the lighting market.

Beginning in 1994 with the highly successful production of CFL light sources, MEGAMAN® has evolved to become a complete low-energy LED lighting solutions provider. MEGAMAN® has built a reputation for producing high-performance LED light sources that offer a true replacement for traditional metal halide and halogen – combining quality lighting performance with substantial energy savings.

MEGAMAN® is now applying its market-leading experience to an even wider range of lighting solutions including revolutionary Smart Lighting System and a suite of integrated LED luminaires.

- *INGENIUM*® ZB Smart Lighting Solution provides further energy saving potential for users and allows them have full control of smart devices via mobile app from anywhere in the world
- An extensive range of LED Luminaires are developed for both indoor and outdoor applications across diverse industries
- MEGAMAN®'s lighting products are distributed throughout the world mainly in Europe, Middle East and Asia
- Our advanced Research and Development facilities will ensure a continuous supply of innovative and sustainable lighting products in the market.

MEGAMAN® continues to play a leading role in combating climate change and carbon emissions by pursuing continuous innovation in the production of low-energy lighting solutions.

ABOUT **MEGAMAN®**



Rigorous Quality and Management Systems

All MEGAMAN® products are designed, tested and produced in our own factories in Xiamen, China. Standards have been implemented factory-wide to ensure the MEGAMAN® manufacturing processes deliver innovative, reliable and safe products with high-quality standards now and in the future.

To ensure that MEGAMAN® products comply with the highest quality standards, company manufacturing plants are equipped with their own assembly lines.

The MEGAMAN® business runs under the most stringent management and quality systems. The green elements of the production process are maximised, employee welfare is prioritised and the company is socially responsible to the local community. To continually develop these areas, MEGAMAN® has undertaken a range of international accreditations. These include:

Quality Management System

MEGAMAN® lamps and luminaires are manufactured and certified to ISO 9001:2015.

Product Quality Assurance

MEGAMAN® lamps and luminaires are made using premium quality materials and innovative technologies within stringent control measures, to deliver maximum performance and energy efficiencies.

CE | TÜV Rheinland | DEKRA

CNAS | ISO 9001 | ISO 14001

Innovative and Unique Products

With our patented LED design and technology, the MEGAMAN® LED luminaires and lamps are able to deliver superb performance, including low power consumption, excellent light output and low maintenance costs. They provide the highest quality lighting performance of any LED-based product on the market consuming the same power!

Entering a New Era in LED Lighting and Luminaire Solutions

Unique Features

- Energy efficient replacement for traditional metal halide, CFL, halogen and incandescent luminaires
- Deliver superb lighting performance
- High luminous efficacy up to 109lm/W
- High lumen maintenance: rated lumen maintenance of 70% (L70) at up to 50,000 hours life
- High colour rendering up to Ra97
- High colour temperature consistency
- Long rated life up to 50,000 hours
- Simple installation and servicing
- High energy savings
- No UV and IR radiation

Additional Benefits

- Mercury-free
- Instant start-up
- Wide range of operating temperatures

Applications

- Hospitality
- Retail lighting
- Office
- Residential
- Decorative
- Industrial
- Outdoor

MEGAMAN® MILESTONES

2026 Launched MEGAMAN® dimLINK® technology - a simple and cost-effective solution for step dimming control

2024 MEGAMAN® XChange® lighting solution developed as a cross-platform resolution

2023 Launched *INGENIUM*® MATTER smart lighting, works with various platforms

2022 Infinite IoT lighting solution developed based on Bluetooth Low Energy which is widely adopted in smartphones and tablets

2019 Extended product range of *INGENIUM*® ZB smart lighting released

2018 Launched Dual Beam Technology (DBT) which empowers users to have two beam angles in one LED luminaire or lamp

2016 Launched U-DIM™ technology which offers seamless dimming and is compatible with the widest range of existing dimmers

2015 Being one of the first companies to use plastic extrusion to produce water-proof battens;
Launched *INGENIUM*® ZB smart lighting solution which adopts Zigbee technology

2014 Launched first smart lighting range, *INGENIUM*® BLU;
Industry first full range of Dim to Warm LED products

2013 Integrated LED luminaires introduced

2012 Patented LED module and light engine - TECOH® MHx and TECOH® CFx
TECOH® CFx - World's first 2000lm Zhaga Book2 Certified Light Engine

2011 High R9 Technology first introduced to LED range

2010 Launched the first MEGAMAN® LED Candle and Classic Lamp

2009 Innovative Thermal Conductive Highway™ (TCH) technology incorporated into MEGAMAN® LED reflectors

2008 – **1999** Revolutionary patents and technologies invented for CFL products including: Patented Cooling-Tube technology, Silicone Protection technology, Award-winning industry first CFL GU10 reflector, Industry first Long Life CFL reaches 15,000 hours lifetime, Dimmable CFLs using DorS Step Dimming and DIMMER*ABLE* Linear Dimming technology, Amalgam technology which prevents the use of liquid mercury.

1997 Industry first candle-shaped CFL launched

1996 Industry first classic-shaped CFL launched

1994 MEGAMAN® incorporated in Germany

MEGAMAN® XChange®



Super Quick Simple and Cost-Effective Maintenance

Thanks to our All-in-One module design, there is no need to identify individual component faults. Simply replace the entire XChange® LED module within 10 seconds, without the need for tools or rewiring. This approach can be more cost-effective over time.

Extended Lifespan

LED luminaires with replaceable MEGAMAN® XChange® light sources module can have a longer overall lifespan because the XChange® light source can be replaced without needing to replace the entire fixture.

Flexibility in Light Quality

Users can choose different settings with selectable colour temperature and lumen output. As well as different LED modules with varying efficacy(lm/w), optics and colour rendering indices (CRI) to suit their specific needs and preferences.

Cross-Platform Compatibility

MEGAMAN® XChange® light module is designed to fit not only dedicated same fixtures but also luminaires in various series and generation across MEGAMAN®, offering versatile and seamless integration.

Sustainability

By replacing only the light source rather than the entire luminaire, minimize the waste created, making it a more environmentally friendly option.

Ease of Upgrade

As LED technology advances, you can easily upgrade to newer, more efficient XChange® LED modules without changing the entire luminaire.

Reduced Downtime

In professional settings, replaceable light sources can minimize downtime since maintenance can be performed quickly and easily. This is particularly beneficial for property management projects.

Customization

Users can tailor the lighting to different applications and environments by selecting appropriate XChange® LED modules.

Future-Proof Solution

With the growing emphasis on repairability in tenders, projects, and funding programs, replaceable light source LED luminaires are designed to meet these requirements. This ensures they remain compliant with evolving regulations and standards.



MEGAMAN®

dimLINK®

TECHNOLOGY

A simple and cost-effective solution for step dimming control of lighting modules or luminaires, synchronized through the linkage of the live (L) and neutral (N) cables.

Why choose **dimLINK®** as your lighting solutions?



Cost-Effective Solution

dimLINK® technology offers an affordable approach to step-dimming communication, reducing initial investment and installation costs compared to other dimming protocol such as 0-10V, DALI, Smart Lighting etc.

Simplicity in Installation

Simple wiring with live (L) and neutral (N) cables same as traditional installation, requiring less wiring compare with other dimming solution and minimizing labour costs.

Reliability and Stability

dimLINK® connections provide very stable and reliable communication without interference or signal dropouts, unlike wireless which can suffer from radio interference

Free Compatibility Concerns

dimLINK® technology are free from compatibility concerns compare with other protocols.

Improved Longevity

Reducing the intensity of lighting when full brightness is not needed can extend the lifespan of lamps and fixtures, lowering maintenance costs.

User-Friendly Operation

Simple user interfaces and control options allow for easy adjustments, enhancing user experience and satisfaction.

Operational Reliability

dimLINK® technology typically offers robust performance with minimal failure rates, ensuring consistent lighting control over time.

MEGAMAN®

dimLINK® Technology

Advantages of **dimLINK®** in **Standby-dim** Application



Energy Savings Without Darkouts

When no motion is detected, the light dims to a preset low-level (e.g., 10 or 30% brightness) instead of turning off completely. This reduces power consumption significantly while maintaining minimal illumination for safety and convenience.

Enhanced Safety

Provides adequate illumination during low-traffic periods, ensuring safe navigation in hallways, parking lots, and public spaces.





Versatile Applications

Ideal for various environments, including offices, warehouses, hospitals, and corridors etc. to diverse lighting needs.

Smooth Transition for User Comfort

Lights dim smoothly to the standby level, avoiding sudden changes or flickering and providing a gentle twilight ambiance. When motion is detected, brightness returns instantly to full power, enhancing user experience and safety.





Customizable Settings

2 steps adjustable dimming level (10% or 30%) and standby duration in dimLINK® sensor to suit specific environments from restrooms and corridors to stairwells and offices.

Advantages of **dimLINK®** in **CBS Emergency** Application

Customizable Settings
A simple solution which applicable with Central Power System / Central Battery System (Power Circuit).

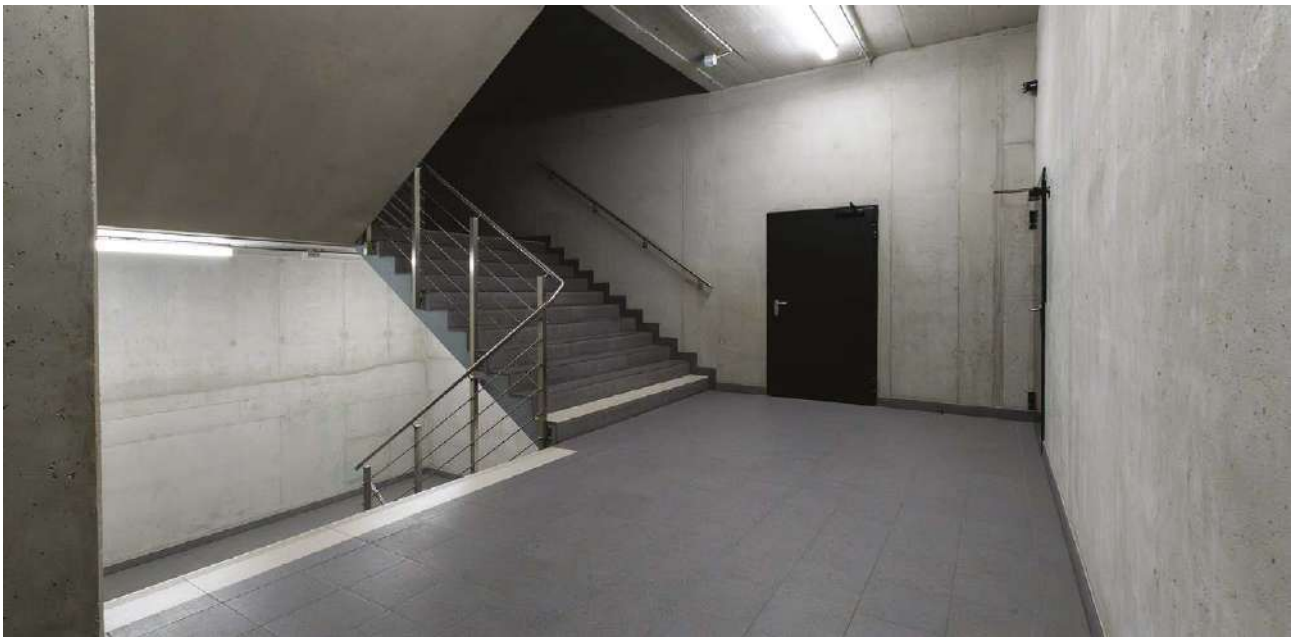
Group Configuration
Simple group control of emergency lighting can be achieved by wiring.

Emergency Dimming
Achieves AC-Control DALI & AC-Control dimming functions.

Enhance Battery Life
Compared to ordinary with DC-compatible luminaires, the Dim-Link consumes less power, enhance central battery live.

Cost Saving
Significant cost saving compares with traditional emergency brightness solution.

EL Approval
EN 60598-2-22:2014



dimLINK® Technology

Applications



Corridors
Illuminates long spaces, enhances safety, conserves energy, provides gentle visibility for wayfinding, and creates a calming atmosphere for occupants.



Stairwells
Enhances safety by providing clear illumination, reducing accidents, and guiding users through multi-level buildings effectively and comfortably.



Parking
Enhances safety during low traffic, conserves energy, improves orientation, and provides a sense of security.



Industrial warehouse
Enhances safety during emergencies, conserves energy, provides orientation, and ensures clarity in low-traffic areas.

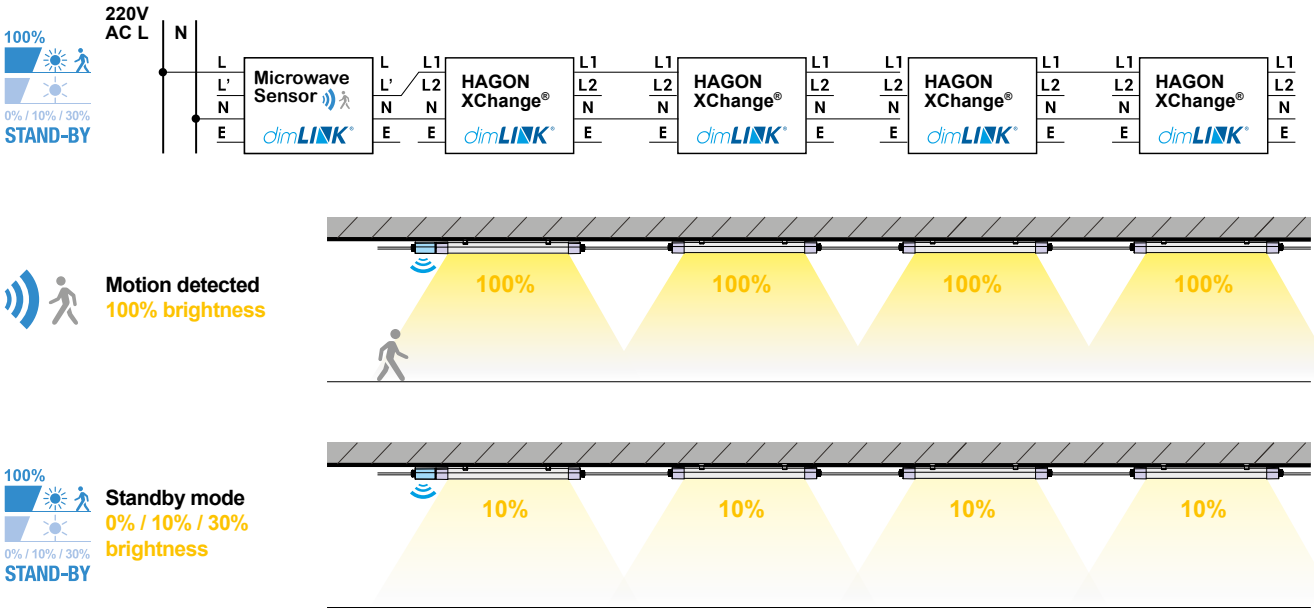


Hospital
Ensures safety during emergencies, minimizes disruption, provides orientation, and fosters a calming atmosphere for patients and staff.

dimLINK® Technology

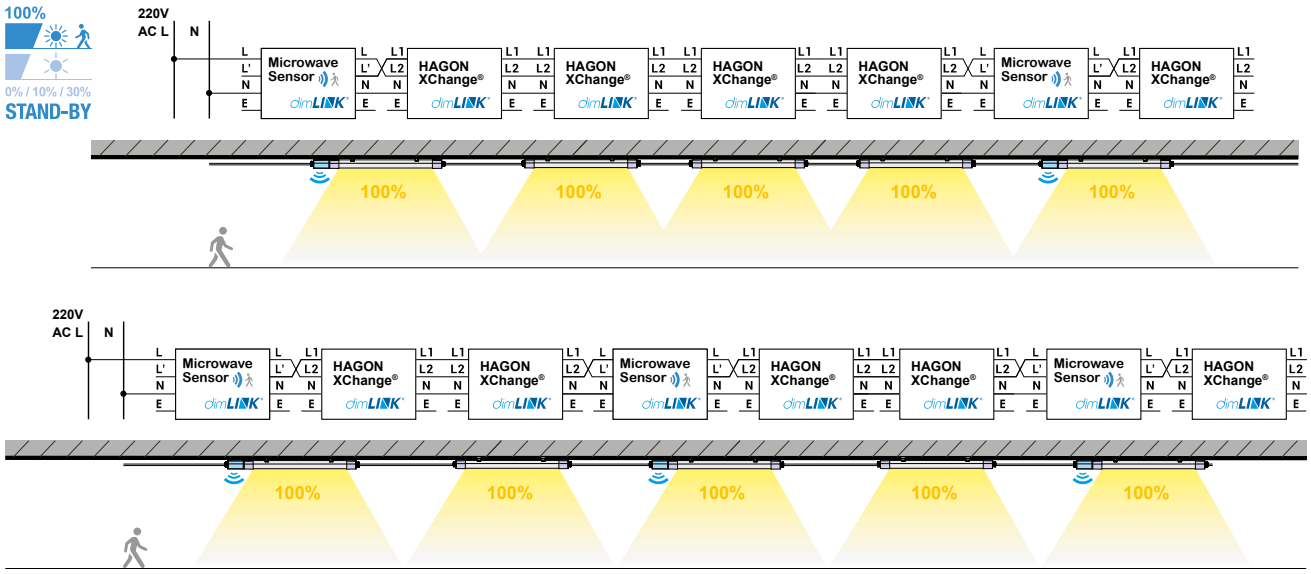
A simple and cost-effective solution for step dimming control of lighting modules or luminaires, synchronized through the linkage of the live (L) and neutral (N) cables.

Example: Apply to HAGON XChange® dimLINK®



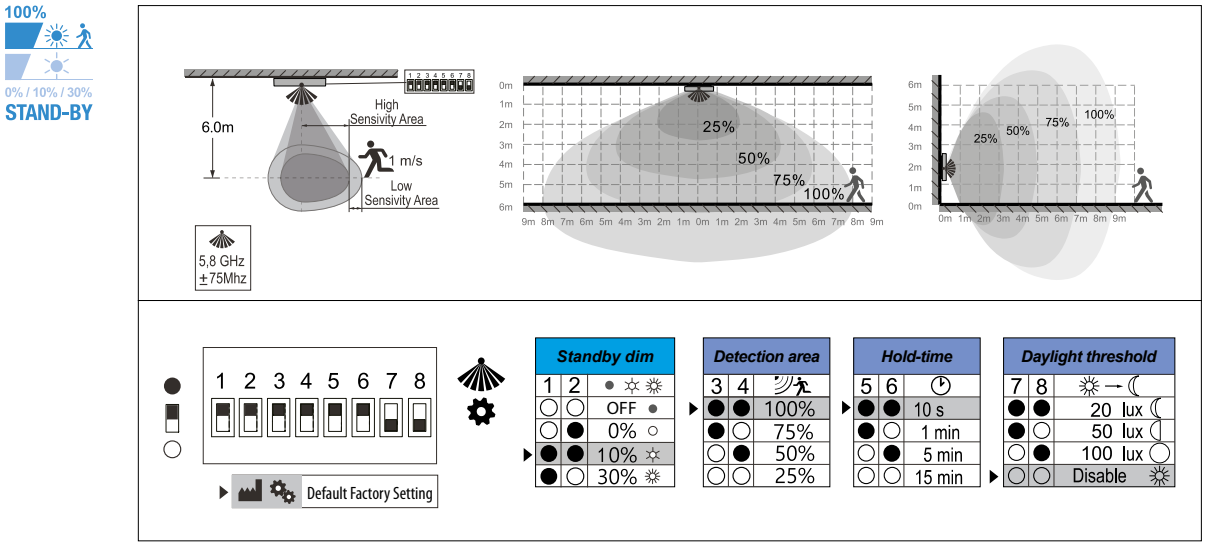
Corridor Function Application

Standby-dim Application

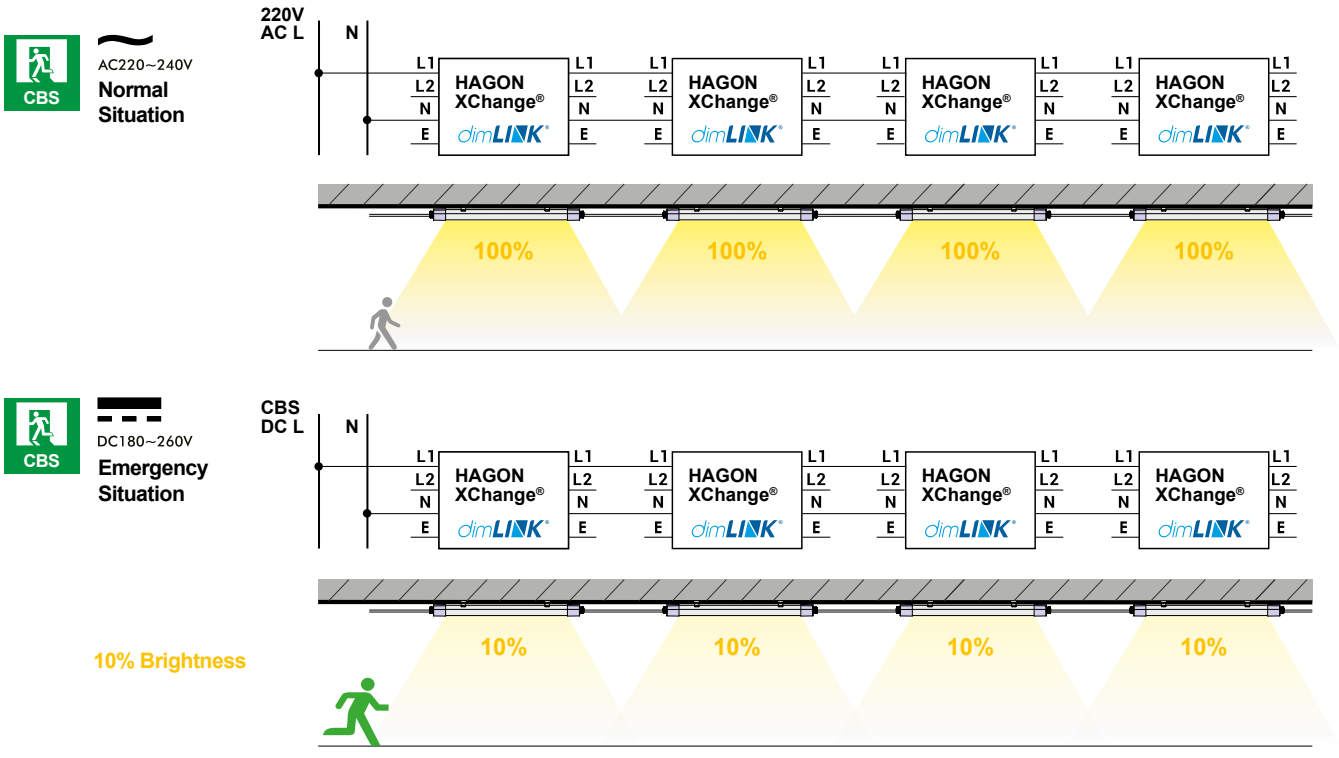


dimLINK® Technology

dimLINK® Microwave Sensor Settings



CBS Emergency Application



dimLINK® Technology

Standby-dim and CBS Emergency Application

100%
0% / 10% / 30%
STAND-BY

Standby-dim Application

CBS

CBS Emergency Application

Motion detected
100% brightness

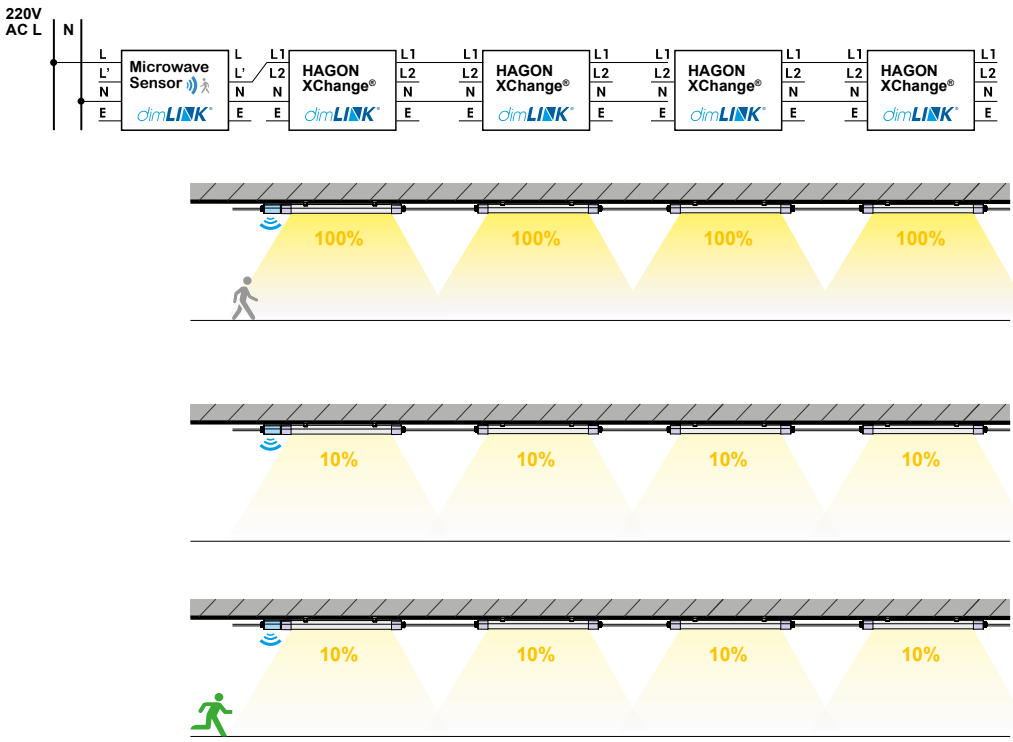
100%
0% / 10% / 30%
STAND-BY

Standby mode
0% / 10% / 30% brightness

DC180~260V

CBS

Emergency Situation
10% brightness



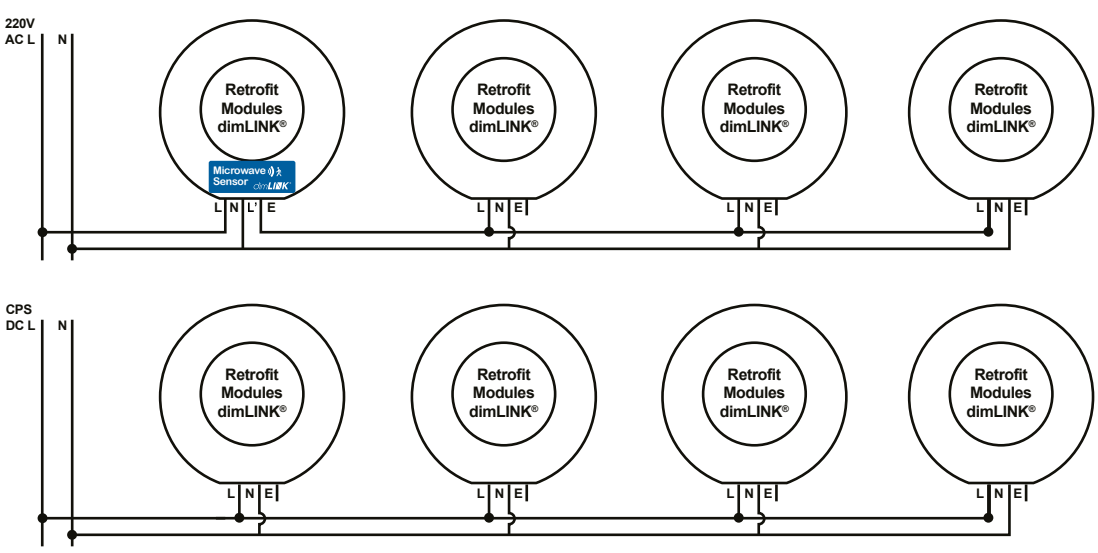
Apply to EasyFix Retrofit dimLINK® Modules / Ceiling Luminaires with dimLINK® function

Standby-dim

100%
0% / 10% / 30%
STAND-BY

DC180~260V
CBS Emergency

CBS



All features mentioned before also applicable to EasyFix Retrofit dimLINK® Modules / Ceiling Luminaires with dimLINK® function

MEGAMAN®

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i Integrated LED luminaire

MEGAMAN®

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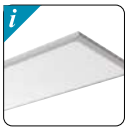

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Integrated LED luminaire

MEGAMAN®

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VENUS 200

Indoor / Water Proof Batten


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ROCCA 2 216 NEW


NARDOS 2 220


ROCCA T8 224 NEW

Emergency Lighting (Self-test version and Manual test version are available)


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i Integrated LED luminaire

MEGAMAN®

CONTENT

Emergency Lighting (Self-test version and Manual test version are available)



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TEMPUS 245

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HUGO 246 NEW



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FONDA XChange® 266



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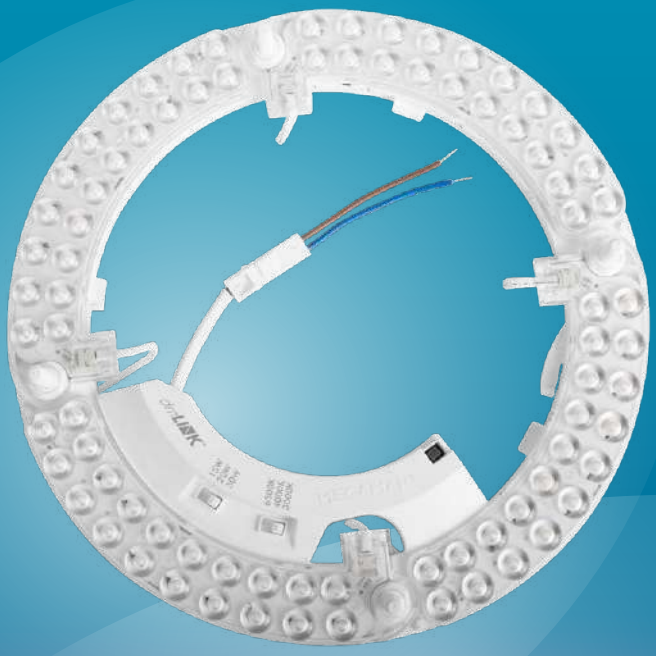
Integrated LED luminaire

MEGAMAN®

Retrofit Module

XChange® EasyFix dimLINK® Module

NEW



Replaceable LED & Driver | XChange® | EasyFix | dimLINK®

MEGAMAN® XChange® EasyFix dimLINK® Module

dimLINK Microwave Motion Sensor | CCT Switchable | Selectable Lumen Output | 100000 hrs | Up to 178 lm/W





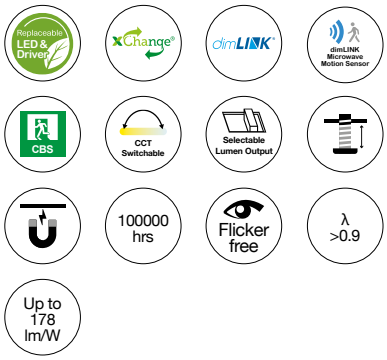
XChange® EasyFix dimLINK® Module



MEGAMAN® XChange® EasyFix dimLINK® Module

Features

- An ideal solution for professional retrofit project, Flexible, upgradeable and future proof.
- Extra-long lifetime up to 100,000 hours L80 B10 at Ta25°C; Extendable life-time
- Replaceable all-in-one light source and driver thanks for MEGAMAN® XChange® solution
- 3 sizes in dia. 130, dia. 157 and dia. 255mm
- Dia. 130 and dia. 157mm module catering bulkhead / ceiling lamp from dia. 200 to 400mm
- Extendable dia. 260 module compatible with 300*300 to 600*600 mm square bulkhead / ceiling lamp, and 300-800mm diameter round ceiling lamp/ bulkhead
- Multi-CCT (3000K/4000K/5700K) by built-in switch
- Multi-lumen output selection (XCD0157, XCD0260 Version)
- Ultra high efficiency, Up to 178lm/w
- Tool-less Plug-and-play modular design enhances flexibility
- Tool-less wiring thanks to push-in terminal and connectors
- All above features offer full aspect of flexibility of stock management
- Homogenous light output with durable plastic cover avoiding yellowish deterioration
- Highly Compatible with conversional and LED ceiling and bulkhead fixture
- Compatible with MEGAMAN® XChange® Ceiling Lamp and Bulkhead series
- Equipped with MEGAMAN® dimLINK® technology - a simple and cost-effective solution for step dimming control of lighting modules or luminaires, synchronized through the linkage of the live (L) and neutral (N) cables.
- Standby dimming synchronized by dimLINK® microwave sensor, Primary / Secondary connection.
- Emergency lighting mode powered by Central battery system / Central power system, thanks for dimLINK technology



Applications

- Living rooms & bathrooms
- Hotels
- Foyers
- Corridors
- Under canopy
- Residential application

MEGAMAN®

Retrofit Module

XChange® EasyFix dimLINK® Module

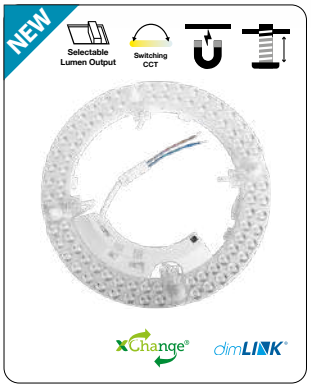
XCD0130AMv01-dl/ds/sc

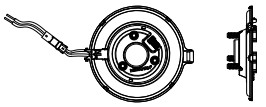


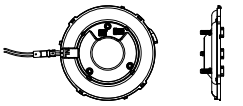
XCD0157AMv01-dl/ds/sc

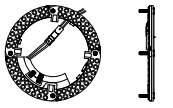


XCD0260AMv00-dl/ds/et/sc
XCD0260AMv01-dl/ds/et/sc









220-240V

Model No.	Wattage (W) (Selectable)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable) [Ra≥80]	Current mA	Dimension (mm)	Rated Life at L70 B50 at Ta25°C (hrs)
XCD0130AMv01-dl/ds/sc	10/6/3	1150/690/345 (3000K) 1200/720/360 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	70/35/13	Ø130 x H41	100000
XCD0157AMv01-dl/ds/sc	20/15/10	2800/2100/1400 (3000K) 3100/2330/1550 (4000K/5700K)	140 (3000K) 155 (4000K/5700K)	3000K/4000K/5700K	145/105/70	Ø157 x H39.5	100000
XCD0260AMv00-dl/ds/et/sc	30/20/15	4200/2800/2100 (3000K) 4650/3100/2350 (4000K/5700K)	140 (3000K) 155 (4000K/5700K)	3000K/4000K/5700K	150/95/70	Ø255 x H40	100000
XCD0260AMv01-dl/ds/et/sc	30/20/15	5100/3400/2550 (3000K) 5400/3600/2700 (4000K/5700K)	165 (3000K) 178 (4000K/5700K)	3000K/4000K/5700K	160/85/60	Ø255 x H40	100000

OPTIONAL ACCESSORIES



LA11323



LA11323+MG



LA10218



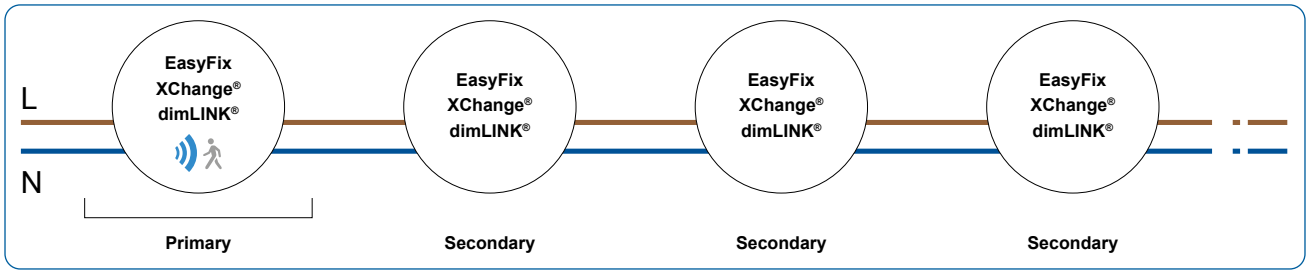
LA11326

Model No.	Description
LA11323	dimLINK® Standby dim Microwave Motion Sensor for XChange® series bulkhead
LA11323+MG	dimLINK® Standby dim Microwave Motion Sensor WITH Magnetic stands for XChange® EasyFix
LA10218	Emergency Kit for XChange® series w/ XCD0130A / XCD0157A
LA11326	Emergency Kit for XChange® series w/ XCD0260A

XChange® EasyFix dimLINK® Module

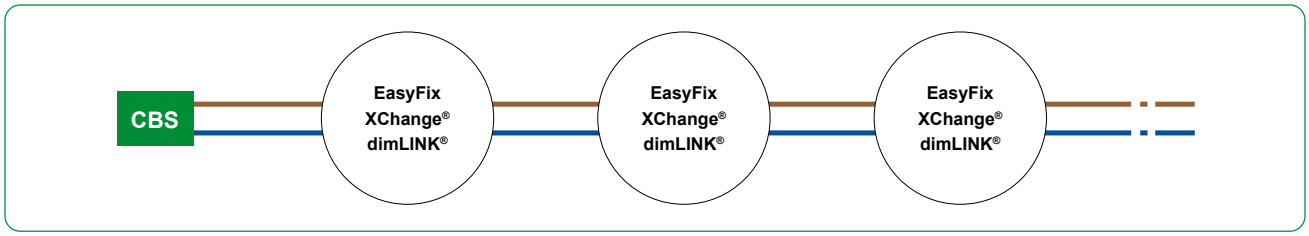
dimLINK® Application

Standby-dim function
When the dimLINK® sensor is applied with the "dimLINK®" luminaire, the entire circuit will achieve the standby dimming function.



Central Battery System (CBS) Application

CBS Emergency
When connected the dimLINK® luminaires to the CBS circuit, the luminaires will dim down during emergency mode (180-260V DC).



Learn more about dimLINK® technology by referring to pages 6 - 13.

RENZO XChange®





MEGAMAN® RENZO XChange®

MEGAMAN® FONDA XChange®

MEGAMAN® XChange® series is a CROSS-PLATFORM design enables interchangeability between light sources and control gear which actualized in **MEGAMAN® FONDA XChange®** and **MEGAMAN® RENZO XChange®** series.

RENZO XChange®



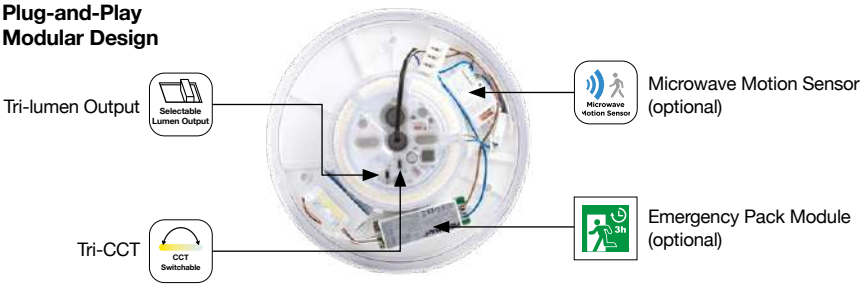
MEGAMAN® RENZO XChange®

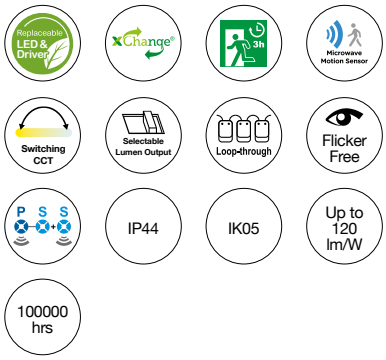
Modular LED Bulkhead

MEGAMAN® RENZO XChange® is designed as replaceable light source and control gear to simplify maintenance and support sustainability. Setting a new standard of eco-friendliness, MEGAMAN® RENZO XChange®'s modular designs minimise electronic waste. Users can replace only the light engine "XChange® module" - including light source and control gear – that are no longer functioning, reducing the environmental impact associated with disposing of entire fixtures. This unique eco-conscious bulkhead is built for convenience and flexibility, featuring a plug-and-play modular structure that incorporates microwave motion sensors and emergency modules.

MEGAMAN® XChange® series is a CROSS-PLATFORM design enables interchangeability between light source and control gear which actualized in MEGAMAN® RENZO XChange® and MEGAMAN® FONDA XChange® series.

Plug-and-Play
Modular Design





Applications

- Hotels
- Bathrooms
- Kitchens
- Corridors
- Residential applications

MEGAMAN®

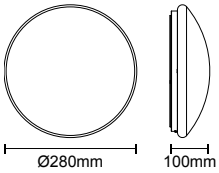
Indoor Lighting / Bulkhead

RENZO XChange®

FCL76100v0-sc
FCL76100v0-sc+LA10217
FCL76100v0-sc+LA10218
FCL76100v0-sc+LA10217+LA10218



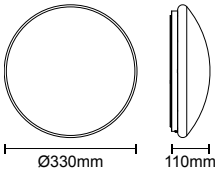
IP44 | Class II | Flicker Free



FCL76200v0-ds/sc
FCL76200v0-ds/sc+LA10217
FCL76200v0-ds/sc+LA10218
FCL76200v0-ds/sc+LA10217+LA10218



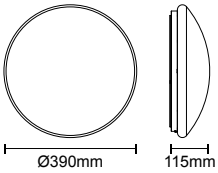
IP44 | Class II | Flicker Free



FCL76300v0-ds/sc
FCL76300v0-ds/sc+LA10217
FCL76300v0-ds/sc+LA10218
FCL76300v0-ds/sc+LA10217+LA10218



IP44 | Class II | Flicker Free



220-240V

Materials : Polypropylene Base, Polystyrene cover

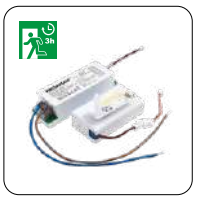
100lm/W Version

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
FCL76100v0-sc	10	930 (3000K) 1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø280 x 100	100000
FCL76100v0-sc+LA10217	10	930 (3000K) 1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø280 x 100	100000
FCL76100v0-sc+LA10218	10	930 (3000K) 1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø280 x 100	100000
FCL76100v0-sc+LA10217+LA10218	10	930 (3000K) 1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø280 x 100	100000
FCL76200v0-ds/sc	20/15/10 Selectable	1860/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø330 x 110	100000
FCL76200v0-ds/sc+LA10217	20/15/10 Selectable	1860/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø330 x 110	100000
FCL76200v0-ds/sc+LA10218	20/15/10 Selectable	1860/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø330 x 110	100000
FCL76200v0-ds/sc+LA10217+LA10218	20/15/10 Selectable	1860/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø330 x 110	100000
FCL76300v0-ds/sc	20/15/10 Selectable	1860/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø390 x 115	100000
FCL76300v0-ds/sc+LA10217	20/15/10 Selectable	1860/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø390 x 115	100000
FCL76300v0-ds/sc+LA10218	20/15/10 Selectable	1860/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø390 x 115	100000
FCL76300v0-ds/sc+LA10217+LA10218	20/15/10 Selectable	1860/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø390 x 115	100000

Accessory



LA10217
Microwave Motion Sensor



LA10218
Emergency Kit Module

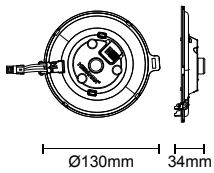
RENZO XChange®

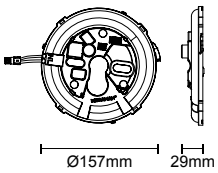
XCD0130A0v00-sc+WB01



XCD0157A0v00-ds/sc+WB02







220-240V

100lm/W Version

Replaceable module for RENZO XChange® & FONDA XChange®	Model No.	Wattage (W)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
100lm/W LED module for D280 replaceable	XCD0130A0v00-sc+WB01	10	1150 (3000K) 1250 (4000K/6500K)	115 (3000K) 125 (4000K/6500K)	3000K/4000K/6500K	Ø130 x 34	100000
100lm/W LED module for D330 & D390 replaceable	XCD0157A0v00-ds/sc+WB02	20/15/10 Selectable	2600/1950/1300 (3000K) 2900/2175/1450 (4000K/6500K)	130 (3000K) 145 (4000K/6500K)	3000K/4000K/6500K	Ø157 x 29	100000

MEGAMAN®

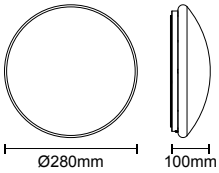
Indoor Lighting / Bulkhead

RENZO XChange®

FCL76100v1-sc
FCL76100v1-sc+LA10217
FCL76100v1-sc+LA10218
FCL76100v1-sc+LA10217+LA10218



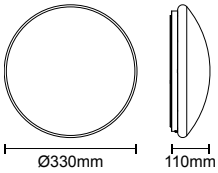
IP44 | Class II | Flicker Free



FCL76200v1-ds/sc
FCL76200v1-ds/sc+LA10217
FCL76200v1-ds/sc+LA10218
FCL76200v1-ds/sc+LA10217+LA10218



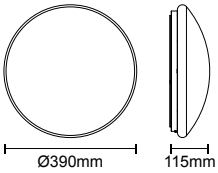
IP44 | Class II | Flicker Free



FCL76300v1-ds/sc
FCL76300v1-ds/sc+LA10217
FCL76300v1-ds/sc+LA10218
FCL76300v1-ds/sc+LA10217+LA10218



IP44 | Class II | Flicker Free



220-240V

Materials : Polypropylene Base, Polystyrene cover

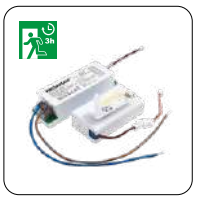
120lm/W Version

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
FCL76100v1-sc	10	1150 (3000K) 1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø280 x 100	100000
FCL76100v1-sc+LA10217	10	1150 (3000K) 1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø280 x 100	100000
FCL76100v1-sc+LA10218	10	1150 (3000K) 1200 (4000K/5000K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø280 x 100	100000
FCL76100v1-sc+LA10217+LA10218	10	1150 (3000K) 1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø280 x 100	100000
FCL76200v0-ds/sc	20/15/10 Selectable	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø330 x 110	100000
FCL76200v0-ds/sc+LA10217	20/15/10 Selectable	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø330 x 110	100000
FCL76200v0-ds/sc+LA10218	20/15/10 Selectable	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø330 x 110	100000
FCL76200v0-ds/sc+LA10217+LA10218	20/15/10 Selectable	2300/1730/1150 (3000K) 2400/1800/1200 (4000K 6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø330 x 110	100000
FCL76300v0-ds/sc	20/15/10 Selectable	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø390 x 115	100000
FCL76300v0-ds/sc+LA10217	20/15/10 Selectable	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø390 x 115	100000
FCL76300v0-ds/sc+LA10218	20/15/10 Selectable	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø390 x 115	100000
FCL76300v0-ds/sc+LA10217+LA10218	20/15/10 Selectable	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K	Ø390 x 115	100000

Accessory



LA10217
Microwave Motion Sensor



LA10218
Emergency Kit Module

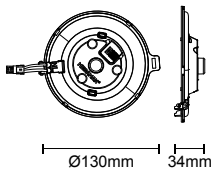
RENZO XChange®

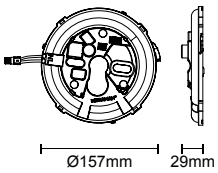
XCD0130A0v01-sc+WB01



XCD0157A0v01-ds/sc+WB02







220-240V

120lm/W Version

Replaceable module for RENZO XChange® & FONDA XChange®	Model No.	Wattage (W)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
120lm/W LED module for D280 replaceable	XCD0130A0v01-sc+WB01	10	1250 (3000K) 1400 (4000K/6500K)	125 (3000K) 140 (4000K/6500K)	3000K/4000K/6500K	Ø130 x 34	100000
120lm/W LED module for D330 & D390 replaceable	XCD0157A0v01-ds/sc+WB02	20/15/10 Selectable	2800/2100/1400 (3000K) 3100/2330/1550 (4000K/6500K)	140 (3000K) 155 (4000K/6500K)	3000K/4000K/6500K	Ø157 x 29	100000

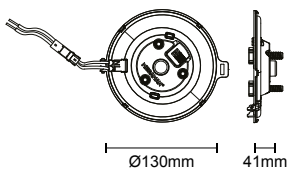
RENZO XChange®

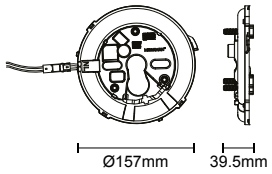
XCD0130AMv00-sc+WB01
XCD0130AMv01-sc+WB01



XCD0157AMv00-ds/sc+WB02
XCD0157AMv01-ds/sc+WB02







220-240V

Replaceable light source with magnetic stand 100lm/W and 120lm/W

Replaceable module with magnetic stand	Model No.	Wattage (W)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable) [Ra≥80]	Dimension (mm)	Rated Life at L70 B50 at Ta25°C (hrs)
Replaceable light source with magnetic stand 100lm/W	XCD0130AMv00-sc+WB01	10	1150 (3000K) 1250 (4000K/6500K)	115 (3000K) 125 (4000K/6500K)	3000K/4000K/6500K	Ø130 x 41	100000
Replaceable light source with magnetic stand 100lm/W	XCD0157AMv00-ds/sc+WB02	20/15/10 Selectable	2600/1950/1300 (3000K) 2900/2175/1450 (4000K/6500K)	130 (3000K) 145 (4000K/6500K)	3000K/4000K/6500K	Ø157 x 39.5	100000
Replaceable light source with magnetic stand 120lm/W	XCD0130AMv01-sc+WB01	10	1250 (3000K) 1400 (4000K/6500K)	125 (3000K) 140 (4000K/6500K)	3000K/4000K/6500K	Ø130 x 41	100000
Replaceable light source with magnetic stand 120lm/W	XCD0157AMv01-ds/sc+WB02	20/15/10 Selectable	2800/2100/1400 (3000K) 3100/2330/1550 (4000K/6500K)	140 (3000K) 155 (4000K/6500K)	3000K/4000K/6500K	Ø157 x 39.5	100000

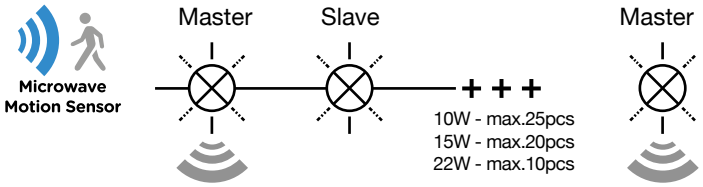
MEGAMAN® RENZO XChange®

Modular LED Bulkhead

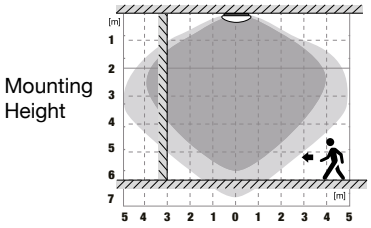


Features

- Cross-Platform design enables interchangeability
- Replaceable light source and control gear to simplify maintenance and support sustainability
- Plug-and-play modular design enhances the installation flexibility
- Compatible to microwave motion sensor and emergency modules in MEGAMAN® RENZO XChange® S, M, L sizes
- Tri-CCT (3000K/4000K/6500K) by integral built-in switch
- Tri-lumen (2400lm/1800lm/1200lm) Output selection for MEGAMAN® RENZO XChange® M and L size respectively
- Efficiency 100lm/W and 120lm/W version available
- All above features offer full aspect of flexibility of stock management
- IP44 & IK03 rated
- High Power factor >0.9
- Flicker free
- Extra long lifetime up to 100,000 hours L80 B10 at Ta25ºC
- Emergency kit with 300lm output energy backup lasting for 3 hours
- MEGAMAN® RENZO XChange® with microwave motion sensor can serve as a master device to control other without sensor device as slaves in a group with loop through wiring connection

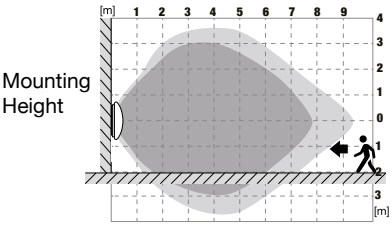


Ceiling Mounted



For ceiling mounted **RENZO XChange®**, microwave sensor can sense movement within around 5m radius horizontally, or 6-7m vertically beneath **RENZO XChange®**, and only lights up when movement sensed for energy saving.

Wall Mounted



For wall mounted **RENZO XChange®**, microwave sensor can sense movement within around 3-4m radius vertically, or 9m front-facing horizontally, and only lights up when movement sensed for energy saving.

RENZO XChange® dimLINK®

NEW



Replaceable LED & Driver

xChange®

dimLINK®

MEGAMAN® RENZO XChange® dimLINK®

Modular LED Bulkhead

dimLINK Microwave Motion Sensor

CBS

CCT Switchable

Selectable Lumen Output

100000 hrs

Up to 155 lm/W



RENZO XChange® dimLINK®



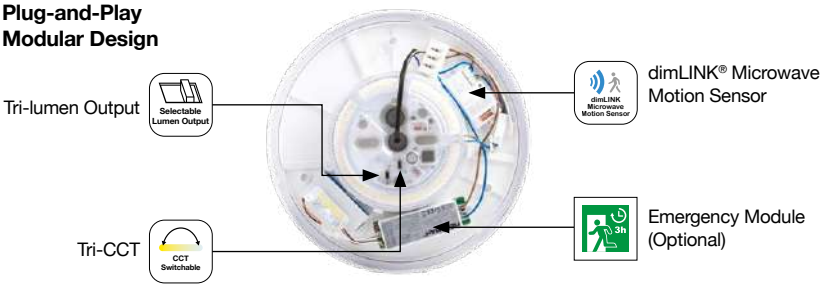
MEGAMAN® RENZO XChange® dimLINK®

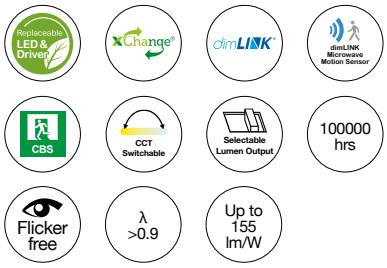
Modular LED Bulkhead

MEGAMAN® RENZO XChange® dimLINK® is designed as replaceable light source and control gear to simplify maintenance and support sustainability. Equipped with MEGAMAN® dimLINK® technology - a simple and cost-effective solution for step dimming control of lighting modules or luminaires, synchronized through the linkage of the live (L) and neutral (N) cables.

Standby dimming synchronized by dimLINK® microwave sensor, Primary / Secondary connection. Emergency lighting mode powered by Central battery system / Central power system, thanks for dimLINK® technology. An ideal solution for professional retrofit project, Flexible, upgradeable and future proof.

Plug-and-Play
Modular Design





Applications

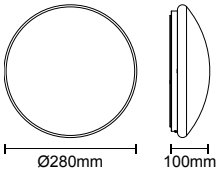
- Living rooms & bathrooms
- Hotels
- Foyers
- Corridors
- Under canopy
- Residential application

RENZO XChange® dimLINK®

FCL76100v0-dl/ds/sc
FCL76100v0-dl/ds/sc+LA11323
FCL76100v0-dl/ds/sc+LA10218
FCL76100v0-dl/ds/sc+LA11323+LA10218



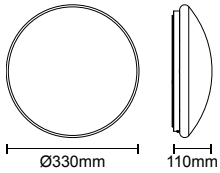
IP44 | Class II | Flicker Free



FCL76200v0-dl/ds/sc
FCL76200v0-dl/ds/sc+LA11323
FCL76200v0-dl/ds/sc+LA10218
FCL76200v0-dl/ds/sc+LA11323+LA10218



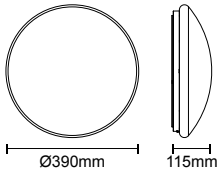
IP44 | Class II | Flicker Free



FCL76300v0-dl/ds/sc
FCL76300v0-dl/ds/sc+LA11323
FCL76300v0-dl/ds/sc+LA10218
FCL76300v0-dl/ds/sc+LA11323+LA10218



IP44 | Class II | Flicker Free



220-240V

Materials : Polypropylene Base, Polystyrene cover

100lm/W Version

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
FCL76100v1-dl/ds/sc	10/6/3	1150/690/345 (3000K) 1200/720/360 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø280 x 100	100000
FCL76100v1-dl/ds/sc+LA11323	10/6/3	1150/690/345 (3000K) 1200/720/360 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø280 x 100	100000
FCL76100v1-dl/ds/sc+LA10218	10/6/3	1150/690/345 (3000K) 1200/720/360 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø280 x 100	100000
FCL76100v1-dl/ds/sc+LA11323+LA10218	10/6/3	1150/690/345 (3000K) 1200/720/360 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø280 x 100	100000
FCL76200v1-dl/ds/sc	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø330 x 110	100000
FCL76200v1-dl/ds/sc+LA11323	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø330 x 110	100000
FCL76200v1-dl/ds/sc+LA10218	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø330 x 110	100000
FCL76200v1-dl/ds/sc+LA11323+LA10218	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø330 x 110	100000
FCL76300v1-dl/ds/sc	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø390 x 115	100000
FCL76300v1-dl/ds/sc+LA11323	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø390 x 115	100000
FCL76300v1-dl/ds/sc+LA10218	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø390 x 115	100000
FCL76300v1-dl/ds/sc+LA11323+LA10218	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	Ø390 x 115	100000

Accessory



LA11323
dimLINK® Microwave Motion Sensor



LA10218
Emergency Kit Module

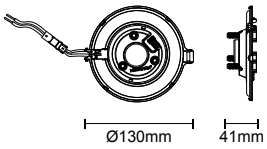
RENZO XChange® dimLINK®

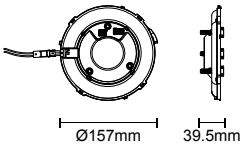
XCD0130AMv01-dl/ds/sc



XCD0157AMv01-dl/ds/sc







220-240V

Model No.	Wattage (W) (Selectable)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable) [Ra≥80]	Current mA	Dimension (mm)	Rated Life at L70 B50 at Ta25°C (hrs)
XCD0130AMv01-dl/ds/sc	10/6/3	1150/690/345 (3000K) 1200/720/360 (4000K/5700K)	115 (3000K) 120 (4000K/5700K)	3000K/4000K/5700K	70/35/13	Ø130 x H41	100000
XCD0157AMv01-dl/ds/sc	20/15/10	2800/2100/1400 (3000K) 3100/2330/1550 (4000K/5700K)	140 (3000K) 155 (4000K/5700K)	3000K/4000K/5700K	145/105/70	Ø157 x H39.5	100000

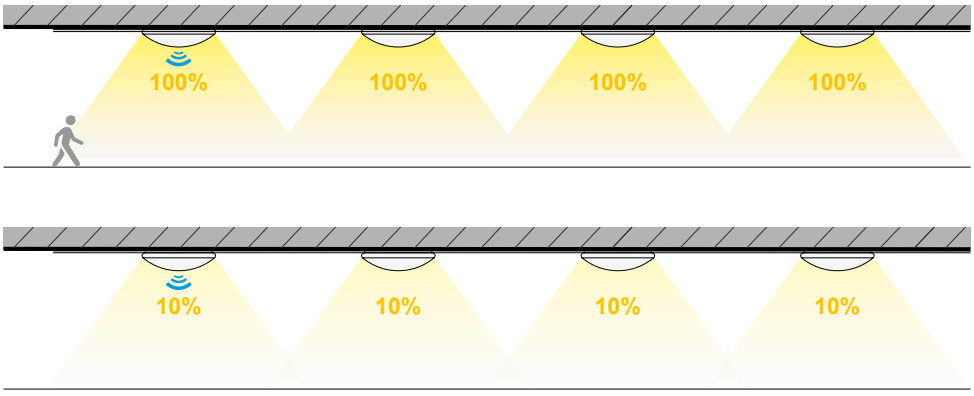
RENZO XChange® dimLINK®

Standby-dim Application

Standby-dim function
When the dimLINK® sensor is applied with the "dimLINK®" luminaire, the entire circuit will achieve the standby dimming function.

Motion detected
100% brightness

Standby mode
0% / 10% / 30% brightness

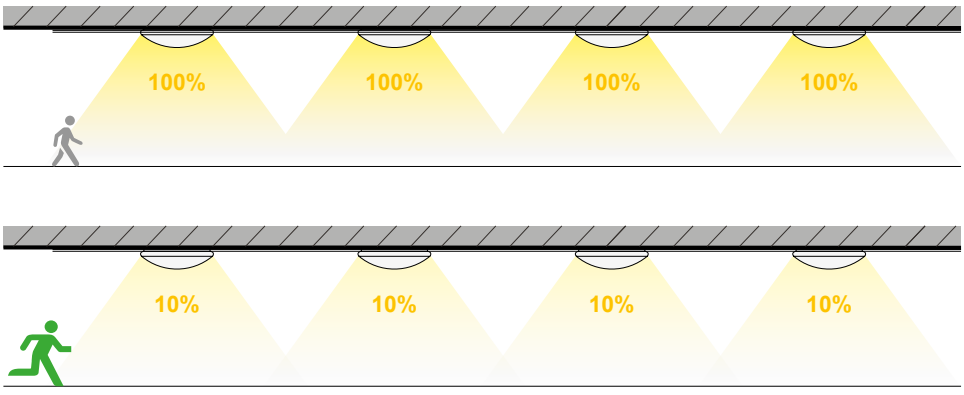


Central Battery System (CBS) Application

CBS Emergency
When connected the dimLINK luminaires to the CBS circuit, the luminaires will dim down during emergency mode (180-260V DC).

AC220~240V
Normal Situation

DC180~260V
Emergency Situation
10% Brightness



Learn more about dimLINK® technology by referring to pages 6 - 13.

RENZO XChange® dimLINK®



RENZO X-Cell

NEW



Replaceable LED & Driver

xChange®

dimLINK®

MEGAMAN® RENZO X-Cell

Modular LED Bulkhead

dimLINK Microwave Motion Sensor

CBS

CCT Switchable

Selectable Lumen Output

IP44

100000 hrs

Up to 100 lm/W





RENZO X-Cell



MEGAMAN® RENZO X-Cell

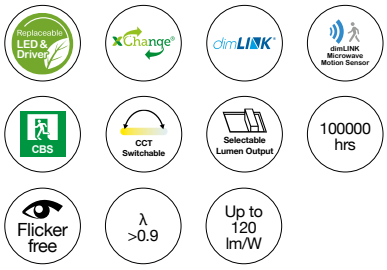
Modular LED Bulkhead

MEGAMAN® RENZO X-Cell is designed as replaceable light source and control gear to simplify maintenance and support sustainability. Equipped with MEGAMAN® dimLINK® technology - a simple and cost-effective solution for step dimming control of lighting modules or luminaires, synchronized through the linkage of the live (L) and neutral (N) cables.

Standby dimming synchronized by dimLINK® microwave sensor, Primary / Secondary connection. Emergency lighting mode powered by Central battery system / Central power system, thanks for dimLINK® technology. An ideal solution for professional retrofit project, Flexible, upgradeable and future proof.

Features

- Integrated dimLINK® feature automatically reduces power during inactivity, boosting energy savings
- Compatible with attachable dimLINK® Microwave Motion Sensor (LA11323 / LA11323+MG) achieve primary and secondary function
- Connect the dimLINK® luminaire to the Central Power System circuit, the luminaires will dim down during emergency mode (180-260V DC)
- Selectable lumen output for all models plus colour temperature switchable version available
- Energy saving
- Flicker free



Applications

- Living rooms & bathrooms
- Hotels
- Foyers
- Corridors
- Under canopy
- Residential application

MEGAMAN®

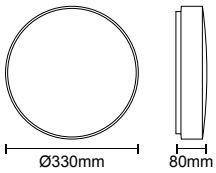
Indoor Lighting / Bulkhead

RENZO X-Cell

FCL77400v0-dl/ds/sc
FCL77400v0-dl/ds/sc+LA11323
FCL77400v0-dl/ds/sc+LA11326
FCL77400v0-dl/ds/sc+LA11323+LA11326



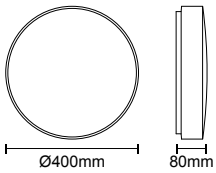
IP44 | Class II | Flicker Free



FCL77500v0-dl/ds/sc
FCL77500v0-dl/ds/sc+LA11323
FCL77500v0-dl/ds/sc+LA11326
FCL77500v0-dl/ds/sc+LA11323+LA11326



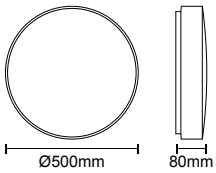
IP44 | Class II | Flicker Free



FCL77600v0-dl/ds/sc
FCL77600v0-dl/ds/sc+LA11323
FCL77600v0-dl/ds/sc+LA11326
FCL77600v0-dl/ds/sc+LA11323+LA11326



IP44 | Class II | Flicker Free



220-240V

Materials : Metal housing, PMMA cover

White (WH12) | Silver (SV22) | Black (BK12)

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
FCL77400v0-dl/ds/sc	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø330 x 80	100000
FCL77400v0-dl/ds/sc+LA11323	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø330 x 80	100000
FCL77400v0-dl/ds/sc+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø330 x 80	100000
FCL77400v0-dl/ds/sc+LA11323+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø330 x 80	100000
FCL77500v0-dl/ds/sc	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø400 x 80	100000
FCL77500v0-dl/ds/sc+LA11323	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø400 x 80	100000
FCL77500v0-dl/ds/sc+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø400 x 80	100000
FCL77500v0-dl/ds/sc+LA11323+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø400 x 80	100000
FCL77600v0-dl/ds/sc	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø500x 80	100000
FCL77600v0-dl/ds/sc+LA11323	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø500x 80	100000
FCL77600v0-dl/ds/sc+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø500x 80	100000
FCL77600v0-dl/ds/sc+LA11323+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	Ø500x 80	100000

Accessory



LA11323
dimLINK® Microwave Motion Sensor



LA11326
Emergency Module

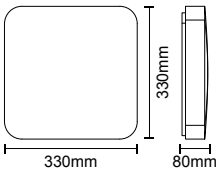
* Preliminary specification subjected to be finalized

RENZO X-Cell

FCL78000v0-dl/ds/sc
FCL78000v0-dl/ds/sc+LA11323
FCL78000v0-dl/ds/sc+LA11326
FCL78000v0-dl/ds/sc+LA11323+LA11326



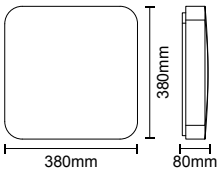
IP44 | Class II | Flicker Free



FCL77700v0-dl/ds/sc
FCL77700v0-dl/ds/sc+LA11323
FCL77700v0-dl/ds/sc+LA11326
FCL77700v0-dl/ds/sc+LA11323+LA11326



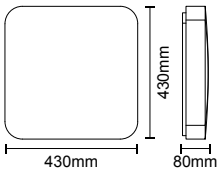
IP44 | Class II | Flicker Free



FCL77800v0-dl/ds/sc
FCL77800v0-dl/ds/sc+LA11323
FCL77800v0-dl/ds/sc+LA11326
FCL77800v0-dl/ds/sc+LA11323+LA11326



IP44 | Class II | Flicker Free



220-240V

Materials : Metal housing, PMMA cover

White (WH12) | Silver (SV22) | Black (BK12)

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
FCL78000v0-dl/ds/sc	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W330 x L330 x H80	100000
FCL78000v0-dl/ds/sc+LA11323	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W330 x L330 x H80	100000
FCL78000v0-dl/ds/sc+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W330 x L330 x H80	100000
FCL78000v0-dl/ds/sc+LA11323+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W330 x L330 x H80	100000
FCL77700v0-dl/ds/sc	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W380 x L380 x H80	100000
FCL77700v0-dl/ds/sc+LA11323	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W380 x L380 x H80	100000
FCL77700v0-dl/ds/sc+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W380 x L380 x H80	100000
FCL77700v0-dl/ds/sc+LA11323+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W380 x L380 x H80	100000
FCL77800v0-dl/ds/sc	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W430 x L430 x H80	100000
FCL77800v0-dl/ds/sc+LA11323	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W430 x L430 x H80	100000
FCL77800v0-dl/ds/sc+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W430 x L430 x H80	100000
FCL77800v0-dl/ds/sc+LA11323+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W430 x L430 x H80	100000

Accessory



LA11323
dimLINK® Microwave Motion Sensor



LA11326
Emergency Module

* Preliminary specification subjected to be finalized

MEGAMAN®

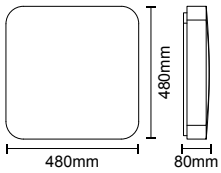
Indoor Lighting / Bulkhead

RENZO X-Cell

FCL77900v0-dl/ds/sc
FCL77900v0-dl/ds/sc+LA11323
FCL77900v0-dl/ds/sc+LA11326
FCL77900v0-dl/ds/sc+LA11323+LA11326



IP44 | Class II | Flicker Free



Accessory



LA11323
dimLINK® Microwave Motion Sensor



LA11326
Emergency Module

220-240V

Materials : Metal housing, PMMA cover

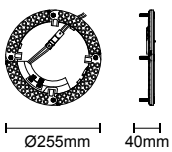
White (WH12) | Silver (SV22) | Black (BK12)

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
FCL77900v0-dl/ds/sc	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W480 x L480 x H80	100000
FCL77900v0-dl/ds/sc+LA11323	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W480 x L480 x H80	100000
FCL77900v0-dl/ds/sc+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W480 x L480 x H80	100000
FCL77900v0-dl/ds/sc+LA11323+LA11326	30/20/15	3300/2200/1650 (3000K) 3600/2400/1800 (4000K/5700K)	110 (3000K) 120 (4000/5700K)	3000K/4000K/5700K	W480 x L480 x H80	100000

* Preliminary specification subjected to be finalized

XCD0260AMv01-dl/ds/et/sc



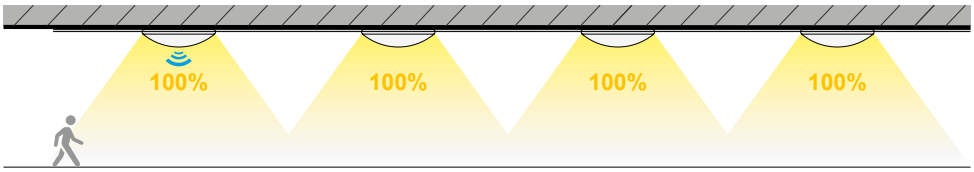


Model No.	Wattage (W) (Selectable)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp (Switchable) [Ra≥80]	Current mA	Dimension (mm)	Rated Life at L70 B50 at Ta25°C (hrs)
XCD0260AMv01-dl/ds/et/sc	30/20/15	5100/3400/2550 (3000K) 5400/3600/2700 (4000K/5700K)	165 (3000K) 178 (4000K/5700K)	3000K/4000K/5700K	160/85/60	Ø255 x H40	100000

Standby-dim Application

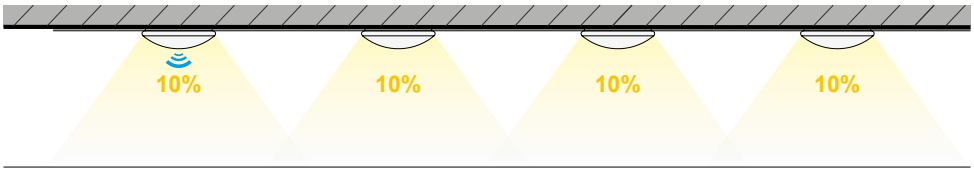
Standby-dim function
When the dimLINK® sensor is applied with the "dimLINK®" luminaire, the entire circuit will achieve the standby dimming function.

Motion detected
100% brightness



100%
0% / 10% / 30%
STAND-BY

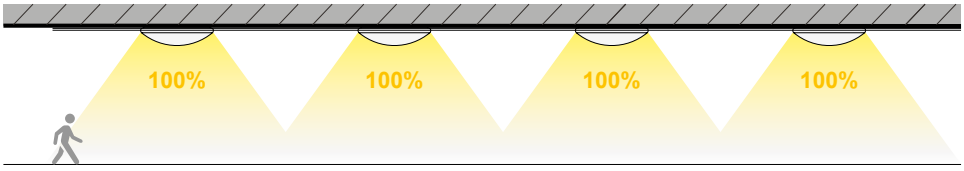
Standby mode
0% / 10% / 30% brightness



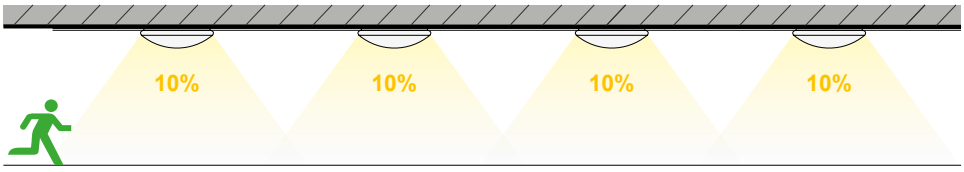
Central Battery System (CBS) Application

CBS Emergency
When connected the dimLINK® luminaires to the CBS circuit, the luminaires will dim down during emergency mode (180-260V DC).

CBS
AC220~240V
Normal Situation



CBS
DC180~260V
Emergency Situation
10% Brightness



Learn more about dimLINK® technology by referring to pages 6 - 13.

JOSIE



MEGAMAN® JOSIE

Integrated LED Bulkhead

Step Dimming | 25000 hrs | IP54



JOSIE



MEGAMAN® JOSIE

Integrated LED Bulkhead

MEGAMAN® JOSIE is an integrated LED bulkhead with Ultra Slim design which offers uniform light distribution and decorative backlight. MEGAMAN® JOSIE with switch dimming function allows 3 steps dimming with memory function provides flexibility of end users. It is perfect for everyday lighting.

Features

- Step-dimming 100% 50% 20% control over ON/OFF switch with memory function
- Ultra Slim design, profile less than 23mm
- Excellent and uniform lighting performance thanks to side-lit light guide technology
- Easy installation featured with twist-and-lock
- Tool-less wiring connection design
- IP54 version available for moisture application

Step Dimming | 25000 hrs | IP54

Applications

- Hotels
- Kitchens
- Corridors
- Residential

Accessory





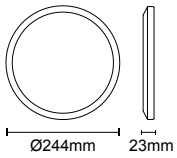
Integrated LED luminaire

JOSIE

FCL72900v0-ds



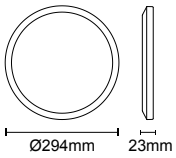
IP20 | Class II | 120°



FCL73000v0-ds



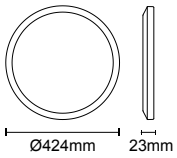
IP20 | Class II | 120°



FCL73100v0-ds



IP20 | Class II | 120°

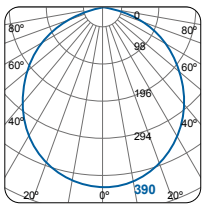


220-240V

White (WH12)

Model No.	Wattage (W)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Dimming	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FCL72900v0-ds	11	1250	120	Ø244 x 23	3-step dimming 100%-50%-20%	2700K/6500K	25000	Plastic housing + PS diffuser
FCL73000v0-ds	14.5	1600	120	Ø294 x 23	3-step dimming 100%-50%-20%	2700K/6500K	25000	Plastic housing + PS diffuser
FCL73100v0-ds	19	2100	120	Ø424 x 23	3-step dimming 100%-50%-20%	2700K/6500K	25000	Plastic housing + PS diffuser

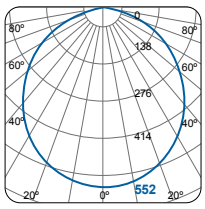
FCL72900v0-ds (2700K)



m	Lux	Ø cm
0.5	1560	173
1	390	346
1.5	173	520
2	98	693

Beam angle = 120°

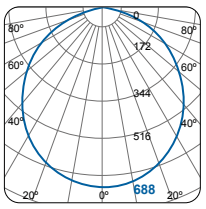
FCL73000v0-ds (2700K)



m	Lux	Ø cm
0.5	2208	173
1	552	346
1.5	245	520
2	138	693

Beam angle = 120°

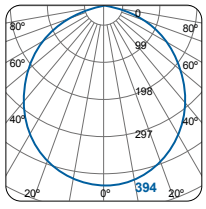
FCL73100v0-ds (2700K)



m	Lux	Ø cm
0.5	2752	173
1	688	346
1.5	306	520
2	172	693

Beam angle = 120°

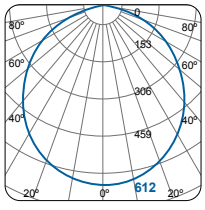
FCL72900v0-ds (6500K)



m	Lux	Ø cm
0.5	1576	173
1	394	346
1.5	175	520
2	99	693

Beam angle = 120°

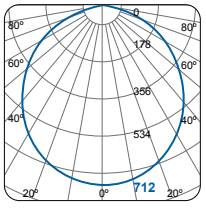
FCL73000v0-ds (6500K)



m	Lux	Ø cm
0.5	2448	173
1	612	346
1.5	272	520
2	153	693

Beam angle = 120°

FCL73100v0-ds (6500K)



m	Lux	Ø cm
0.5	2848	173
1	712	346
1.5	316	520
2	178	693

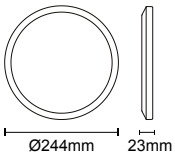
Beam angle = 120°

JOSIE

FCL73200v0-ds



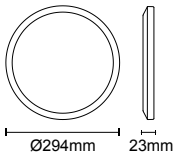
IP54 | Class II | 120°



FCL73300v0-ds



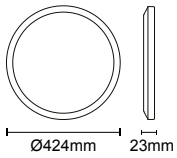
IP54 | Class II | 120°



FCL73400v0-ds



IP54 | Class II | 120°

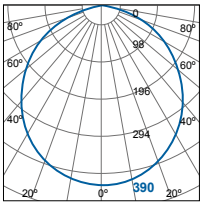


220-240V

White (WH12)

Model No.	Wattage (W)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Dimming	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FCL73200v0-ds	15	1250	120	Ø244 x 23	3-Step Dimming 100%-50%-20%	2700K/6500K	25000	Plastic Housing + PS Diffuser
FCL73300v0-ds	18	1600	120	Ø294 x 23	3-Step Dimming 100%-50%-20%	2700K/6500K	25000	Plastic Housing + PS Diffuser
FCL73400v0-ds	22	2100	120	Ø424 x 23	3-Step Dimming 100%-50%-20%	2700K/6500K	25000	Plastic Housing + PS Diffuser

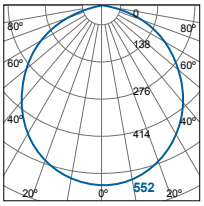
FCL73200v0-ds (2700K)



m	Lux	Ø cm
0.5	1560	173
1	390	346
1.5	173	520
2	98	693

Beam angle = 120°

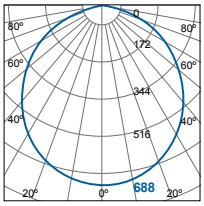
FCL73300v0-ds (2700K)



m	Lux	Ø cm
0.5	2208	173
1	552	346
1.5	245	520
2	138	693

Beam angle = 120°

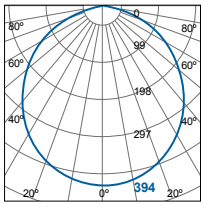
FCL73400v0-ds (2700K)



m	Lux	Ø cm
0.5	2752	173
1	688	346
1.5	306	520
2	172	693

Beam angle = 120°

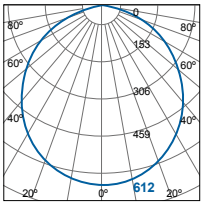
FCL73200v0-ds (6500K)



m	Lux	Ø cm
0.5	1576	173
1	394	346
1.5	175	520
2	99	693

Beam angle = 120°

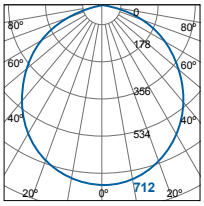
FCL73300v0-ds (6500K)



m	Lux	Ø cm
0.5	2448	173
1	612	346
1.5	272	520
2	153	693

Beam angle = 120°

FCL73400v0-ds (6500K)



m	Lux	Ø cm
0.5	2848	173
1	712	346
1.5	316	520
2	178	693

Beam angle = 120°

AATOS



MEGAMAN® AATOS

Integrated LED Bulkhead

Tunable White

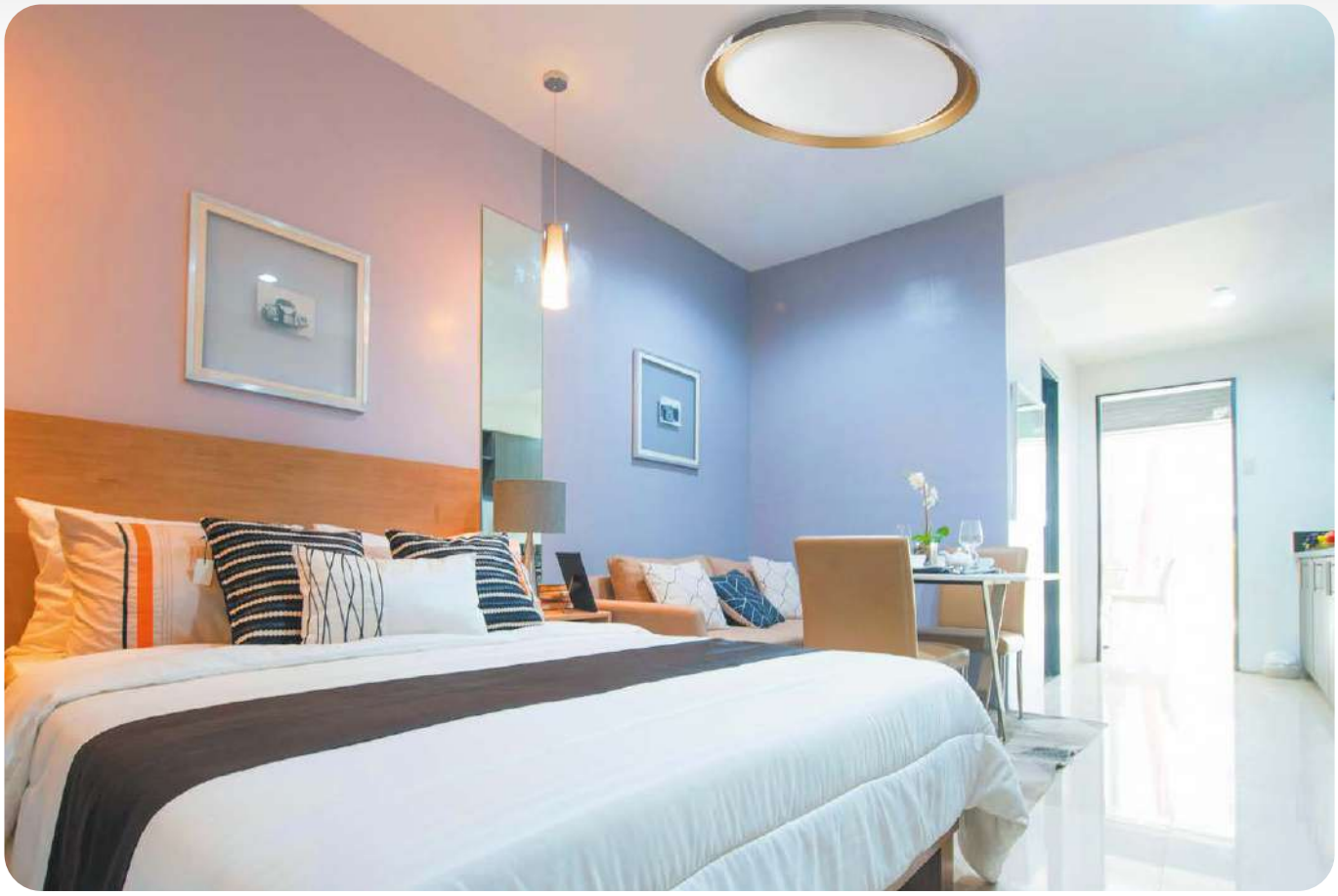
Dimmable

25000 hrs





AATOS



MEGAMAN® AATOS

Integrated LED Bulkhead

MEGAMAN® AATOS is an integrated ceiling mounted LED luminaire with tunable white and dimmable features. It comes with a polychromatic shade that delivers flexibility for lighting design. MEGAMAN® AATOS offers a comprehensive choices of version including two sizes that can be utilized in versatile application including living room, bedroom and rest areas which could be easily operated by a remote controller.

Features

- Tunable white colour changing from 3000K to 6500K and dimmable functions offer flexibility of lighting design
- Easy operation via a remote controller
- Up to 80% energy saving compared to standard incandescent light sources
- Seamless dimming from 100% to 5%
- 2 different finishings (white & chrome)
- With memory function

Tunable White | Dimmable | 25000 hrs

Applications

- Living room
- Bedroom
- Restaurants
- Hotels
- Lobby

MEGAMAN®

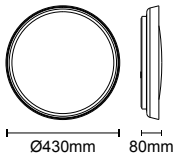
Indoor Lighting / Bulkhead

AATOS

FCL73900v0-tw



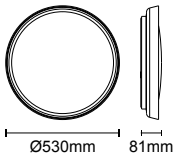
IP20 | Class I | 120°



FCL74000v0-tw



IP20 | Class I | 120°



220-240V

White (WH12) | Gold (GD21) | Pink (PK21) | Blue (BL21) | Grey (SV24) | Wooden (WD31)

Model No.	Wattage (W)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Dimming	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FCL73900v0-tw	30	2100	120	Ø430 x H80	Dimmable	3000K to 6500K	25000	PMMA Diffuser + Metal Housing
FCL74000v0-tw	60	4300	120	Ø530 x H81	Dimmable	3000K to 6500K	25000	PMMA Diffuser + Metal Housing

Accessory



Remote included

* 2x1.5VDC AAA battery not included

Integrated LED luminaire

AATOS



Integrated LED luminaire

AATOS STARRY



MEGAMAN® AATOS STARRY

Integrated LED Bulkhead

Tunable White | RGBW | Dimmable | 25000 hrs



Integrated LED luminaire

AATOS STARRY



MEGAMAN® AATOS STARRY

Integrated LED Bulkhead

MEGAMAN® AATOS STARRY is an integrated ceiling mounted LED luminaire with tunable white and colour changing features. It impresses with its fascinating starry-sky look as small stars sparkle. MEGAMAN® AATOS STARRY offers various light effect that can be utilized in versatile application including living room, lobby and rest areas which could be easily operated by a remote controller or app via mobile phone.

Features
- Tunable white and colour changing functions offer flexibility of lighting design
- Easy operation via a remote controller or app via mobile phone
- Up to 80% energy saving compared to standard incandescent light sources
- Smooth dimming from 100% to 10%
- Uniform light distribution
- Smooth surface for easy cleaning
- Night mode available
- With memory function

Tunable White | RGBW | Dimmable | 25000 hrs

Applications
- Living room
- Lobby
- Restaurants
- Hotels

MEGAMAN®

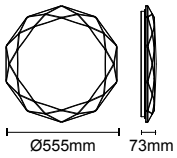
Indoor Lighting / Bulkhead

AATOS STARRY

FCL74100v0-wf/ec/tw



IP20 | Class I | 120°



220-240V

White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Dimming	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FCL74100v0-wf/ec/tw	60	4200	120	Ø555 x H73	Dimmable	3000K to 6500K RGB Colour Changing	25000	PMMA Diffuser + Metal Housing

Accessory



Remote included

* 2x1.5VDC AAA battery not included

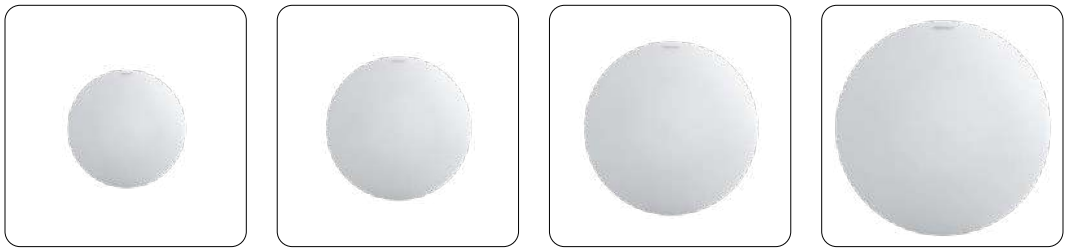
Integrated LED luminaire

AATOS STARRY



KATIA


MEGAMAN® KATIA
Integrated LED Bulkhead
IP40
λ
>0.9
120°
25000
hrs
100lm/W



KATIA



MEGAMAN® KATIA
Integrated LED Bulkhead

MEGAMAN® KATIA is a brilliant and timeless design with ultra slim housing, this stylish ceiling lamp spreads an even light that illuminates the whole room with comfort.

Features
- Round and slim profile
- Delivers wide range of lumen package for direct alternatives to traditional wall and ceiling lamp
- Easy installation and tool-less wiring
- IP40 protection
- Operation temperature -30ºC to +45ºC
- Mounting kit for junction box available

IP40 | λ >0.9 | 120º | 25000 hrs | 100lm/W

Applications
- Kitchens
- Corridors
- Residential
- Hotels

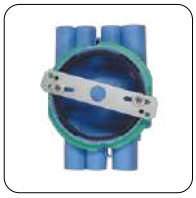
Easy Installation



Accessory



LA10209
Mounting kit for junction box



Junction box is not included

Integrated LED luminaire

MEGAMAN®

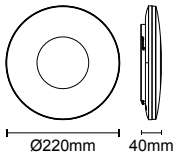
Indoor Lighting / Bulkhead

KATIA

FCL74200v0



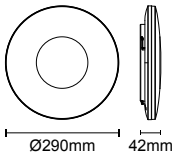
IP40 | Class II | 120°



FCL74300v0



IP40 | Class II | 120°

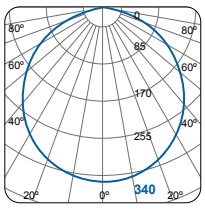


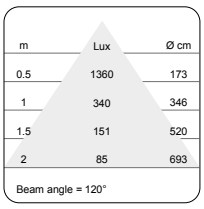
220-240V

White (WH12)

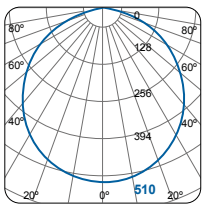
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FCL74200v0	12	1080 (3000K) 1200 (4000K/6500K)	90 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	120	Ø220 x H40	25000	Plastic housing and Plastic diffuser
FCL74300v0	18	1620 (3000K) 1800 (4000K/6500K)	90 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	120	Ø290 x H42	25000	Plastic housing and Plastic diffuser

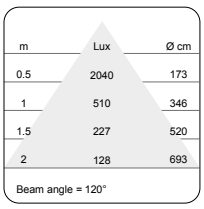
FCL74200v0





FCL74300v0





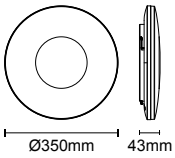
Integrated LED luminaire

KATIA

FCL74400v0



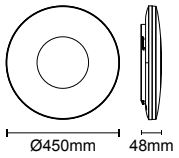
IP40 | Class II | 120°



FCL74500v0



IP40 | Class II | 120°

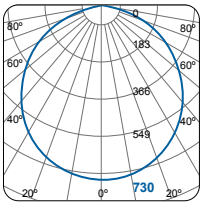


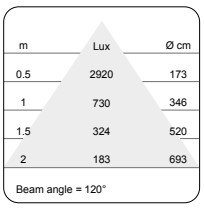
220-240V

White (WH12)

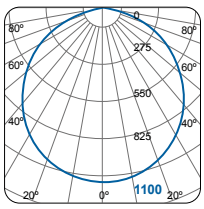
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FCL74400v0	24	2160 (3000K) 2400 (4000K/6500K)	90 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	120	Ø350 x H43	25000	Plastic housing and Plastic diffuser
FCL74500v0	36	3240 (3000K) 3600 (4000K/6500K)	90 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	120	Ø450 x H48	25000	Plastic housing and Plastic diffuser

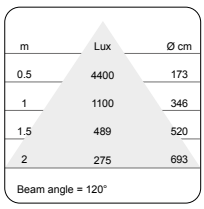
FCL74400v0





FCL74500v0





Integrated LED luminaire

RENZOLITE



MEGAMAN® RENZOLITE

Integrated LED Bulkhead

IP20 | IP44 | Class I | 25000 hrs

MEGAMAN® RENZOLITE is a cost-effective sustainable bulkhead designed to replace traditional CFL ceiling lamp.

Features

- Delivers wide range of lumen packages for direct alternatives to traditional wall and ceiling
- Unobtrusive and understated design for all situations
- An evenly distributed light and visual comfort
- Durable PMMA cover avoid yellowish

Applications

- Kitchens
- Corridors
- Residential

* IP44 For FCL72300v0

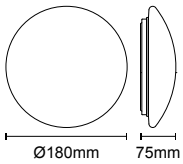


RENZOLITE

FCL72300v0



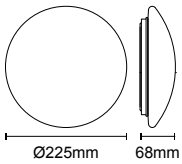
IP44 | Class I | 120°



F50500SMv2



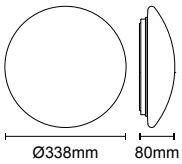
IP20 | Class I | 120°



F50600SMv2



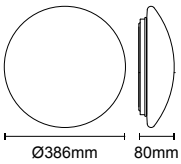
IP20 | Class I | 120°



F50700SMv2



IP20 | Class I | 120°

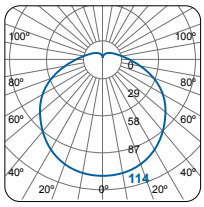


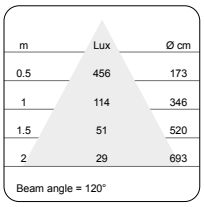
220-240V

White (WH26)

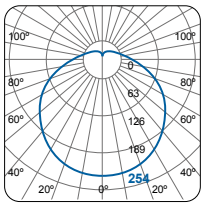
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FCL72300v0	6	420	70	Ø180 x H75	3000K/4000K/6500K	25000	Metal Housing with PMMA cover
F50500SMv2	12	900	75	Ø225 x H68	3000K/4000K/6500K	25000	Metal Housing with PMMA cover
F50600SMv2	18	1350	75	Ø338 x H80	3000K/4000K/6500K	25000	Metal Housing with PMMA cover
F50700SMv2	24	1800	75	Ø386 x H80	3000K/4000K/6500K	25000	Metal Housing with PMMA cover

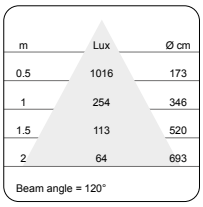
FCL72300v0





F50500SMv2





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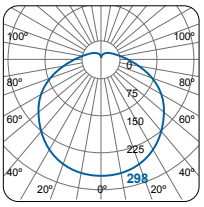
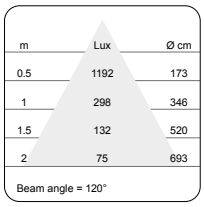
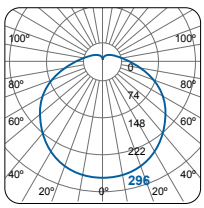
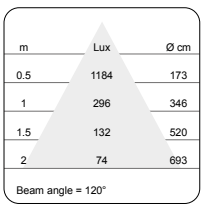




F50700SMv2





Integrated LED luminaire

MILENA XChange® dimLINK®

NEW



Replaceable LED & Driver

xChange®

dimLINK®

MEGAMAN® MILENA XChange® dimLINK®

Modular LED Downlight

PIR Sensor | CBS | CCT Switchable | Selectable Lumen Output | DALI 2.0 | IP54 | Flicker free | 100000 hrs









MILENA XChange® dimLINK®



Innovative modular design enables tool-less assembly for effortless retrofitting—no need to remove the downlight from the ceiling

MEGAMAN® MILENA XChange® dimLINK®

Modular LED Downlight

MEGAMAN® MILENA XChange® is a modular downlight unit consisting of Tri-lumen output & 3 CCT LED light engine, various options of reflector or diffuser, allowing tool-less assembly in-situ. The luminaire offers maximum visual comfort by high cut-off angle for better glare control and low flicker to avoid eye fatigue.

Features

- Equipped with dimLINK® feature reduces power during inactivity, boosting energy savings
- Compatible with attachable dimLINK® PIR Sensor achieve primary and secondary function
- Modular downlight unit consist of Tri-lumen output & 3 CCT LED light engine, reflector or diffuser module
- Inter-changeable light engine between 6" and 8" luminaire
- The flexibility modular design enables a faster delivery period for customized requirements
- Flicker free to avoid eye fatigue
- IP54 rated for damp location such as bathroom and kitchen



Applications

- Retails
- Bathrooms
- Hotels
- Kitchens
- Offices
- Restaurants

MILENA XChange® dimLINK®

The modular design allows tool-less assembly

Replaceable LED & Driver

xChange®

dimLINK®





Light engine



6" Specular reflector
8" Specular reflector



6" Faceted reflector
8" Faceted reflector



6" Matt reflector
8" Matt reflector



6" Diffuser
8" Diffuser



3 Output selectable :
Low/Mid/High output

3 CCT switchable :
3000K/4000K/6000K



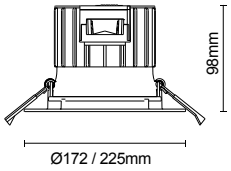
**3 x 2.5mm² (loop-through)
tool-less terminal block**

MILENA XChange® dimLINK®

FDL78000v0-dl/ds/sc+FR
FDL78200v0-dl/ds/sc+FR



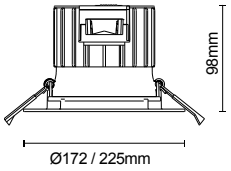
IP54 | IP20 | Class II | Flicker Free



FDL78000v0-dl/ds/sc+SR
FDL78200v0-dl/ds/sc+SR



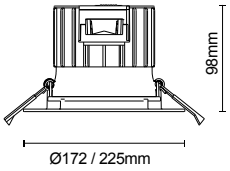
IP54 | IP20 | Class II | Flicker Free



FDL78000v0-dl/ds/sc+WR
FDL78200v0-dl/ds/sc+WR



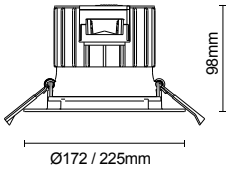
IP54 | IP20 | Class II | Flicker Free



FDL78000v0-dl/ds/sc+DF
FDL78200v0-dl/ds/sc+DF



IP54 | IP20 | Class II | Flicker Free



220-240V

dimLINK®

White (WH26)

150lm/W dimLINK®

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. (Switchable)	Power Factor (λ)	Rated Life at L80B10 at Ta25°C (hrs)
FDL78000v2-dl/ds/sc+FR	17/11.5/9.5	2370/1600/1325 (3000K) 2550/1725/1425 (4000K/5700K)	90	Ø172 x H98	Ø150	3000K/4000K/5700K	0.9	100000
FDL78000v2-dl/ds/sc+SR	17/11.5/9.5	2370/1600/1325 (3000K) 2550/1725/1425 (4000K/5700K)	90	Ø172 x H98	Ø150	3000K/4000K/5700K	0.9	100000
FDL78000v2-dl/ds/sc+WR	17/11.5/9.5	2370/1600/1325 (3000K) 2550/1725/1425 (4000K/5700K)	90	Ø172 x H98	Ø150	3000K/4000K/5700K	0.9	100000
FDL78200v2-dl/ds/sc+FR	17/11.5/9.5	2370/1600/1325 (3000K) 2550/1725/1425 (4000K/5700K)	90	Ø225 x H98	Ø200	3000K/4000K/5700K	0.9	100000
FDL78200v2-dl/ds/sc+SR	17/11.5/9.5	2370/1600/1325 (3000K) 2550/1725/1425 (4000K/5700K)	90	Ø225 x H98	Ø200	3000K/4000K/5700K	0.9	100000
FDL78200v2-dl/ds/sc+WR	17/11.5/9.5	2370/1600/1325 (3000K) 2550/1725/1425 (4000K/5700K)	90	Ø225 x H98	Ø200	3000K/4000K/5700K	0.9	100000
FDL78000v2-dl/ds/sc+DF	17/11.5/9.5	2290/1550/1280 (3000K) 2465/1668/1378 (4000K/5700K)	100	Ø172 x H98	Ø200	3000K/4000K/5700K	0.9	100000
FDL78200v2-dl/ds/sc+DF	17/11.5/9.5	2290/1550/1280 (3000K) 2465/1668/1378 (4000K/5700K)	100	Ø225 x H98	Ø200	3000K/4000K/5700K	0.9	100000

 # DALI 2.0 version available

Accessory



LA10373
External dimLINK® microwave sensor recessed



LA3190
6" Diffuser
LA3194
8" Diffuser



LA3192
6" Faceted reflector
LA3196
8" Faceted reflector



LA3191
6" Specular reflector
LA3195
8" Specular reflector



LA3193
6" Matt reflector
LA3197
8" Matt reflector

MEGAMAN®

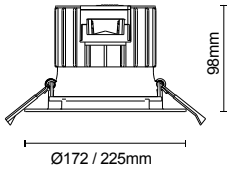
Indoor Lighting / Downlight

MILENA XChange®

FDL78000v0-ds/sc+FR
FDL78200v0-ds/sc+FR



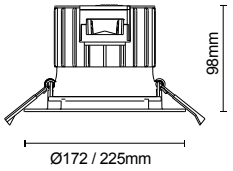
IP54 | IP20 | Class II | Flicker Free



FDL78000v0-ds/sc+SR
FDL78200v0-ds/sc+SR



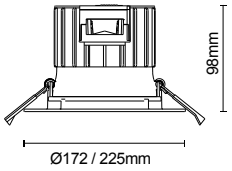
IP54 | IP20 | Class II | Flicker Free



FDL78000v0-ds/sc+WR
FDL78200v0-ds/sc+WR



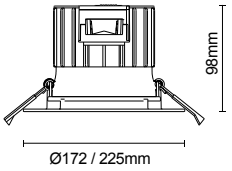
IP54 | IP20 | Class II | Flicker Free



FDL78000v0-ds/sc+DF
FDL78200v0-ds/sc+DF



IP54 | IP20 | Class II | Flicker Free



220-240V

White (WH26)

120lm/W Non-dimLINK®

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. (Switchable)	Power Factor (λ)	Rated Life at L80B10 at Ta25°C (hrs)
FDL78000v0-ds/sc+FR	20/17.5/14.5	2230/1950/1600 (3000K) 2400/2100/1740 (4000K/5700K)	90	Ø172 x H98	Ø150	3000K/4000K/5700K	0.9	100000
FDL78000v0-ds/sc+SR	20/17.5/14.5	2230/1950/1600 (3000K) 2400/2100/1740 (4000K/5700K)	90	Ø172 x H98	Ø150	3000K/4000K/5700K	0.9	100000
FDL78000v0-ds/sc+WR	20/17.5/14.5	2230/1950/1600 (3000K) 2400/2100/1740 (4000K/5700K)	90	Ø172 x H98	Ø150	3000K/4000K/5700K	0.9	100000
FDL78200v0-ds/sc+FR	20/17.5/14.5	2230/1950/1600 (3000K) 2400/2100/1740 (4000K/5700K)	90	Ø225 x H98	Ø200	3000K/4000K/5700K	0.9	100000
FDL78200v0-ds/sc+SR	20/17.5/14.5	2230/1950/1600 (3000K) 2400/2100/1740 (4000K/5700K)	90	Ø225 x H98	Ø200	3000K/4000K/5700K	0.9	100000
FDL78200v0-ds/sc+WR	20/17.5/14.5	2230/1950/1600 (3000K) 2400/2100/1740 (4000K/5700K)	90	Ø225 x H98	Ø200	3000K/4000K/5700K	0.9	100000
FDL78000v0-ds/sc+DF	20/17.5/14.5	2130/1860/1540 (3000K) 2300/2010/1668 (4000K/5700K)	100	Ø172 x H98	Ø200	3000K/4000K/5700K	0.9	100000
FDL78200v0-ds/sc+DF	20/17.5/14.5	2130/1860/1540 (3000K) 2300/2010/1668 (4000K/5700K)	100	Ø225 x H98	Ø200	3000K/4000K/5700K	0.9	100000

 # DALI 2.0 version available

Accessory



LA3190
6" Diffuser
LA3194
8" Diffuser



LA3192
6" Faceted reflector
LA3196
8" Faceted reflector



LA3191
6" Specular reflector
LA3195
8" Specular reflector



LA3193
6" Matt reflector
LA3197
8" Matt reflector

MILENA XChange® dimLINK®

XCD0108A0v00-ds/sc



XCD0108A0v02-dl/ds/sc



220-240V

White (WH26)

non-dimLINK® light engine

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. (Switchable)	Power Factor (λ)	Rated Life at L80B10 at Ta25°C (hrs)
XCD0108A0v00-ds/sc	20/17.5/14.5	2230/1950/1600 (3000K) 2400/2100/1740 (4000K/5700K)	N/A	Ø108 x H56.7	N/A	3000K/4000K/5700K	0.9	100000

220-240V dimLINK®

White (WH26)

dimLINK® light engine

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. (Switchable)	Power Factor (λ)	Rated Life at L80B10 at Ta25°C (hrs)
XCD0108A0v02-dl/ds/sc	17/11.5/9.5	2290/1550/1280 (3000K) 2465/1668/1378 (4000K/5700K)	N/A	Ø108 x H56.7	N/A	3000K/4000K/5700K	0.9	100000

Learn more about dimLINK® technology by referring to pages 6 - 13.

MILENA PRO



MEGAMAN® MILENA PRO

LED Downlight

UGR ≤19

IP54

50000 hrs





Integrated LED luminaire

MILENA PRO



MEGAMAN® MILENA PRO

LED Downlight

UGR ≤19 | IP54 | 50000 hrs

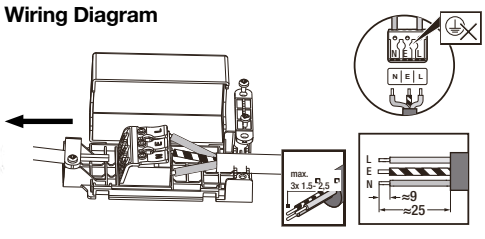
MEGAMAN® MILENA PRO integrated LED downlight comes with low glare (UGR≤19) control in faceted reflector offering maximum visual comfort and low flicker (≤ 8%) to avoid eye fatigue. It delivers uniformity of light distribution. MEGAMAN® MILENA PRO is the perfect solution for the ceiling recess mounting allows retrofit for conventional downlights in existing cut-outs.

Features
- Offer high cut-off angle for low glare (UGR≤19) control in faceted reflector
- Terminal block facilitate easy installation and maintenance, and through wiring possible
- Two sizes allow retrofit for many conventional downlights in existing ceiling cut-outs
- Low flicker ≤ 8% to avoid eye fatigue
- Delivery of uniform light distribution
- IP54 rated for damp locations such as bathroom and kitchen
- Operating temperature from -30°C to +40°C

Applications
- Offices
- Retail
- Bathrooms
- Hotels
- Kitchens
- Restaurants



Wiring Diagram



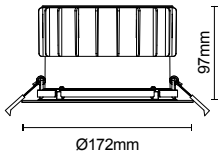
Integrated LED luminaire

MILENA PRO

FDL75700v0



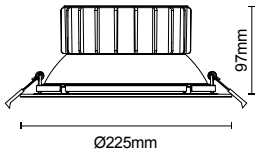
UGR ≤19 | IP54



FDL75800v0



UGR ≤19 | IP54

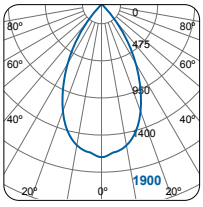


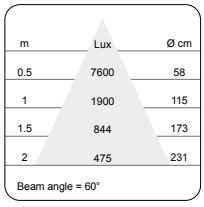
220-240V

White (WH26)

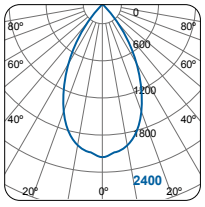
Model No.	System Wattage (W)	Luminous Flux (lm)	System Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Power Factor (λ)	Materials
FDL75700v0	18	1650 (3000K) 1800 (4000K)	92 (3000K) 100 (4000K)	60	Ø172 x H97	Ø150	3000K/4000K	50000	>0.9	Aluminum & PC
FDL75800v0	23	2150 (3000K) 2300 (4000K)	93 (3000K) 100 (4000K)	60	Ø255 x H97	Ø200	3000K/4000K	50000	>0.9	Aluminum & PC

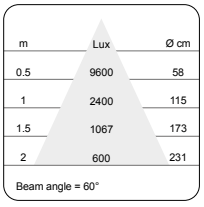
FDL75700v0





FDL75800v0





MILENA PRO



MILENA



MEGAMAN® MILENA

Modular LED Downlight

Switching CCT | Selectable Lumen Output | IP54 | Flicker free | 50000 hrs | DALI



MILENA



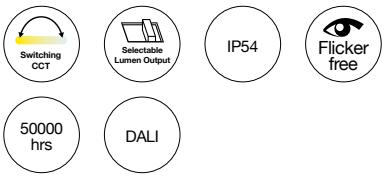
MEGAMAN® MILENA

Modular LED Downlight

MEGAMAN® MILENA is a modular downlight unit consisting of dual-lumen output & dual-CCT LED light engine, various metal housing and reflector or diffuser options, allowing tool-less assembly in-situ. The luminaire offers maximum visual comfort by high cut-off angle for better glare control and low flicker to avoid eye fatigue.

Features

- Modular downlight unit consist of dual-lumen output & dual-CCT LED light engine, reflector or diffuser module
- The modular components design allow the assembly in-situ without any tool
- Inter-changeable light engine between 6" and 8" luminaire
- The flexibility modular design enables a faster delivery period for customized requirements, which is an ideal solution for short lead time projects
- Offer high cut-off angle for better glare control
- Tool-less terminal block up to 3 x 2.5mm^2 facilitate easy installation and maintenance, and through wiring possible
- Wide range of sizes allow retrofit for many conventional downlights in existing ceiling cut-outs
- Delivery of wide and uniform light distribution
- Flicker free to avoid eye fatigue
- IP54 rated for damp location such as bathroom and kitchen



Applications

- Retails
- Bathrooms
- Hotels
- Kitchens
- Offices
- Restaurants

MEGAMAN®

Indoor Lighting / Downlight

MILENA





Low output / High output



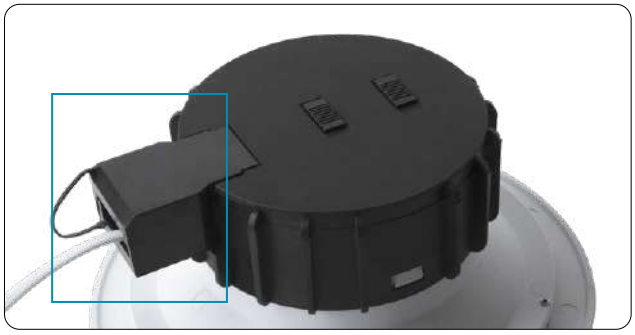
Switching CCT (3000K/4000K)



The modular design allows tool-less assembly



3 x 2.5mm² tool-less terminal block

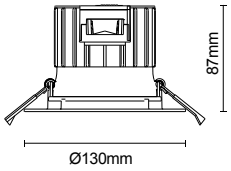


MILENA

FDM70600v0-ds/sc



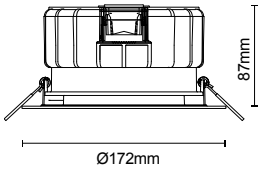
IP54 | IP20 | Class II | Flicker Free



FDL71300v0-ds/sc
FDL71300v1-ds/sc
FDL71300v2-ds/sc



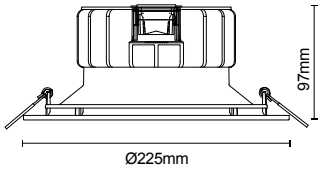
IP54 | IP20 | Class II | Flicker Free



FDL71500v0-ds/sc
FDL71500v1-ds/sc



IP54 | IP20 | Class II | Flicker Free



220-240V

White (WH26)

Reflector | ON/OFF Version

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	System Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Power Factor (λ)	Materials
ON/OFF Version										
FDM70600v0-ds/sc	6.5/9	600/830 (3000K) 650/900 (4000K)	92/92 (3000K) 100/100 (4000K)	90	Ø130 x H87	Ø100	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71300v0-ds/sc	10/16	930/1450 (3000K) 1000/1600 (4000K)	93/91 (3000K) 100/100 (4000K)	90	Ø172 x H87	Ø150	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71300v1-ds/sc	18/23	1670/2230 (3000K) 1800/2400 (4000K)	97/93 (3000K) 104/100 (4000K)	90	Ø172 x H87	Ø150	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71300v2-ds/sc	19.5/25	1860/2500 (3000K) 2000/2700 (4000K)	100/95 (3000K) 108/103 (4000K)	90	Ø172 x H87	Ø150	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71500v0-ds/sc	18/23	1670/2230 (3000K) 1800/2400 (4000K)	97/93 (3000K) 104/100 (4000K)	90	Ø225 x H97	Ø200	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71500v1-ds/sc	19.5/25	1860/2500 (3000K) 2000/2700 (4000K)	100/95 (3000K) 108/103 (4000K)	90	Ø225 x H97	Ø200	3000K/4000K	50000	>0.9	Aluminum & PC

Light Engine Module (NON-DIM)



LA3240
4" Light engine module
650/900lm



LA3242
6"/8" Light engine module
1000/1600lm



LA3243
6"/8" Light engine module
1800/2400lm



LA3244
6"/8" Light engine module
2000/2700lm

Bezel



LA3135
4" Facet Reflector Bezel



LA3136
6" Facet Reflector Bezel



LA3137
8" Facet Reflector Bezel



LA3138
4" Diffuser Bezel



LA3139
6" Diffuser Bezel



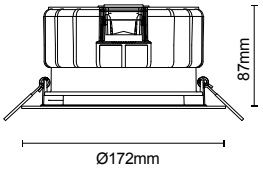
LA3140
8" Diffuser Bezel

MILENA FR

FDL71300v2-ex/sc



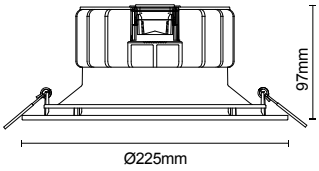
IP54 IP20 Class II Flicker Free



FDL71500v1-ex/sc



IP54 IP20 Class II Flicker Free



220-240V

White (WH26)

Reflector | DALI Version

Model No.	Wattage (W)	Luminous Flux (lm)	System Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Power Factor (λ)	Materials
DALI Version										
FDL71300v0-ex/sc +LD232037/da/mc-C0950	23.2	2500 (3000K) 2700 (4000K)	107 (3000K) 116 (4000K)	90	Ø172 x H87	Ø150	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71500v0-ex/sc +LD232037/da/mc-C0950	23.2	2500 (3000K) 2700 (4000K)	107 (3000K) 116 (4000K)	90	Ø225 x H97	Ø200	3000K/4000K	50000	>0.9	Aluminum & PC

Light Engine Module (NON-DIM)



LA3242
6"/8" Light engine module
1000/1600lm

Bezel



LA3136
6" Facet Reflector Bezel



LA3137
8" Facet Reflector Bezel



LA3138
4" Diffuser Bezel



LA3139
6" Diffuser Bezel



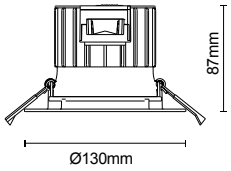
LA3140
8" Diffuser Bezel

MILENA

FDM70700v0-ds/sc



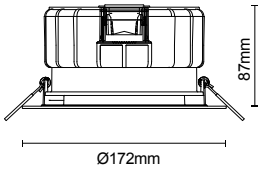
IP54 IP20 Class II Flicker Free



FDL71400v0-ds/sc
FDL71400v1-ds/sc
FDL71400v2-ds/sc



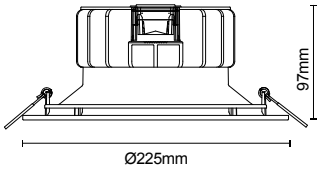
IP54 IP20 Class II Flicker Free



FDL71600v0-ds/sc
FDL71600v1-ds/sc



IP54 IP20 Class II Flicker Free



220-240V

White (WH26)

Diffuser | ON/OFF Version

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	System Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Power Factor (λ)	Materials
ON/OFF Version										
FDM70700v0-ds/sc	6.5/9	560/770 (3000K) 600/830 (4000K)	86/92 (3000K) 86/92 (4000K)	100	Ø130 x H87	Ø100	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71400v0-ds/sc	10/16	930/1450 (3000K) 1000/1600 (4000K)	93/91 (3000K) 100/100 (4000K)	100	Ø172 x H87	Ø150	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71400v1-ds/sc	18/23	2140/1670 (3000K) 2300/1800 (4000K)	93/93 (3000K) 100/100 (4000K)	100	Ø172 x H87	Ø150	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71400v2-ds/sc	19.5/25	2320/1860 (3000K) 2500/2000 (4000K)	93/93 (3000K) 100/100 (4000K)	100	Ø172 x H87	Ø150	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71600v0-ds/sc	18/23	2140/1670 (3000K) 2300/1800 (4000K)	93/93 (3000K) 100/100 (4000K)	100	Ø225 x H97	Ø200	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71600v1-ds/sc	19.5/25	2320/1860 (3000K) 2500/2000 (4000K)	93/93 (3000K) 100/100 (4000K)	100	Ø225 x H97	Ø200	3000K/4000K	50000	>0.9	Aluminum & PC

Light Engine Module (NON-DIM)



LA3240
4" Light engine module
650/900lm



LA3242
6"/8" Light engine module
1000/1600lm



LA3243
6"/8" Light engine module
1800/2400lm



LA3244
6"/8" Light engine module
2000/2700lm

Bezel



LA3136
6" Facet Reflector Bezel



LA3137
8" Facet Reflector Bezel



LA3138
4" Diffuser Bezel



LA3139
6" Diffuser Bezel



LA3140
8" Diffuser Bezel

MEGAMAN®

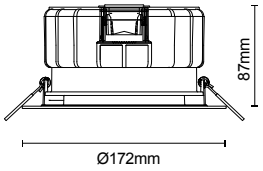
Indoor Lighting / Downlight

MILENA

FDL71400v2-ex/sc



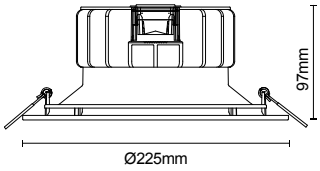
IP54 | IP20 | Class II | Flicker Free | DALI



FDL71600v1-ex/sc



IP54 | IP20 | Class II | Flicker Free | DALI



220-240V

White (WH26)

Diffuser | DALI Version

Model No.	Wattage (W)	Luminous Flux (lm)	System Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Power Factor (λ)	Materials
DALI Version										
FDL71400v0-ex/sc +LD232037/da/mc-C0950	23.2	2320 (3000K) 2500 (4000K)	100 (3000K) 107 (4000K)	100	Ø172 x H87	Ø150	3000K/4000K	50000	>0.9	Aluminum & PC
FDL71600v0-ex/sc +LD232037/da/mc-C0950	23.2	2320 (3000K) 2500 (4000K)	100 (3000K) 107 (4000K)	100	Ø225 x H97	Ø200	3000K/4000K	50000	>0.9	Aluminum & PC

Light Engine Module (NON-DIM)



LA3242
6"/8" Light engine module
1000/1600lm

Bezel



LA3136
6" Facet Reflector Bezel



LA3137
8" Facet Reflector Bezel



LA3138
4" Diffuser Bezel

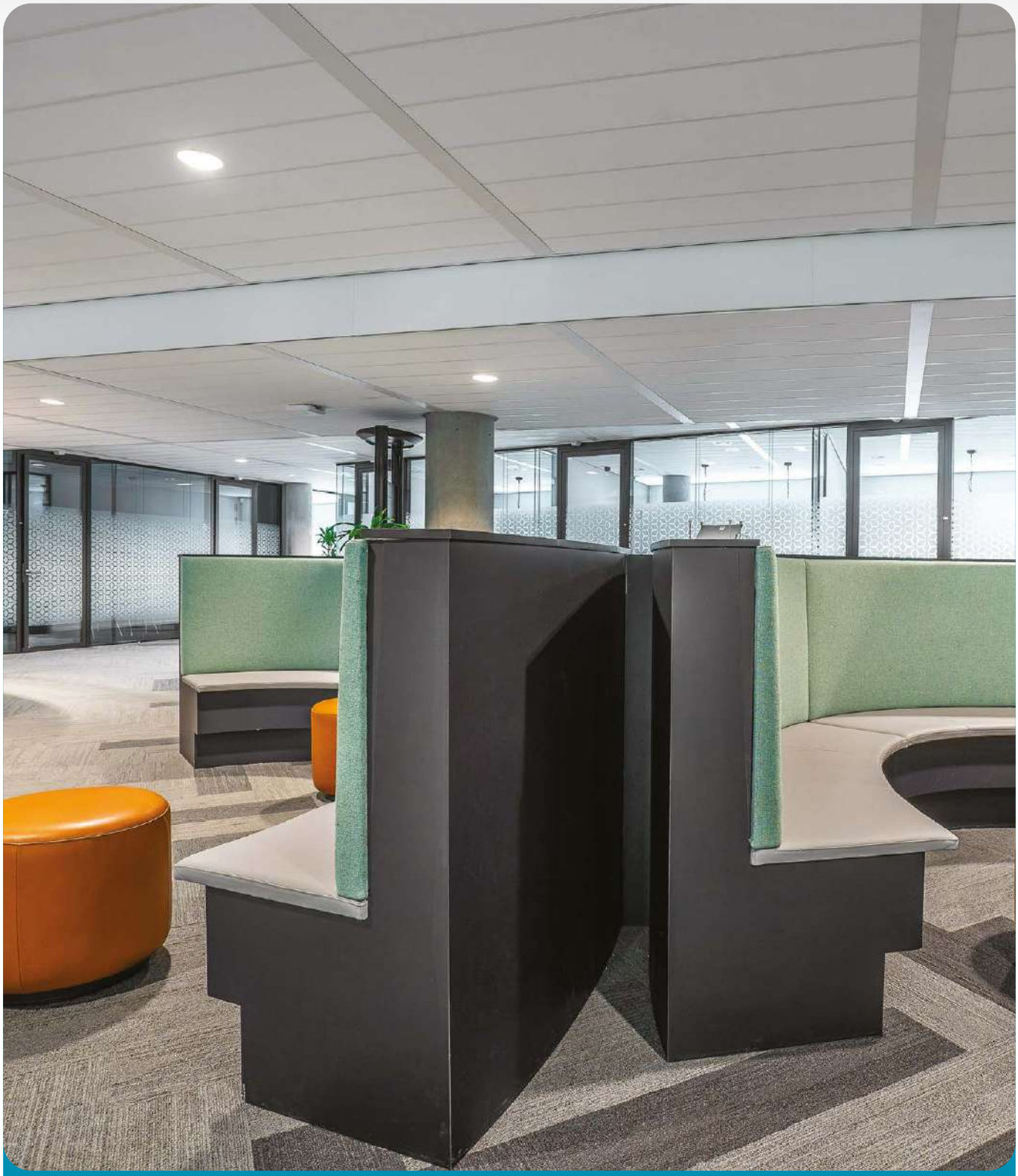


LA3139
6" Diffuser Bezel



LA3140
8" Diffuser Bezel

MILENA



MILENA FLEXI

NEW



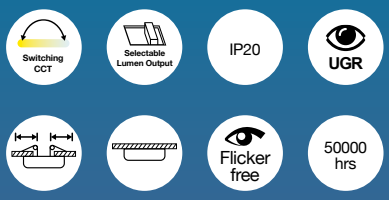
MEGAMAN® MILENA FLEXI

Integrated LED downlight

MEGAMAN® MILENA FLEXI boasts an ultra-slim profile, Tri-CCT switching, and Tri-wattage selection, delivering exceptional visual comfort and adaptability for various applications. Its innovative adjustable sliding spring bracket design ensures compatibility with a wide range of cut-out diameters, making installation quick and hassle-free while providing maximum flexibility and performance.

Features

- Multi-CCT selection with built-in switch for 3000K, 4000K, and 6500K options, allowing users adjust colour temperature on-site.
- Multi-lumen output selection - 1400 lm, 1900 lm, and 2750 lm, providing flexibility to match different lighting requirements.
- Recessed / surface mounted 2-way installation
- Compatible with a wide range of cut-out diameters due to an adjustable sliding spring bracket design, simplifying installation.
- Ideal for retrofit and renovation projects, fitting existing cut-outs without hassle.
- Wide diameter designed to conceal original luminaire marks, facilitating painting or filling work without concern.
- Ultra-slim profile design with a thickness of less than 15 mm for a simple and neat appearance.
- Excellent and uniform lighting performance achieved through side-lit light guide technology, ensuring even illumination.
- Reduced glare and improved visual comfort thanks to a micro-prismatic diffuser
- High efficacy reaching up to 127 lm/W, combining energy efficiency with high light output.



Applications

- Retrofit and Renovations
- Corridors
- Conference rooms
- Hotels
- Restaurants
- Residential applications

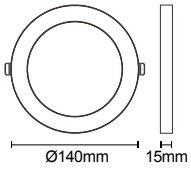


MILENA FLEXI

FDL78300v0-sc



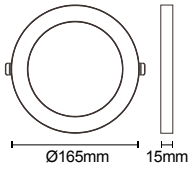
IP20 | 120° | Flicker Free



FDL78400v0-sc



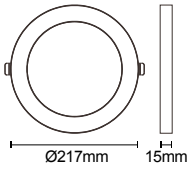
IP20 | 120° | Flicker Free



FDL78500v0-ds/sc
FDL78500v1-ds/sc



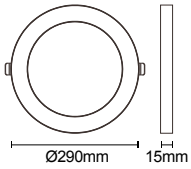
IP20 | 120° | Flicker Free



FDL77300v0-ds/sc
FDL77300v1-ds/sc



IP20 | 120° | Flicker Free



220-240V

White (WH12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Angle (°)	CRI	Colour Temp. (Switchable)	Dimension (mm)	Cut-out (mm)	Rated Life at L70B50 at Ta25°C (hrs)
FDL78300v0-sc	6	450lm (3000K) 480lm (4000K/6500K)	75 (3000K) 80 (4000K/6500K)	120	≥80	3000K/4000K/6500K	Ø140 x H15	55-100	50000
FDL78400v0-sc	12	1020lm (3000K) 1080lm (4000K/6500K)	85 (3000K) 90 (4000K/6500K)	120	≥80	3000K/4000K/6500K	Ø165 x H15	55-125	50000
FDL78500v0-ds/sc	18/12/9 Selectable	1620/1104/810 (3000K) 1710/1200/855 (4000K/6500K)	90/92/90 (3000K) 95/100/95 (4000K/6500K)	120	≥80	3000K/4000K/6500K	Ø217 x H15	55-175	50000
FDL78500v1-ds/sc	18/12/9 Selectable	1620/1104/810 (3000K) 1710/1200/855 (4000K/6500K)	110/115/110 (3000K) 118/120/118 (4000K/6500K)	120	≥80	3000K/4000K/6500K	Ø217 x H15	55-175	50000
FDL77300v0-ds/sc	23/15.5/11 Selectable	2140/1460/1023 (3000K) 2300/1550/1100 (4000K/6500K)	93/94/93 (3000K) 100/102/100 (4000K/6500K)	120	≥80	3000K/4000K/6500K	Ø290 x H15	60-250	50000
FDL77300v1-ds/sc	23/15.5/11 Selectable	2650/1800/1300 (3000K) 2750/1900/1400 (4000K/6500K)	115/116/118 (3000K) 120/123/127 (4000K/6500K)	120	≥80	3000K/4000K/6500K	Ø290 x H15	60-250	50000

Optional colour bezels



LA3260/CH (Ø140)
LA3261/CH (Ø165)
LA3262/CH (Ø217)
LA3263/CH (Ø290)
Bezel
(Chrome)



LA3260/NI (Ø140)
LA3261/NI (Ø165)
LA3262/NI (Ø217)
LA3263/NI (Ø290)
Bezel
(Nickel)



LA3260/BK (Ø140)
LA3261/BK (Ø165)
LA3262/BK (Ø217)
LA3263/BK (Ø290)
Bezel
(Matt Black)



Slidable spring

Integrated LED luminaire

RICO HR



MEGAMAN® RICO HR

Ultra Slim LED Downlight

Dim to WARM | Ultra RichColour | RichColour | IP44





Integrated LED luminaire

RICO HR



MEGAMAN® RICO HR

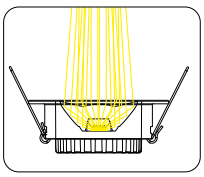
Ultra Slim LED Downlight

Dim to WARM | Ultra RichColour | RichColour | IP20/ IP44

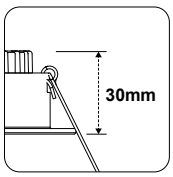
In response to the market needs for ultra slim LED downlight, MEGAMAN® RICO HR is the perfect solution for the ceiling recess with limited depth. MEGAMAN® RICO HR is designed for optimal lighting performance, great functionality and consistency in design. The cut-out is 68 mm, as well as the standard 36° beam angle and adjustable 25° tilting angle. The luminaire is suitable for various kinds of applications.

Features:
- Ideal for any ceiling recess with limited path
- Suitable for small cabinets and furniture lighting where space is restricted
- Uses an external driver with industry standard constant current levels
- Compatible with a wide range of drivers available on the market
- Allows use with standard dimming drivers such as DALI, DSL or 1-10V for linear dimming
- IP44 protection enables the use in humid and damp areas such as bathrooms or kitchens
- Minimizes storage and transportation costs

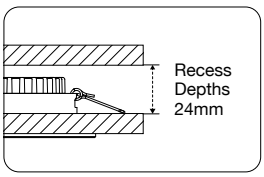
Applications
- Shops
- Offices
- Hotels
- Corridors
- Shopping malls
- Workstations
- Study rooms
- Display shelves
- Kitchen cabinets and counters
- Bathrooms
- Wardrobes



The latest MEGAMAN® Hybrid Reflector technology delivers excellent optical efficacy, better beam control and less spill light



Designed with a height of only 30mm, making it ideal for limited recess depths



Ultra-Low Profile version together with extra small drivers are now available, perfect for limited recess depths with only 24mm, such as furniture and cabinet lightings

Integrated LED luminaire

MEGAMAN®

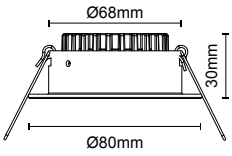
Indoor Lighting / Downlight

RICO HR

F53500RC / F53500RCv2



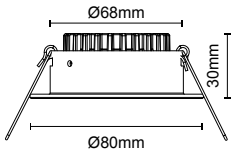
IP20 / IP44 | Class II | 25°



F53500RC-w/ru



IP20 / IP44 | Class II | 25°

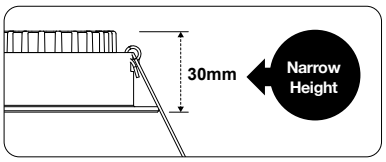


DC16-21V

White (WH26) | Silver (SV26) | Nickel (NI53)

Standard Version

Model No.	Input Current (mA)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-out (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Dimmable	Materials	Suggested Driver
F53500RC	350	6.5	500	77	36	1100	Ø80 x H30	Ø68	2800K/4000K	25000	Dimmable[2]	Metal housing with hybrid reflector	LD0509x1d-C350 U-DIM
F53500RC-w/ru Dim to WARM Ra97	350	6	500	83	36	1100	Ø80 x H30	Ø68	3000K-1800K (Ra95)	50000	Dimmable[2] (3000K-1800K)	Metal housing with hybrid reflector	LD0509x1d-C350 U-DIM
F53500RCv2	500	9	900	100	36	2400	Ø80 x H30	Ø68	2800K/4000K	50000[1]	Dimmable[2]	Metal housing with hybrid reflector	LD0512x1d-C500 U-DIM

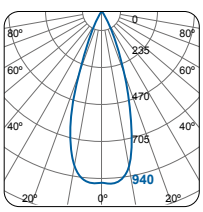


U-DIM™

Compatible with BOTH Leading-edge and Trailing-edge Conventional Dimmers for 100-5% Linear Dimming

when MEGAMAN® RICO HR working with MEGAMAN® drivers LD0509x1d-C350 and LD0512x1d-C500

F53500RC



m	Lux	Ø cm
0.5	3760	32
1	940	65
1.5	418	97
2	235	130

Beam angle = 36°

F53500RC-w/ru

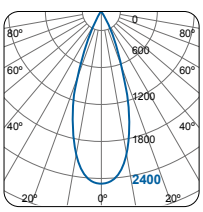
m	Lux	Ø cm
0.5	4471	32
1	1118	65
1.5	497	97
2	280	130

Beam angle = 36°

m	Lux	Ø cm
0.5	9600	32
1	2400	65
1.5	1067	97
2	600	130

Beam angle = 36°

F53500RCv2



m	Lux	Ø cm
0.5	9600	32
1	2400	65
1.5	1067	97
2	600	130

Beam angle = 36°

External driver with output current and nominal voltage corresponding to the input current and nominal voltage of the luminaire is required.
For example, the external driver with output current of 350mA and nominal voltage of DC16-21V is required for F53500RC.

[1] The rated life of F53500RC-w/ru and F53500RCv2 is 50,000hrs at L80B50 atTa25°C and L70B50 at Ta25°C respectively.
[2] Capable of linear dimming when working with DALI, DSI or 1-10V dimming d rivers, and the dimming performance depends on the specification of driver.

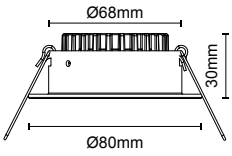
Integrated LED luminaire

RICO HR

F62300RC-r9 / F62300RCv1-r9



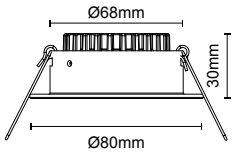
IP20 / IP44 | Class II | 25°



F62300RC-w/ru



IP20 / IP44 | Class II | 25°

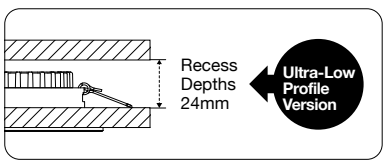


DC15-19V

White (WH26) | Silver (SV26) | Nickel (NI53)

Ultra-Low Profile Version

Model No.	Input Current (mA)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-out (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Dimmable	Materials	Suggested Driver
F62300RC-r9 Ra95	350	6.5	500	77	36	1100	Ø80 x H30	Ø68	2800K/4000K (Ra95)	25000	Dimmable [2]	Metal housing with hybrid reflector	LD0509x1d-C350 U-DIM
F62300RCv1-r9 Ra95	500	9	700	78	36	1650	Ø80 x H30	Ø68	2800K/4000K (Ra95)	25000	Dimmable [2]	Metal housing with hybrid reflector	LD0509x1d-C350 U-DIM
F62300RC-w/ru Dim to WARM Ra97	350	6	500	83	36	1100	Ø80 x H30	Ø68	3000K-1800K (Ra97)	50000	Dimmable [2] (3000K-1800K)	Metal housing with hybrid reflector	LD0509x1d-C350 U-DIM

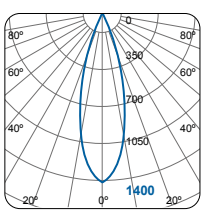


U-DIM™

Compatible with BOTH Leading-edge and Trailing-edge Conventional Dimmers for 100-5% Linear Dimming

when MEGAMAN® RICO HR working with MEGAMAN® drivers LD0509x1d-C350 and LD0512x1d-C500

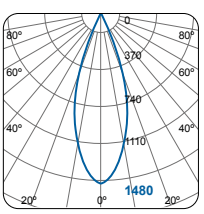
F62300RC-r9



m	Lux	Ø cm
0.5	5600	32
1	1400	65
1.5	622	97
2	350	130

Beam angle = 36°

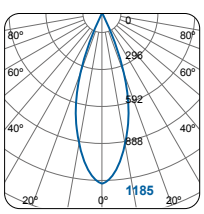
F62300RCv1-r9



m	Lux	Ø cm
0.5	5920	32
1	1480	65
1.5	658	97
2	370	130

Beam angle = 36°

F62300RC-w/ru



m	Lux	Ø cm
0.5	4740	32
1	1185	65
1.5	527	97
2	296	130

Beam angle = 36°

External driver with output current and nominal voltage corresponding to the input current and nominal voltage of the luminaire is required.
For example, the external driver with output current of 350mA and nominal voltage of DC16-21V is required for F53500RC.

[1] The rated life of F53500RC-w/ru and F62300RCv2 is 50000hrs at L70 B50 at Ta25°C
[2] Capable of linear dimming when working with DALI, DSI or 1-10V dimming drivers, and the dimming performance depends on the specification of driver.

TEGO 3 FRD



MEGAMAN® TEGO 3 FRD

Integrated LED Downlight

MEGAMAN® TEGO 3 integrated LED downlight comes with the Dual Beam Technology with offers a flexibility choice of two beam angles in one luminaire. Switching CCT as well as dimmable function provided flexibility and convenience at the same time with smart design. Optional thermal insulation guard available for using under thermal ceiling installation.

Features

- MEGAMAN® Dual Beam Technology (DBT) downlight, two beam angles (36° & 60°) in one fitting
- Dual CCT 2800K & 4000K and can be switched by tuning the lens
- Both beam angle and CCT can be changed in-situ, according to lighting requirements
- Universal dimming with smooth performance
- IP54 rated perfect to use in moisture area, e.g. bathroom
- Optional thermal insulation guard available for using under thermal ceiling installation
- Optional 5 finishing bezels (White, Black, Gold, Chrome & Brushed Nickel) available & can be easily interchanged
- Long lifetime 50,000hrs L70B50 at Ta25°C
- Tool-less wiring installation with loop in/loop out function

DBT · U-DIM · Switching CCT · Flicker free · IP54 · Up to 87lm/W

Applications

- Restaurants
- Hotels
- Offices
- Kitchens
- Corridors



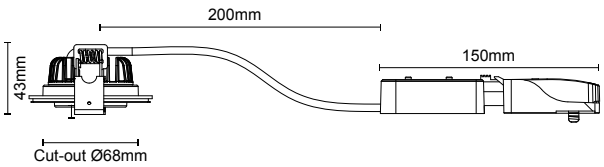
TEGO 3 FRD

FDS74600v0-dm/ds/sc





36° 60° IP20 IP54 Class II λ >0.9 Flicker Free

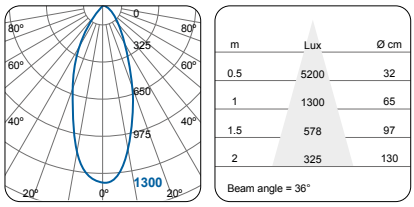


220-240V

White (WH12) Chrome (CH52) Brushed Nickel (NI53) Matt Black (BK22) Antique Brass (AB)

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Lm/W	Beam Angle (°)	CD	Dimension (mm)	Cut-out (mm)	ColourTemp. (Switchable)	Rated Life at L70B50 at Ta25°C (hrs)	Dimmable	Materials
FDS74600v0-dm/ds/sc	7.5/4	750/440 (2700K) 780/450 (3000K) 830/480 (4000K) 800/460 (6500K)	100/110 (2700K) 104/113 (3000K) 111/120 (4000K) 107/115 (6500K)	60	550	Ø84 x H43	Ø68	2700K/3000K 4000K/6500K	50000	1-100%	Aluminium housing + Polycarbonate diffuser

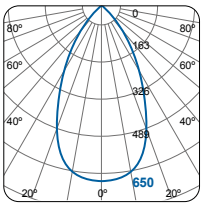
FDS73200v0-dm/db/sc+36°



m	Lux	Ø cm
0.5	5200	32
1	1300	65
1.5	578	97
2	325	130

Beam angle = 36°

FDS73200v0-dm/db/sc+60°



m	Lux	Ø cm
0.5	2600	58
1	650	115
1.5	289	173
2	163	231

Beam angle = 60°



Interchangeable bezel with 5 finishing (White, Chrome, Brushed Nickel, Matt Black & Antique Brass) enable flexibility of stock

Accessory



LA8175/WH
Bezel
(White)



LA8175/CH
Bezel
(Chrome)



LA8175/NI
Bezel
(Brushed Nickel)



LA8175/BK
Bezel
(Matt Black)



LA8175/AB
Bezel
(Antique Brass)

Integrated LED luminaire

FR-PRO

NEW



MEGAMAN® FR-PRO

Integrated LED Downlight

Features

- 30mins, 60mins and 90mins fire-rated full can design
- Slim and low profile design with 65mm deep only
- Fit with untra-thin IP20 / IP65 bezel with twist-lock installation
- IP20 and IP65 bezel options available
- White, Black, Chrome, Nicket and Gold detachable bezel options

IP20 / IP65

Applications

- Restaurants
- Hotels
- Offices
- Kitchens
- Corridors

Accessory



LA8169
IP65 bezel



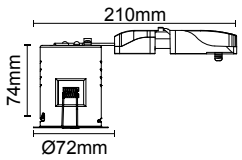
LA8168
IP20 bezel

FR-PRO

FDS74317v0



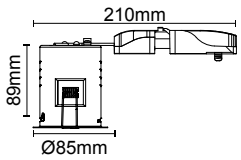
IP20 IP65



FDS74417V0



IP20



220-240V

White (WH12) Chrome (CH52) Brushed Nickel (NI53) Matt Black (BK22) Antique Brass (AB)

Model No.	Wattage (W)	Dimension (mm)	Cut-out (mm)	Light Source	Lamp Base	Tilting Angle	Materials
FDS74317v0	7	Ø72 x H74	Ø66	PAR16	GU10	Fixed	Steel
FDS74417V0	7	Ø85 x H89	Ø75	PAR16	GU10	Tiltable 30°	Steel

Bezel for TEGO FR-PRO FDS74317v0

Accessories	IP
LA8168/WH	20
LA8168/BK	20
LA8168/CH	20
LA8168/NI	20
LA8168/AB	20

Accessories	IP
LA8169/WH	65
LA8169/BK	65
LA8169/CH	65
LA8169/NI	65
LA8169/AB	65

Accessories	IP
LA8167/WH	XL D110 IP65

Adjustable Bezel for TEGO FR-PRO TILT FDS74417v0

Accessories	IP
LA8170/WH	20
LA8170/BK	20
LA8170/CH	20
LA8170/NI	20
LA8170/AB	20



Max. 7W
LED PAR16
GU10

MEGAMAN®

Quick fit connector

MEGAquick

NEW

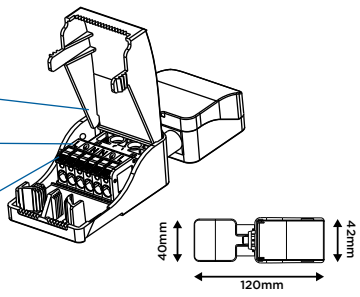


Quick fit connector - MEGAquick

Model No.	Series Name	Dimension (mm)	Description
LA6045 + LA6046	MEGAquick	L120 x W42 x H23	Quick fit connector

MEGAMAN®

1. Translucent lid to visibly check wiring possible
2. Loop-in Loop-out lever connector for tool less wiring
3. Push in terminal for easy installation



MEGAMAN®

Quick fit connector

MEGAquick



KANA 2

NEW



MEGAMAN® KANA 2

Integrated LED Downlight

Switching CCT | IP40 | Class II | Flicker free | 30000 hrs



KANA 2



MEGAMAN® KANA 2

Integrated LED Downlight

MEGAMAN® KANA 2 is a cost-effective sustainable downlight solution designed to replace traditional CFL downlights. Featuring LED technology allows further energy-saving and uniform light distribution. MEGAMAN® KANA 2 with a compact design which suitable for limited ceiling depths installation.

Features

- A range of recessed integrated LED downlights
- No external driver is required which facilitates easy installation and maintenance
- 3 CCT selectable
- Delivers uniform light distribution
- Range of sizes allowing retrofit for many conventional downlights in existing ceiling cut-outs
- Wide range compatibility of cut-out sizes
- Low in height and suitable for limited ceiling depths
- Value engineered with a minimum number of components for a cost-competitive solution

Switching CCT | IP40 | Class II | Flicker Free | 30000 hrs

Applications

- Retails
- Bathrooms
- Hotels
- Kitchens
- Offices
- Restaurants

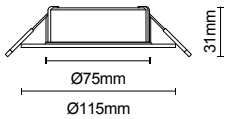
Integrated LED luminaire

KANA 2

FDM72300v0-sc



IP40 | Class II | Flicker Free



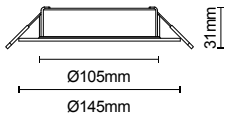
Ø75mm

Ø115mm

FDL74600v0-sc



IP40 | Class II | Flicker Free



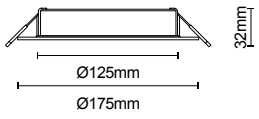
Ø105mm

Ø145mm

FDL74700v0-sc



IP40 | Class II | Flicker Free



Ø125mm

Ø175mm

220-240V

White (WH12)

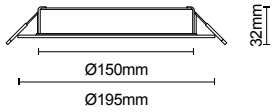
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. (Switchable)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FDM72300v0-sc	7	560 (3000K) 600 (4000K/6000K)	80 (3000K) 86 (4000K/6000K)	120	Ø115 x H31	Ø75-Ø90	3000/4000/6500K	35000	Plastic housing + PS diffuser
FDL74600v0-sc	10	800 (3000K) 1020 (4000K/6000K)	80 (3000K) 102 (4000K/6000K)	120	Ø145 x H31	Ø105-Ø125	3000/4000/6500K	35000	Plastic housing + PS diffuser
FDL74700v0-sc	13	1040 (3000K) 1300 (4000K/6000K)	80 (3000K) 100 (4000K/6000K)	120	Ø175 x H32	Ø125-Ø150	3000/4000/6500K	35000	Plastic housing + PS diffuser

KANA 2

FDL74800v0-sc



IP40 | Class II | Flicker Free



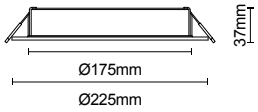
Ø150mm

Ø195mm

FDL74900v0-sc



IP40 | Class II | Flicker Free



Ø175mm

Ø225mm

220-240V

White (WH12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. (Switchable)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FDL74800v0-sc	19	1520 (3000K) 1700 (4000K/6000K)	80 (3000K) 89 (4000K/6000K)	120	Ø195 x H32	Ø150-Ø175	3000/4000/6500K	35000	Plastic housing + PS diffuser
FDL74900v0-sc	24	2000 (3000K) 2200 (4000K/6000K)	83 (3000K) 92 (4000K/6000K)	120	Ø225 x H37	Ø175-Ø200	3000/4000/6500K	35000	Plastic housing + PS diffuser

PLANEX



MEGAMAN® PLANEX

Downlight







MEGAMAN® PLANEX

Downlight

Ideal for any ceiling with limited depth, MEGAMAN® PLANEX has an ultra slim profile for small cabinets and furniture lighting where space is restricted. Working with LED GX53 lamps, it delivers excellent light output with up to 25,000 hours lifetime without the disadvantages of the extreme heat of halogens such as overheating, discolouration and deformation to furniture and display items.

Features
- Slim design with a recess depth of only 28mm for ultra low profile use
- Perfect for restricted spaces as well as conventional recessed applications
- Adjustable head (±20° tilt angle) for a subtle directional effect
- Can be built in to furniture
- End user serviceable GX53 LED lamp
- Lamp life up to 25,000 hours

Applications
- Restricted depth recessed ceilings
- Moodlighting in both domestic and hospitality use
- Furniture lighting
- Kitchen cabinets

MEGAMAN®

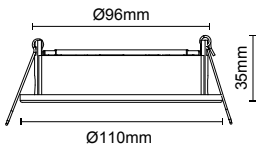
Indoor Lighting / Downlight

PLANEX

FDS70618v0



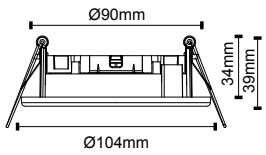
±20° IP20 Class II



L0504RC



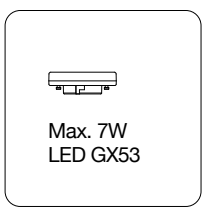
IP33 Class II

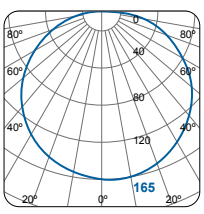


220-240V

Gold (GD41) Nickel (NI52) White (WH12) Silver (SV22) Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-out (mm)	Light Source	Lamp Base	Materials
FDS70618v0	7	Ø110 x H35	Ø96	LED GX53	GX53	Polycarbonate
L0504RC	9	Ø104 x H39	Ø90	LED GX53	GX53	Polycarbonate





PLANEX



MILENALITE



MEGAMAN® MILENALITE

Integrated LED Downlight

Flicker free | IP20 | Class II | 25000 hrs





Integrated LED luminaire

MILENALITE



MEGAMAN® MILENALITE

Integrated LED Downlight

Flicker free | IP20 | Class II | 25000 hrs

MEGAMAN® MILENALITE is a cost-effective sustainable downlight solution designed to replace traditional CFL downlights. Featuring LED technology for high luminous efficacy, it allows further energy-saving and uniform light distribution. MEGAMAN® MILENALITE does not require external driver facilitate easy installation and maintenance. The compact design is suitable for limited ceiling depths.

Features

- A range of recessed integrated LED downlights with different optics, including diffuser, reflector and lens version
- No external driver required which facilitates easy installation and maintenance
- Delivers uniform light distribution
- Range of sizes allowing retrofit for many conventional downlights in existing ceiling cut-outs
- Slim design suitable for limited ceiling depths

Applications

- Retails
- Bathrooms
- Hotels
- Kitchens
- Offices
- Restaurants

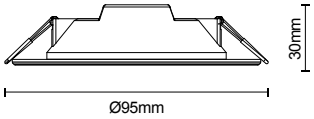
Integrated LED luminaire

MILENALITE

FDS73400v0



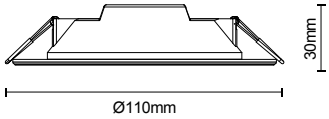
120° IP20 Class II Flicker Free



FDS73500v0



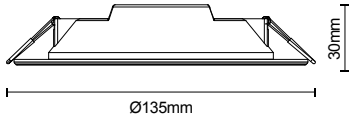
120° IP20 Class II Flicker Free



FDM71700v0



120° IP20 Class II Flicker Free



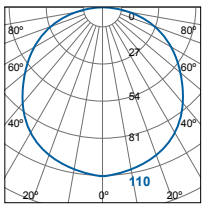
220-240V

White (WH12)

Diffuser

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FDS73400v0	5	370 (3000K) 400 (4000K/6500K)	74 (3000K) 80 (4000K/6500K)	120	Ø95 x H30	Ø75	3000K/4000K/6500K	25000	Polycarbonate
FDS73500v0	7	520 (3000K) 560 (4000K/6500K)	74 (3000K) 80 (4000K/6500K)	120	Ø110 x H30	Ø90	3000K/4000K/6500K	25000	Polycarbonate
FDM71700v0	9	670 (3000K) 720 (4000K/6500K)	74 (3000K) 80 (4000K/6500K)	120	Ø135 x H30	Ø105	3000K/4000K/6500K	25000	Polycarbonate

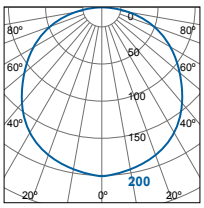
FDS73400v0



m	Lux	Ø cm
0.5	440	173
1	110	346
1.5	49	520
2	28	693

Beam angle = 120°

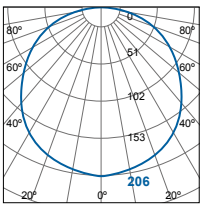
FDS73500v0



m	Lux	Ø cm
0.5	800	173
1	200	346
1.5	89	520
2	50	693

Beam angle = 120°

FDM71700v0



m	Lux	Ø cm
0.5	824	173
1	206	346
1.5	92	520
2	52	693

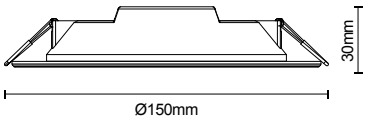
Beam angle = 120°

MILENALITE

FDM71800v0



120° IP20 Class II Flicker Free

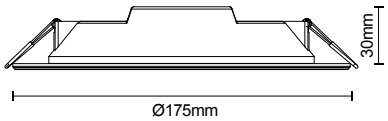


Ø150mm

FDL73800v0



120° IP20 Class II Flicker Free

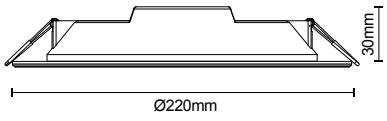


Ø175mm

FDL73900v0



120° IP20 Class II Flicker Free



Ø220mm

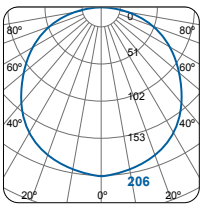
220-240V

White (WH12)

Diffuser

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FDM71800v0	12	870 (3000K) 960 (4000K/6500K)	76 (3000K) 80 (4000K/6500K)	120	Ø150 x H30	Ø120	3000K/4000K/6500K	25000	Polycarbonate
FDL73800v0	15	1200 (3000K) 1300 (4000K/6500K)	76 (3000K) 80 (4000K/6500K)	120	Ø175 x H30	Ø150	3000K/4000K/6500K	25000	Polycarbonate
FDS73900v0	24	1800 (3000K) 1950 (4000K/6500K)	76 (3000K) 80 (4000K/6500K)	120	Ø220 x H30	Ø200	3000K/4000K/6500K	25000	Polycarbonate

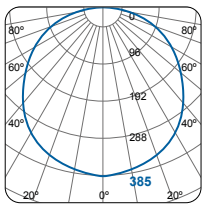
FDM71800v0



m	Lux	Ø cm
0.5	824	173
1	206	346
1.5	92	520
2	52	693

Beam angle = 120°

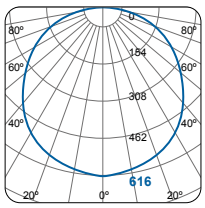
FDL73800v0



m	Lux	Ø cm
0.5	1540	173
1	385	346
1.5	171	520
2	96	693

Beam angle = 120°

FDS73900v0



m	Lux	Ø cm
0.5	2464	173
1	616	346
1.5	274	520
2	154	693

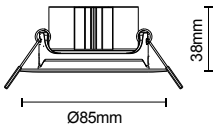
Beam angle = 120°

MILENALITE

FDS72800v0
FDS72800v1



36° IP20 Class II Flicker Free



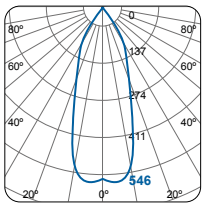
220-240V

White (WH12)

Reflector

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FDS72800v0	5	300 (3000K) 330 (4000K/6500K)	60 (3000K) 66 (4000K/6500K)	36	Ø85 x H38	Ø70	3000K/4000K/6500K	25000	PBT
FDS72800v1	7	430 (3000K) 460 (4000K/6500K)	61 (3000K) 66 (4000K/6500K)	36	Ø85 x H38	Ø70	3000K/4000K/6500K	25000	PBT

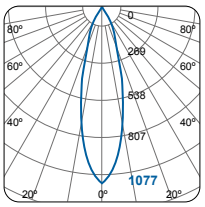
FDS72800v0



m	Lux	Ø cm
0.5	2184	32
1	546	65
1.5	243	97
2	137	130

Beam angle = 36°

FDS72800v1



m	Lux	Ø cm
0.5	4308	32
1	1077	65
1.5	479	97
2	269	130

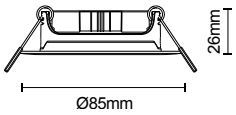
Beam angle = 36°

MILENALITE

FDS72900v0
FDS72900v1



36° | IP20 | Class II | Flicker Free



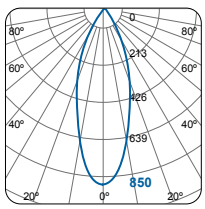
220-240V

White (WH12)

Lens

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FDS72900v0	5	400 (3000K) 430 (4000K/6500K)	80 (3000K) 86 (4000K/6500K)	36	Ø85 x H26	Ø70	3000K/4000K/6500K	25000	PBT
FDS72900v1	7	560 (3000K) 600 (4000K/6500K)	80 (3000K) 86 (4000K/6500K)	36	Ø85 x H26	Ø70	3000K/4000K/6500K	25000	PBT

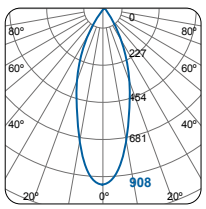
FDS72900v0



m	Lux	Ø cm
0.5	3400	32
1	850	65
1.5	378	97
2	213	130

Beam angle = 36°

FDS72900v1



m	Lux	Ø cm
0.5	3632	32
1	908	65
1.5	404	97
2	227	130

Beam angle = 36°

KAYLA



MEGAMAN® KAYLA

Scenes Setting LED Downlight

IP20 | Class II | Scenes Setting | λ >0.9 | Flicker Free









KAYLA



MEGAMAN® KAYLA

Scenes Setting LED Downlight

MEGAMAN® KAYLA is LED downlight with scenes setting function via wall switch, suitable for interior designing to enhance the atmosphere and beauty of lighting for residential and commercial application.

Features

- Scenes setting with memory function
- 3 scenes setting via on/off switch
- Integrated design easy installation
- Loop through function available
- Compatible with different wires from 0.75mm^2, 1.0mm^2 and 1.5mm^2
- Easy installaion thanks for the bulid in cable clamp

IP20 | Class II | Scenes Setting | λ >0.9 | Flicker Free

Applications

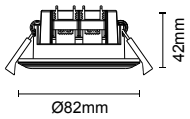
- Hotels
- Corridors
- Bedroom
- Residential application

KAYLA

FDS72200v0-ss



IP20 | Class II | Flicker Free

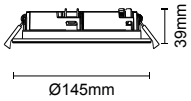


Ø82mm

FDM71100v0-ss



IP20 | Class II | Flicker Free

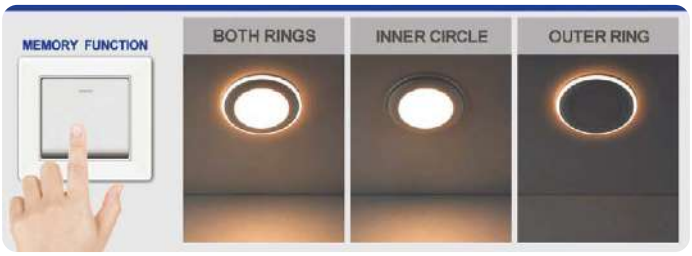


Ø145mm

220-240V

White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Dimension (mm)	Cut-out (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Scenes Setting
FDS72200v0-ss	4	350	2700K/4000K	Ø82 x H42	Ø65	25000	3 Scenes
FDM71100v0-ss	8.4	800	2700K/4000K	Ø145 x H39	Ø130	25000	3 Scenes

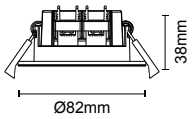


KAYLA

FDS72500v0-ss



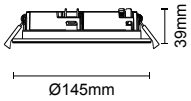
IP20 | Class II | Flicker Free



FDM71200v0-ss



IP20 | Class II | Flicker Free



220-240V

White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Dimension (mm)	Cut-out (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Scenes Setting
FDS72500v0-ss	4	350	2700K/4000K	Ø82 x 38	Ø65	25000	3 Scenes
FDM71200v0-ss	8.4	800	2700K/4000K	Ø145 x 39	Ø130	25000	3 Scenes



TINA

NEW



MEGAMAN® TINA

Adjustable Recessed Step Light

MEGAMAN® TINA is step light enhance both safety and aesthetics, creating a seamless transition between spaces. MEGAMAN® TINA provides a soft glow, reflecting off to make spaces feel open and cohesive, blending perfectly with the home's design via rotatable emission area to provide direct or indirect lighting suitable for different lighting atmosphere.

IP20 | 120° | 30000 hrs

Features
- Adjustable light source in the front
- Rotatory light source to achieve direct and indirect lighting
- Easy connection for conduit or switch installation
- Suitable for staircase application

Applications
- Staircase
- Bedroom
- Residential application
- Hotels

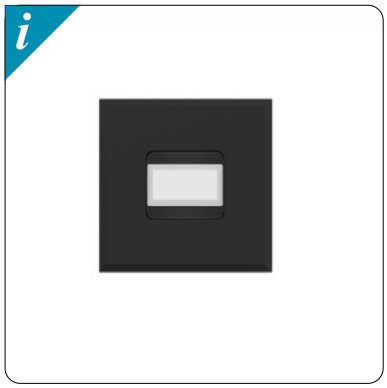


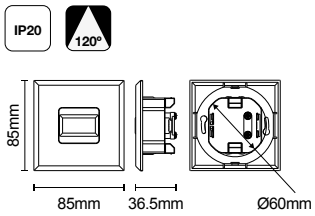
Rotatory light source in the front to carter direct or indirect lighting



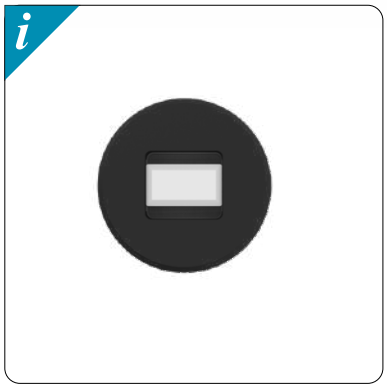
TINA

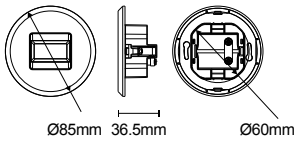
FDS74900v0





FDS75400v0





220-240V

White (WH12) Silver (SV22) Black (BK12)

Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	CRI	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)
FDS74900v0	1	45 (3000K) direct 10 (3000K) indirect	3000K	≥80	L85 x W85 x H36.5	30000
FDS75400v0	1	45 (3000K) direct 10 (3000K) indirect	3000K	≥80	D85 x H36.5	30000

Installation method 1



Screw to fix the step light into junction box

Installation method 2



Tighten the screws to lock the claws on the junction box

GEO 3



MEGAMAN® GEO 3

High Bay

DALI 2.0 | Microwave Motion Sensor | DC0-10V | 10% 30% 50% Stand-by Dim Level | IP65 | IK08 | Flicker free | 70000 hrs





Integrated LED luminaire

GEO 3



MEGAMAN® GEO 3

High Bay

MEGAMAN® GEO 3 with a smart looking design in durable die-cast aluminium housing with anti-corrosion coating. Modular plug and play microwave motion sensor with standby dimming which configuring by optional remote controller for energy saving and safety consideration. Four selectable lumen output enhance the flexibility of application.

Features

- Replacement for traditional high bay in durable die-cast aluminum with anti-corrosion powder coating
- High luminous efficacy with up to 180lm/W
- Easy installation with single point hook mounting design
- IP65 protection and high vandal resistant with IK08 50,000hrs at L80B10 at Ta40°C ; 70,000hrs at L70B50 at Ta25°C
- Modular plug and play microwave motion sensor, with standby dimming (configuring by optional remote controller).
- Equipped with 50cm length H05RN-F 3*1.0mm2 power cable with IP65 connector
- High surge protection level: 6000V (L-N) ; 6000V (L,N-PE)
- Operation temperature -30°C to +50°C



Applications

- High-ceiling areas
- Halls
- Warehouses
- General manufacturing

GEO 3



Microwave Sensor Module / Stand-By Dim Level

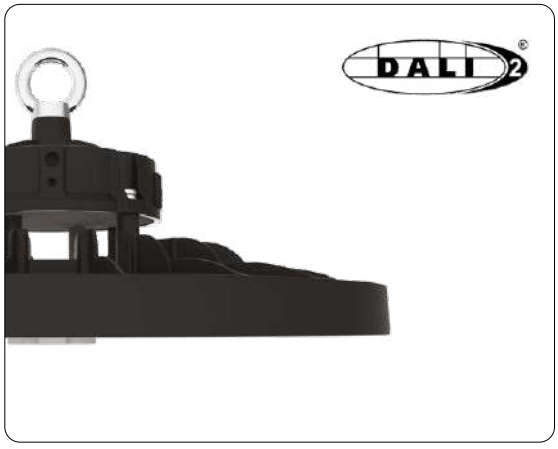


Selectable Lumen Output

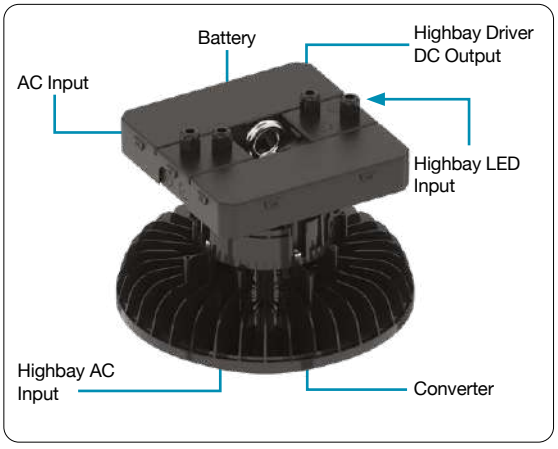


150W	27000 lm	200W	36000 lm
120W	21600 lm	180W	32400 lm
100W	18000 lm	150W	27000 lm
70W	12600 lm	120W	21600 lm

DALI 2.0 version available soon



Emergency Kit for GEO 3

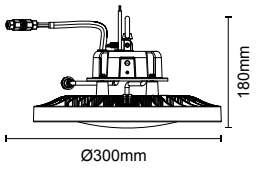


GEO 3

FHB72300v0-ds/dc



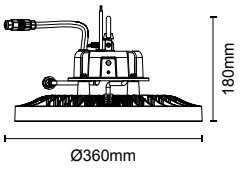
110° IP65 IK08 λ >0.9 Flicker Free



FHB72400v0-ds/dc



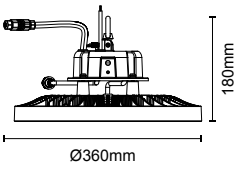
110° IP65 IK08 λ >0.9 Flicker Free



FHB72300v0-da



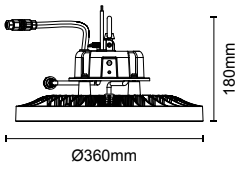
110° IP65 IK08 λ >0.9 Flicker Free



FHB72400v0-da



110° IP65 IK08 λ >0.9 Flicker Free



220-240V

Black (BK12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta40°C (hrs)	Dimmable	Power Factor (λ)	Materials
FHB72300v0-ds/dc	150/120/100/70 Selectable	27000/21600/18000/12600	180	Ø300 x H180	4000K	50000	0-10V ON/OFF	> 0.9	Graphene Housing, PC diffuser
FHB72400v0-ds/dc	200/180/150/120 Selectable	36000/32400/27000/21600	180	Ø360 x H180	4000K	50000	0-10V ON/OFF	> 0.9	Graphene Housing, PC diffuser
FHB72300v0-da	150	27000	180	Ø300 x H180	4000K	50000	DALI 2.0	> 0.9	Graphene Housing, PC diffuser
FHB72400v0-da	200	36000	180	Ø360 x H180	4000K	50000	DALI 2.0	> 0.9	Graphene Housing, PC diffuser

Accessory



LA11225
Emergency Kit 5W 3H



LA11233
Sensor



LA11234
Remote Control

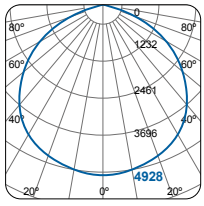


LA11250
Battery

Integrated LED luminaire

GEO 3

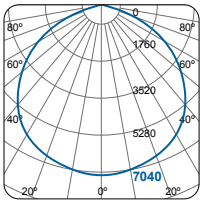
FHB72300v0-ds/dc(70W)



m	Lux	Ø cm
0.5	19712	143
1	4928	286
1.5	2190	428
2	1232	571

Beam angle = 110°

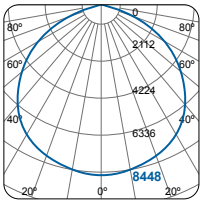
FHB72300v0-ds/dc(100W)



m	Lux	Ø cm
0.5	28160	143
1	7040	286
1.5	3129	428
2	1760	571

Beam angle = 110°

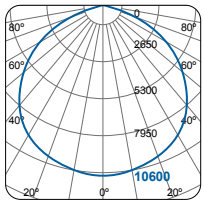
FHB72300v0-ds/dc(120W)



m	Lux	Ø cm
0.5	33792	143
1	8448	286
1.5	3755	428
2	2112	571

Beam angle = 110°

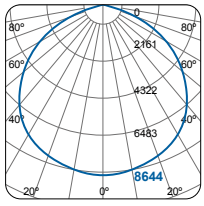
FHB72300v0-ds/dc(150W)



m	Lux	Ø cm
0.5	42400	143
1	10600	286
1.5	4711	428
2	2650	571

Beam angle = 110°

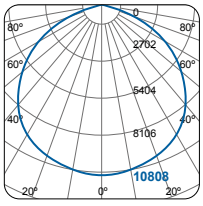
FHB72400v0-ds/dc(120W)



m	Lux	Ø cm
0.5	34576	143
1	8644	286
1.5	3842	428
2	2161	571

Beam angle = 110°

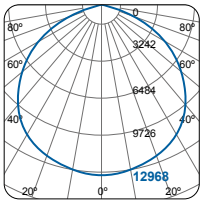
FHB72400v0-ds/dc(150W)



m	Lux	Ø cm
0.5	43232	143
1	10808	286
1.5	4804	428
2	2702	571

Beam angle = 110°

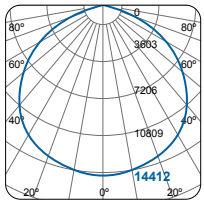
FHB72400v0-ds/dc(180W)



m	Lux	Ø cm
0.5	51872	143
1	12968	286
1.5	5764	428
2	3242	571

Beam angle = 110°

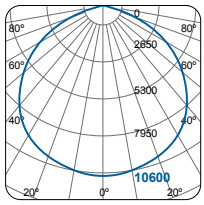
FHB72400v0-ds/dc(200W)



m	Lux	Ø cm
0.5	57648	143
1	14412	286
1.5	6405	428
2	3603	571

Beam angle = 110°

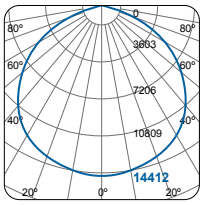
FHB72300v0-da(150W)



m	Lux	Ø cm
0.5	42400	143
1	10600	286
1.5	4711	428
2	2650	571

Beam angle = 110°

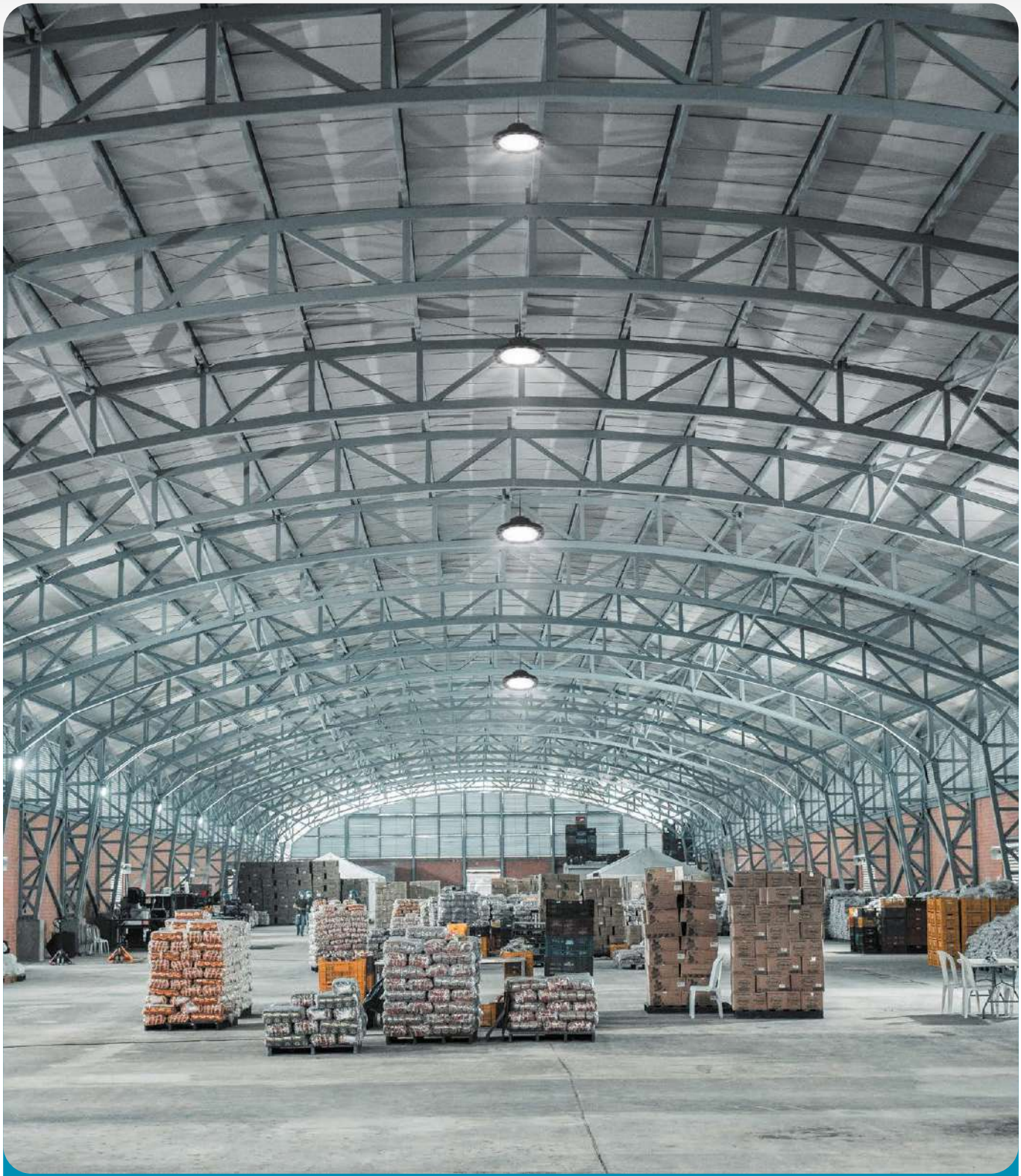
FHB72400v0-da(200W)



m	Lux	Ø cm
0.5	57648	143
1	14412	286
1.5	6405	428
2	3603	571

Beam angle = 110°

GEO 3



Integrated LED luminaire

KEO 2



MEGAMAN® KEO 2

High Bay

Microwave Motion Sensor | IP65 | IK08 | 50000 hrs | 90° | λ >0.9







Integrated LED luminaire

KEO 2



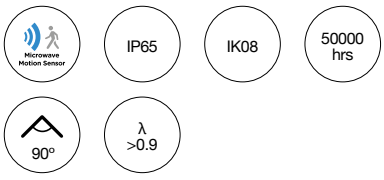
MEGAMAN® KEO 2

High Bay

MEGAMAN® KEO 2 is a cost-effective high bay with a smart looking design in durable die-cast aluminum housing with anti-corrosion coating. Modular plug and play microwave motion sensor which configuring by optional remote controller for energy saving. Selectable lumen output enhance the flexibility of application.

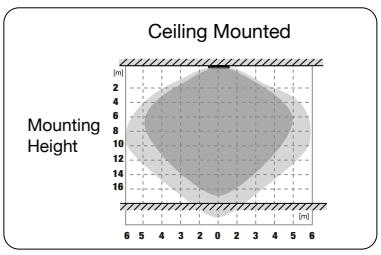
Features

- Replacement for traditional high bay in durable die-cast aluminum with anti-corrosion powder coating
- High luminous efficacy with up to 165lm/W
- Easy installation with single point hook mounting design
- IP65 protection and high vandal resistant with IK08
- Long life time span 50,000hrs at L70B50 at Ta25°C
- Modular plug and play microwave motion sensor (configuring by optional remote controller).
- Equipped with 30cm length H05RN-F 3*1.0mm2 power cable with IP65 connector
- High surge protection level: 6kV (L-N) ; 6kV (L,N-PE)
- Operation temperature -30°C to +50°C



Applications

- High-ceiling areas
- Halls
- Warehouses
- General manufacturing



MEGAMAN® KEO 2 microwave sensor detects movement within around 5-6m radius horizontally and / or 10-12m vertically beneath sensor, and only lights up when movement detected for energy saving.

MEGAMAN®

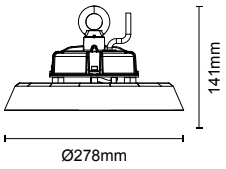
Indoor Lighting / High Bay

KEO 2

FHB72500v0-ds



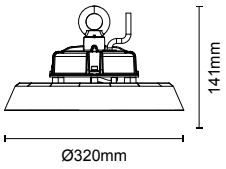
90° IP65 IK08 λ >0.9 Flicker Free



FHB72600v0-ds



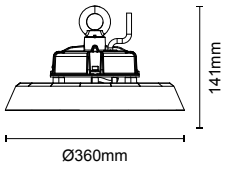
90° IP65 IK08 λ >0.9 Flicker Free



FHB72700v0-ds



90° IP65 IK08 λ >0.9 Flicker Free



220-240V

Black (BK13)

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FHB72500v0-ds	100/80/60	15500/12800/9900	155/160/165	90	Ø278 x H141	4000K	50000	0.9	Aluminium Diecast housing + Polycarbonate diffuser
FHB72600v0-ds	150/120/80	23250/19200/1320	155/160/165	90	Ø320 x H141	4000K	50000	0.9	Aluminium Diecast housing + Polycarbonate diffuser
FHB72700v0-ds	200/150/100	31000/24000/1650	155/160/165	90	Ø360 x H141	4000K	50000	0.9	Aluminium Diecast housing + Polycarbonate diffuser

Accessory



LA11201
Microwave Motion Sensor



LA11207
Motion Sensor Remote - Pro



LA11202
Motion Sensor Remote - Standard



LA11238
100W Alum Reflector Standard



LA11239
150W Alum Reflector Standard



LA11240
200W Alum Reflector Standard



LA11241
100W PC Reflector



LA11242
150W PC Reflector



LA11243
200W PC Reflector



LA11237
Universal Rotatable Bracket



LA11236
Safety Chain



LA11244
100W Safe Guard



LA11245
150W Safe Guard

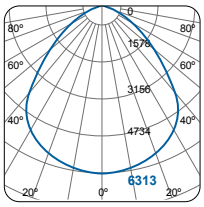


LA11246
200W Safe Guard

Integrated LED luminaire

KEO 2 Photometric Data

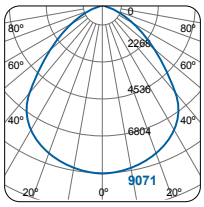
FHB72600v0-ds (80W)



m	Lux	Ø cm
0.5	25252	100
1	6313	200
1.5	2806	300
2	1578	400

Beam angle = 90°

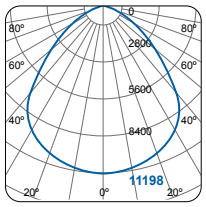
FHB72600v0-ds (120W)



m	Lux	Ø cm
0.5	36284	100
1	9071	200
1.5	4032	300
2	2268	400

Beam angle = 90°

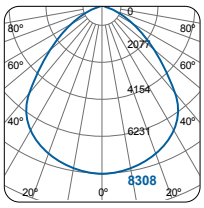
FHB72600v0-ds (150W)



m	Lux	Ø cm
0.5	44792	100
1	11198	200
1.5	4977	300
2	2800	400

Beam angle = 90°

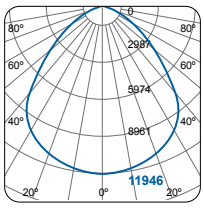
FHB72700v0-ds (100W)



m	Lux	Ø cm
0.5	33232	100
1	8308	200
1.5	3692	300
2	2077	400

Beam angle = 90°

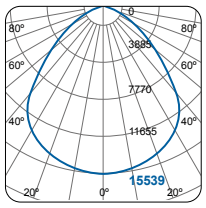
FHB72700v0-ds (150W)



m	Lux	Ø cm
0.5	47784	100
1	11946	200
1.5	5309	300
2	2987	400

Beam angle = 90°

FHB72700v0-ds (200W)



m	Lux	Ø cm
0.5	62156	100
1	15539	200
1.5	6906	300
2	3885	400

Beam angle = 90°



TONO 3


NEW
MEGAMAN® TONO 3
Integrated LED Batten
Wattage Selectable
CCT Switchable
Up to 120 lm/W
Flicker Free
50000 hrs

TONO 3



MEGAMAN® TONO 3

Integrated LED Batten

MEGAMAN® TONO 3 slim batten is a cost-effective and reliable indoor LED batten minimizing the initial investment without compromising flexibility of 3 wattage switchable and 4 CCT selectable. The luminaire is not only saving much energy costs compared to traditional battens, but also offering a longer lifetime. This results in significantly lower operational costs, ensuring a payback that meets the needs of the specification market.

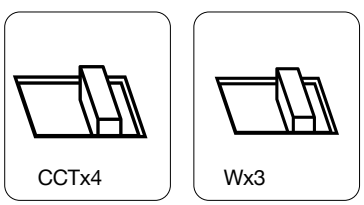
Features

- MEGAMAN® TONO 3 is an integrated LED batten, as an ideal alternative to T5 and T8 fluorescent fittings
- Tri-Wattage and 4CCT switchable offers a variety of applications and flexibility
- UK BESA connection box compatible
- Flicker free
- Available in 5 different sizes, i.e.: 600mm, 900mm, 1200mm, 1500mm and 1800mm
- Enhancing efficacy up to 135lm/W
- Ultra long life time (50,000hrs at L70B50 at Ta25°C)
- Shatter proof
- Ultra slim design
- Replaceable Light Source
- Replaceable Control Gear
- ON/OFF switch version available



Applications

- Residential lighting
- Under cabinet
- Staircases
- Corridors
- Factories
- Warehouse

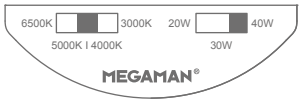


TONO 3

FIB79400v0-ds/sc
FIB79500v0-ds/sc
FIB79600v0-ds/sc

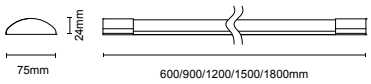






Tri-Wattage Version

IP20 | λ >0.9 | Class II | Flicker Free



220-240V

White (WH12)

Tri-Wattage Version

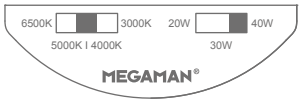
Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/w)	Beam Angle (°)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L70B50 at Ta25°C (hrs)	Material
FIB79400v0-ds/sc	20/15/10	20W 2200lm (3000K) 20W 2400lm (4000K) 20W 2400lm (5000K) 20W 2200lm (6500K) 15W 1730lm (3000K) 15W 1850lm (4000K) 15W 1850lm (5000K) 15W 1730lm (6500K) 10W 1200lm (3000K) 10W 1250lm (4000K) 10W 1250lm (5000K) 10W 1200lm (6500K)	110 120 120 120 115 123 123 115 120 125 125 120	110	L600 x W75 x H24	3000K/4000K 5000K/6500K	50000	Polycarbonate
FIB79500v0-ds/sc	30/20/15	30W 3300lm (3000K) 30W 3600lm (4000K) 30W 3600lm (5000K) 30W 3300lm (6500K) 20W 2300lm (3000K) 20W 2500lm (4000K) 20W 2500lm (5000K) 20W 2300lm (6500K) 15W 1800lm (3000K) 15W 1950lm (4000K) 15W 1950lm (5000K) 15W 1800lm (6500K)	110 120 120 110 115 125 125 115 120 130 130 120	110	L900 x W75 x H24	3000K/4000K 5000K/6500K	50000	Polycarbonate
FIB79600v0-ds/sc	40/30/20	40W 4400lm (3000K) 40W 5000lm (4000K) 40W 5000lm (5000K) 40W 4600lm (6500K) 30W 3450lm (3000K) 30W 3900lm (4000K) 30W 3900lm (5000K) 30W 3600lm (6500K) 20W 2400lm (3000K) 20W 2700lm (4000K) 20W 2700lm (5000K) 20W 2500lm (6500K)	110 125 125 115 115 130 130 120 120 135 135 125	110	L1200 x W75 x H24	3000K/4000K 5000K/6500K	50000	Polycarbonate

TONO 3

FIB79700v0-ds/sc
FIB79800v0-ds/sc

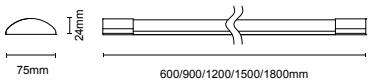






Tri-Wattage Version

IP20 | λ >0.9 | Class II | Flicker Free



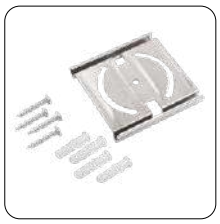
220-240V

White (WH12)

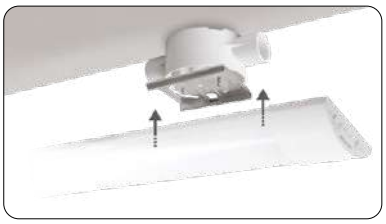
Tri-Wattage Version

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/w)	Beam Angle (°)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L70B50 at Ta25°C (hrs)	Material
FIB79700v0-ds/sc	50/40/30	50W 5500lm (3000K) 50W 6250lm (4000K) 50W 6250lm (5000K) 50W 5750lm (6500K) 40W 4600lm (3000K) 40W 5200lm (4000K) 40W 5200lm (5000K) 40W 4800lm (6500K) 30W 3600lm (3000K) 30W 4050lm (4000K) 30W 4050lm (5000K) 30W 3750lm (6500K)	110 125 125 115 115 130 130 120 120 135 135 125	110	L1500 x W75 x H24	3000K/4000K 5000K/6500K	50000	Polycarbonate
FIB79800v0-ds/sc	60/50/40	60W 6600lm (3000K) 60W 7500lm (4000K) 60W 7500lm (5000K) 60W 6900lm (6500K) 50W 5750lm (3000K) 50W 6500lm (4000K) 50W 6500lm (5000K) 50W 6000lm (6500K) 40W 4800lm (3000K) 40W 5400lm (4000K) 40W 5400lm (5000K) 40W 5000lm (6500K)	110 125 125 115 115 130 130 120 120 135 135 125	110	L1800 x W75 x H24	3000K/4000K 5000K/6500K	50000	Polycarbonate

Optional Accessory



UK BESA Box Mounting Set



UK BESA Box Compatible



Surface Cable Wiring Mounting Set



Optional Mounting Stand for Surface Cable Wiring

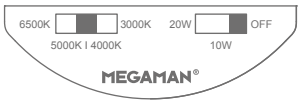
Integrated LED luminaire

TONO 3

FIB79400v0-ds/os/sc
FIB79500v0-ds/os/sc FIB79700v0-ds/os/sc
FIB79600v0-ds/os/sc FIB79800v0-ds/os/sc

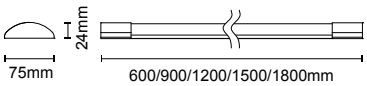






ON/OFF Switch Version

IP20 | λ >0.9 | Class II | Flicker Free



220-240V

White (WH12)

ON/OFF Switch Version

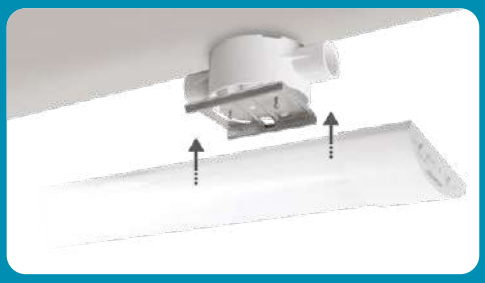
Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/w)	Beam Angle (°)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L70B50 at Ta25°C (hrs)	Material
FIB79400v0-ds/os/sc	20/10	20W 2200lm (3000K) 20W 2400lm (4000K) 20W 2400lm (5000K) 20W 2200lm (6500K) 10W 1200lm (3000K) 10W 1250lm (4000K) 10W 1250lm (5000K) 10W 1200lm (6500K)	110 120 120 110 120 125 125 120	110	L600 x W75 x H24	3000K/4000K 5000K/6500K	50000	Polycarbonate
FIB79500v0-ds/os/sc	30/15	30W 3300lm (3000K) 30W 3600lm (4000K) 30W 3600lm (5000K) 30W 3300lm (6500K) 15W 1800lm (3000K) 15W 1950lm (4000K) 15W 1950lm (5000K) 15W 1800lm (6500K)	110 120 120 110 120 130 130 120	110	L900 x W75 x H24	3000K/4000K 5000K/6500K	50000	Polycarbonate
FIB79600v0-ds/os/sc	40/20	40W 4400lm (3000K) 40W 5000lm (4000K) 40W 5000lm (5000K) 40W 4600lm (6500K) 20W 2400lm (3000K) 20W 2700lm (4000K) 20W 2700lm (5000K) 20W 2500lm (6500K)	110 125 125 115 120 135 135 125	110	L1200 x W75 x H24	3000K/4000K 5000K/6500K	50000	Polycarbonate
FIB79700v0-ds/os/sc	50/30	50W 5500lm (3000K) 50W 6250lm (4000K) 50W 6250lm (5000K) 50W 5750lm (6500K) 30W 3600lm (3000K) 30W 4050lm (4000K) 30W 4050lm (5000K) 30W 3750lm (6500K)	110 125 125 115 120 135 135 125	110	L1500 x W75 x H24	3000K/4000K 5000K/6500K	50000	Polycarbonate
FIB79800v0-ds/os/sc	60/40	60W 6600lm (3000K) 60W 7500lm (4000K) 60W 7500lm (5000K) 60W 6900lm (6500K) 40W 4800lm (3000K) 40W 5400lm (4000K) 40W 5400lm (5000K) 40W 5000lm (6500K)	110 125 125 115 120 135 135 125	110	L1800 x W75 x H24	3000K/4000K 5000K/6500K	50000	Polycarbonate

TONO 3

Optional Accessory



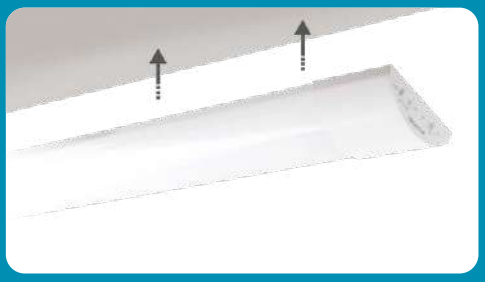
UK BESA Box Mounting Set



UK BESA Box Compatible



Standard Surface Mounting Set



Standard for Surface Mounting



Surface Cable Wiring Mounting Set

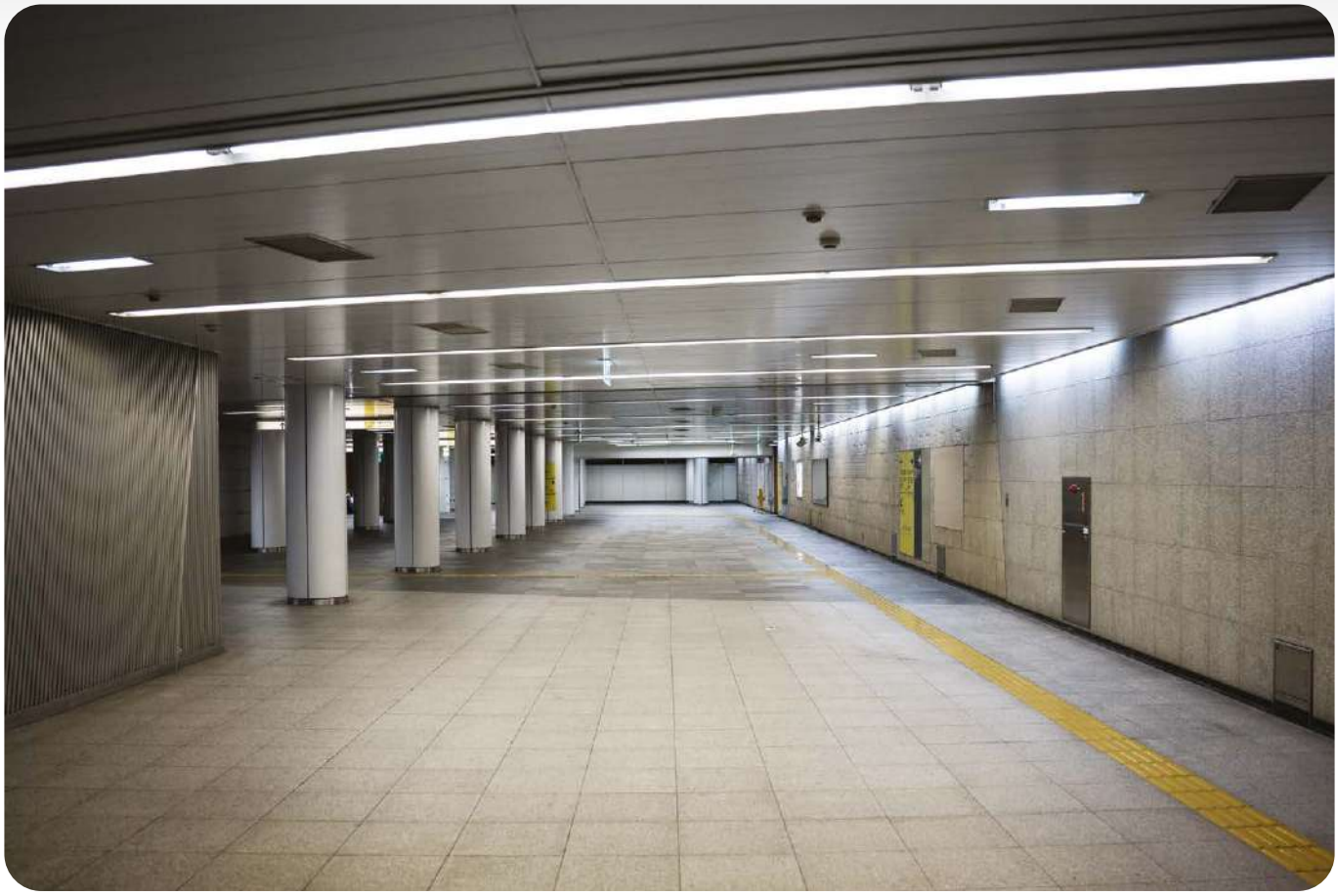


Optional Mounting Stand for Surface Cable Wiring

GARRON 2


NEW
Replaceable
LED &
Driver
100%
0% / 20%
STAND-BY
MEGAMAN® GARRON 2
Integrated LED Batten
Microwave
Motion Sensor
3h
IP20
110°
Flicker
free
50000
hrs

GARRON 2



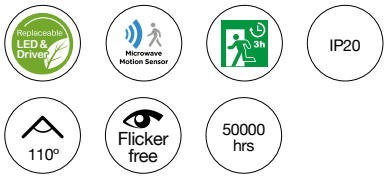
MEGAMAN® GARRON 2

Integrated LED Batten

MEGAMAN® GARRON 2 is an ideal replacement for conventional indoor batten with optional features of built in microwave sensor and 3 hours emergency kit to provide functional flexibility as a solution for general lighting that provide quality of light.

Features

- High/Low Lumen Output
- 3 CCT selectable 3000K, 4000K, 6000K
- Modular MS, EM module, Interchangeable with ROCCA 2
- Free open design, easy for installation
- Compatible with BESA box
- 3-direction cable inlet design



Applications

- Residential lighting
- Schools
- Factories
- Corridors
- Warehouses

MEGAMAN®

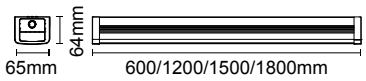
Indoor Lighting / Batten

GARRON 2

FIB79000v0-ds/sc
FIB79100v0-ds/sc
FIB79200v0-ds/sc
FIB79300v0-ds/sc



IP20 | λ >0.9 | 110°



220-240V

White (WH12)

STANDARD VERSION

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp. (Switchable)	Beam Angle (°)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FIB79000v0-ds/sc	20/10	2040/1100 (3000K) 2400/1300 (4000K) 2160/1170 (6000K)	102/110 (3000K) 120/130 (4000K) 108/117 (6000K)	3000K/4000K/6000K	110	L600 x W64 x H65	50000	Metal housing + PC diffuser
FIB79100v0-ds/sc	40/20	4080/2200 (3000K) 4800/2600 (4000K) 4320/2340 (6000K)	102/110 (3000K) 120/130 (4000K) 108/117 (6000K)	3000K/4000K/6000K	110	L1200 x W64 x H65	50000	Metal housing + PC diffuser
FIB79200v0-ds/sc	60/30	6120/3300 (3000K) 7200/3900 (4000K) 6480/3510 (6000K)	102/110 (3000K) 120/130 (4000K) 108/117 (6000K)	3000K/4000K/6000K	110	L1500 x W64 x H65	50000	Metal housing + PC diffuser
FIB79300v0-ds/sc	84/42	8568/4620 (3000K) 10080/5460 (4000K) 9072/4914 (6000K)	102/110 (3000K) 120/130 (4000K) 108/117 (6000K)	3000K/4000K/6000K	110	L1800 x W64 x H65	50000	Metal housing + PC diffuser

Accessory



LA10243
Motion Sensor Module for GARRON 2



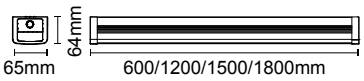
LA10244
Emergency Kit Module (Self-test and Non self-test selectable) for GARRON 2 and ROCCA 2

GARRON 2 Standby dim

FIB79000v0-dp/ds/sc*
FIB79100v0-dp/ds/sc*
FIB79200v0-dp/ds/sc*
FIB79300v0-dp/ds/sc*



IP20 | λ >0.9 | 110°



220-240V

White (WH12)

STANDBY DIM VERSION

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp. (Switchable)	Beam Angle (°)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FIB79000v0-dp/ds/sc*	20/10	2040/1100 (3000K) 2400/1300 (4000K) 2160/1170 (6000K)	102/110 (3000K) 120/130 (4000K) 108/117 (6000K)	3000K/4000K/6000K	110	L600 x W64 x H65	50000	Metal housing + PC diffuser
FIB79100v0-dp/ds/sc*	40/20	4080/2200 (3000K) 4800/2600 (4000K) 4320/2340 (6000K)	102/110 (3000K) 120/130 (4000K) 108/117 (6000K)	3000K/4000K/6000K	110	L1200 x W64 x H65	50000	Metal housing + PC diffuser
FIB79200v0-dp/ds/sc*	60/30	6120/3300 (3000K) 7200/3900 (4000K) 6480/3510 (6000K)	102/110 (3000K) 120/130 (4000K) 108/117 (6000K)	3000K/4000K/6000K	110	L1500 x W64 x H65	50000	Metal housing + PC diffuser
FIB79300v0-dp/ds/sc*	84/42	8568/4620 (3000K) 10080/5460 (4000K) 9072/4914 (6000K)	102/110 (3000K) 120/130 (4000K) 108/117 (6000K)	3000K/4000K/6000K	110	L1800 x W64 x H65	50000	Metal housing + PC diffuser

* Standby dim model **MUST** work with Standby dim Sensor LA10365

Accessory



LA10365
Standby dimming Microwave Sensor for GARRON 2



LA10367
Emergency Module for ROCCA 2 / GARRON 2 Standby dim



LA10368
Emergency Module (High Output) for ROCCA 2 / GARRON 2 Standby dim

PINOLITE 3

NEW



MEGAMAN® PINOLITE 3

Integrated LED Batten

CCT Switchable | IP20 | Flicker free | 25000 hrs





PINOLITE 3



MEGAMAN® PINOLITE 3

Integrated LED Batten

CCT Switchable | IP20 | Flicker free | 25000 hrs

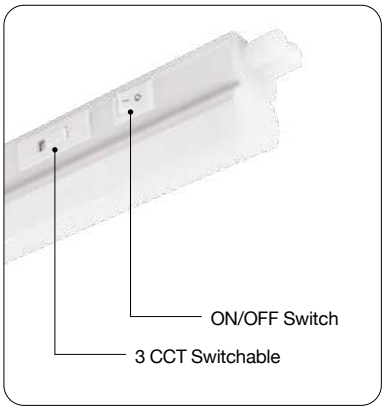
MEGAMAN® PINOLITE 3 is the right choice for recessed wall wash, display shelf lighting and concealed linear lighting applications. The integrated LED linear tube design with high system luminous efficacy of up to 100lm/W is a true replacement for traditional T5 battens.

Features

- Energy saving LED linear batten to replace conventional T5 Batten
- Tool-less installation. Plug-and-play connection
- Long life, low maintenance cost
- Durable and economical solution
- Integrated connector makes allows easy in line connection for continuous runs
- Translucent end caps reduce dark zones
- Built in ON/OFF switch
- Accessories included: patch cord, mounting clips, power cord and continuous connector
- Optional accessories: adjustable mounting clips can be adjustable 90º with adjustable mounting clips

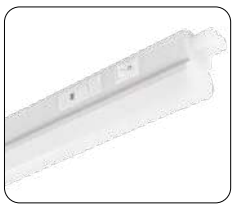
Applications

- Shops and boutiques
- Display shelves
- Wall lighting
- Light troughs
- Offices





Translucent end-cap design that eliminates the dark zone between the batten connections



Extension connector



20cm patch cord to cater angular connection

Integrated LED luminaire

MEGAMAN®

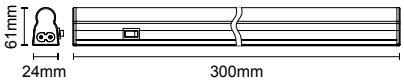
Indoor Lighting / Batten

PINOLITE 3

FIB81000v0-sc



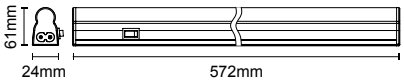
IP20 | Class II | Flicker Free



FIB81100v0-sc



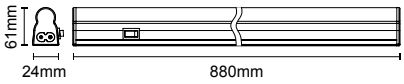
IP20 | Class II | Flicker Free



FIB81200v0-sc



IP20 | Class II | Flicker Free



220-240V

White (WH13)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L70B50 at Ta25°C (hrs)	Material
FIB81000v0-sc	5	500 (4000K)	100	120	L300 x W24 x H61	3000K/4000K/6500K	25000	Polycarbonate housing + Polycarbonate diffuser
FIB81100v0-sc	9	900 (4000K)	100	120	L572 x W24 x H61	3000K/4000K/6500K	25000	Polycarbonate housing + Polycarbonate diffuser
FIB81200v0-sc	12	1200 (4000K)	100	120	L880 x W24 x H61	3000K/4000K/6500K	25000	Polycarbonate housing + Polycarbonate diffuser

Default Accessory



2*Clips, 2*Screws,
20cm Male&Female Connection Cable,
150cm EU Pulg Power Cord

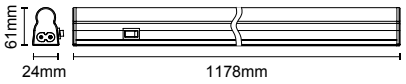
Integrated LED luminaire

PINOLITE 3

FIB81300v0-sc



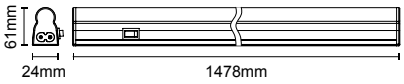
IP20 | Class II | Flicker Free



FIB81400v0-sc



IP20 | Class II | Flicker Free



220-240V

White (WH13)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L70B50 at Ta25°C (hrs)	Material
FIB81300v0-sc	18	1850 (4000K)	103	120	L1178 x W24 x H61	3000K/4000K/6500K	25000	Polycarbonate housing + Polycarbonate diffuser
FIB81400v0-sc	22	2310 (4000K)	105	120	L1478 x W24 x H61	3000K/4000K/6500K	25000	Polycarbonate housing + Polycarbonate diffuser

Default Accessory



2*Clips, 2*Screws,
20cm Male&Female Connection Cable,
150cm EU Pulg Power Cord

Integrated LED luminaire

MEGAMAN®

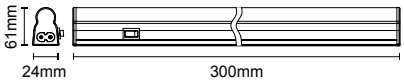
Indoor Lighting / Batten

PINOLITE 3

FIB75500v1-pt



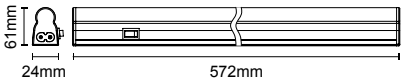
IP20 | Class II | Flicker Free



FIB75600v1-pt



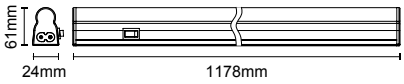
IP20 | Class II | Flicker Free



FIB75600v1-pt



IP20 | Class II | Flicker Free



220-240V

White (WH13)

Plant Lamp

Model No.	Wattage (W)	Photon Flux (µmol/s)	Photon Flux / Watt (µmol/J)	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Material
FIB75500v1-pt	5	10*	2*	150	L300 x W24 x H35	30000	Polycarbonate housing + Polycarbonate diffuser
FIB75600v1-pt	9	18*	2*	150	L572 x W24 x H35	30000	Polycarbonate housing + Polycarbonate diffuser
FIB75800v1-pt	16	32*	2*	150	L1178 x W24 x H35	30000	Polycarbonate housing + Polycarbonate diffuser



PINOLITE 3 Plant Lamp

- Different lengths (0.3m / 0.6m / 1.2m) of battens available for various horticulture applications
- Energy saving with high efficacy of up to 2.0µmol/J
- Offer the most suitable illumination intensity and photosynthetically active region (PAR) in deep blue 450nm and hyper red 660nm that the crops need for photosynthesis
- Excellent light uniformity to shorten the production cycle by enhancing the seeding rate and survival rate, as a result of achieving a higher return of each crop
- Suitable for tomato, cabbage, baby leaf lettuce, kale plants, lettuce, green onions, etc.

Integrated LED luminaire

PINOLITE 3



BRUNO



MEGAMAN® BRUNO

Integrated LED batten

Replaceable LED & Driver | IP44 | 120° | 30000 hrs







BRUNO



MEGAMAN® BRUNO

Integrated LED batten

MEGAMAN® BRUNO designed with wide emitting surface allows to provide sufficient lighting which is important for the overall visibility. With increased visibility, comes comfort and accessibility to make the bathroom environment much easier to use for daily activities such as grooming, makeup application, and shaving. A well-lit bathroom can make a significant difference in the overall experience of using the space. In addition to functionality and aesthetics, MEGAMAN® BRUNO offers good lighting enhance the safety of environment.

Features

- Replaceable light source and control gear to simplify maintenance and support sustainability
- Luminaire designed with wide emitting surface area enhance the overall visibility
- 3 different lengths for versatile application
- Easy connection for friendly installation
- IP44 which suitable for bathroom application

Replaceable LED & Driver | IP44 | 120° | 30000 hrs

Applications

- Bathroom
- Bedroom
- Residential application
- Hotels

MEGAMAN®

Indoor Lighting / Batten

BRUNO

FIB81500v0
FIB78600v0



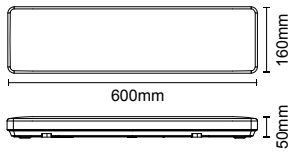
FIB81600v0
FIB78700v0



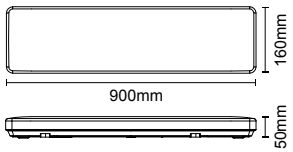
FIB81700v0
FIB78800v0



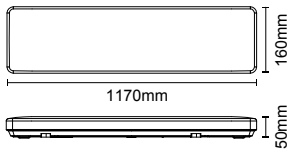
120° IP44



120° IP44



120° IP44



220-240V

White (WH12)

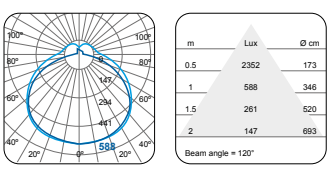
Replaceable light source and control gear version

Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)
FIB81500v0	23	2200 (3000K) 2500 (4000K/6500K)	3000K/4000K/6500K	L600 x W160 x H50	30000
FIB81600v0	48	4300 (3000K) 4800 (4000K/6500K)	3000K/4000K/6500K	L900 x W160 x H50	30000
FIB81700v0	56	5400 (3000K) 6000 (4000K/6500K)	3000K/4000K/6500K	L1170 x W160 x H50	30000

Standard version

Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)
FIB78600v0	23	2200 (3000K) 2500 (4000K/6500K)	3000K/4000K/6500K	L600 x W160 x H50	30000
FIB78700v0	48	4300 (3000K) 4800 (4000K/6500K)	3000K/4000K/6500K	L900 x W160 x H50	30000
FIB78800v0	56	5400 (3000K) 6000 (4000K/6500K)	3000K/4000K/6500K	L1170 x W160 x H50	30000

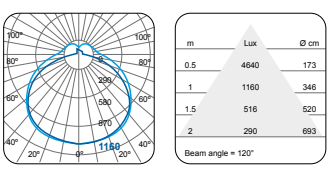
FIB81500v0-4000K/6500K
FIB78600v0-4000K/6500K



m	Lux	Ø cm
0.5	2352	173
1	588	346
1.5	261	520
2	147	693

Beam angle = 120°

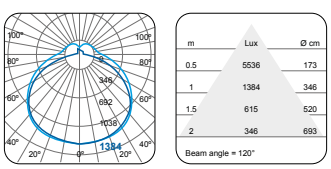
FIB81600v0-4000K/6500K
FIB78700v0-4000K/6500K



m	Lux	Ø cm
0.5	4640	173
1	1160	346
1.5	516	520
2	290	693

Beam angle = 120°

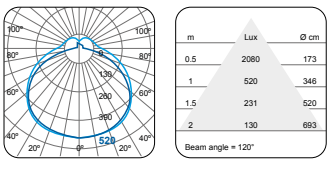
FIB81700v0-4000K/6500K
FIB78800v0-4000K/6500K



m	Lux	Ø cm
0.5	5536	173
1	1384	346
1.5	615	520
2	346	693

Beam angle = 120°

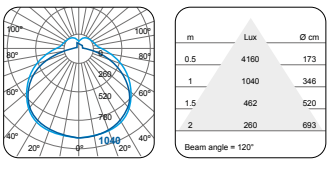
FIB81500v0-3000K
FIB78600v0-3000K



m	Lux	Ø cm
0.5	2080	173
1	520	346
1.5	231	520
2	130	693

Beam angle = 120°

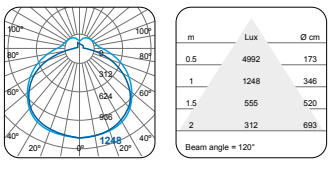
FIB81600v0-3000K
FIB78700v0-3000K



m	Lux	Ø cm
0.5	4160	173
1	1040	346
1.5	462	520
2	260	693

Beam angle = 120°

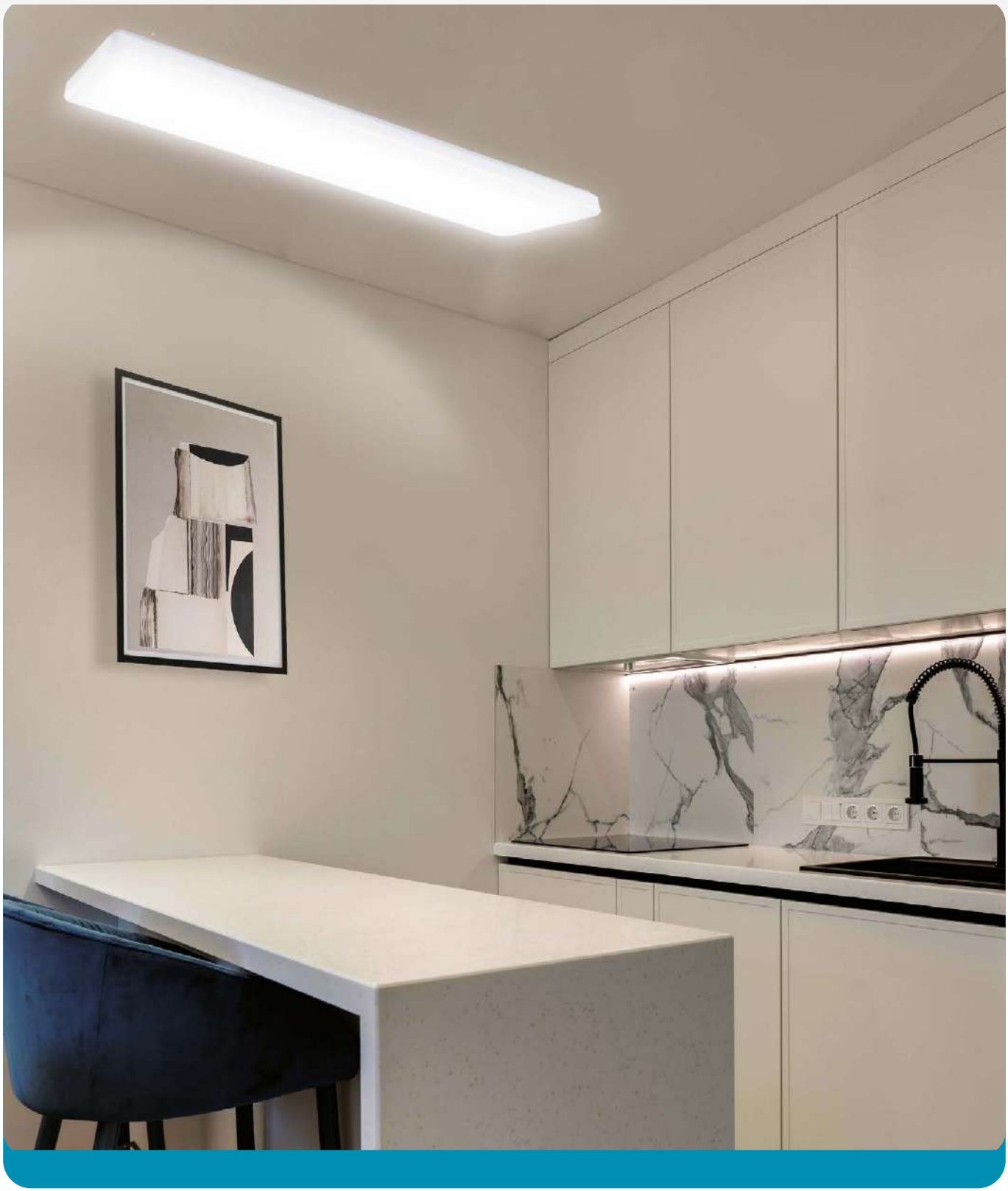
FIB81700v0-3000K
FIB78800v0-3000K



m	Lux	Ø cm
0.5	4992	173
1	1248	346
1.5	555	520
2	312	693

Beam angle = 120°

BRUNO



ELIN

NEW



MEGAMAN® ELIN

Integrated LED Batten

IP20

35000 hrs

MEGAMAN® ELIN is a cost-effective and reliable lighting solution designed to minimize initial investment while maximizing performance. Its sleek linear profile ensures homogeneous and smooth light distribution, making it suitable for both ceiling and wall mounting in horizontal or vertical orientations. Ideal for a variety of commercial and industrial applications, MEGAMAN® ELIN combines versatility with efficiency, making it a practical choice for diverse settings, from office spaces to commercial areas, while maintaining various of application.

Features

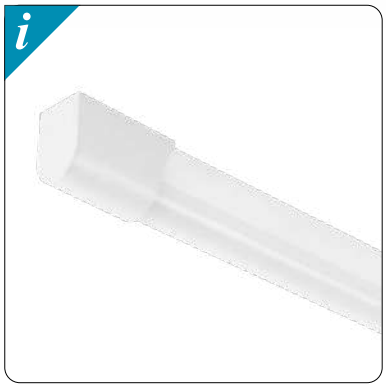
- Slim profile design, attractive and practical choice for indoor lighting solutions
- Suitable for commercial and industrial applications
- Movable cable entry for flexible installation
- Life time 35000hrs L70B50 @ Ta25°C
- 600mm,1200mm and 1500mm lengths available

Applications

- Residential lighting
- Schools
- Factories
- Corridors
- Warehouses

ELIN

FIB83300v0
FIB83400v0
FIB83500v0



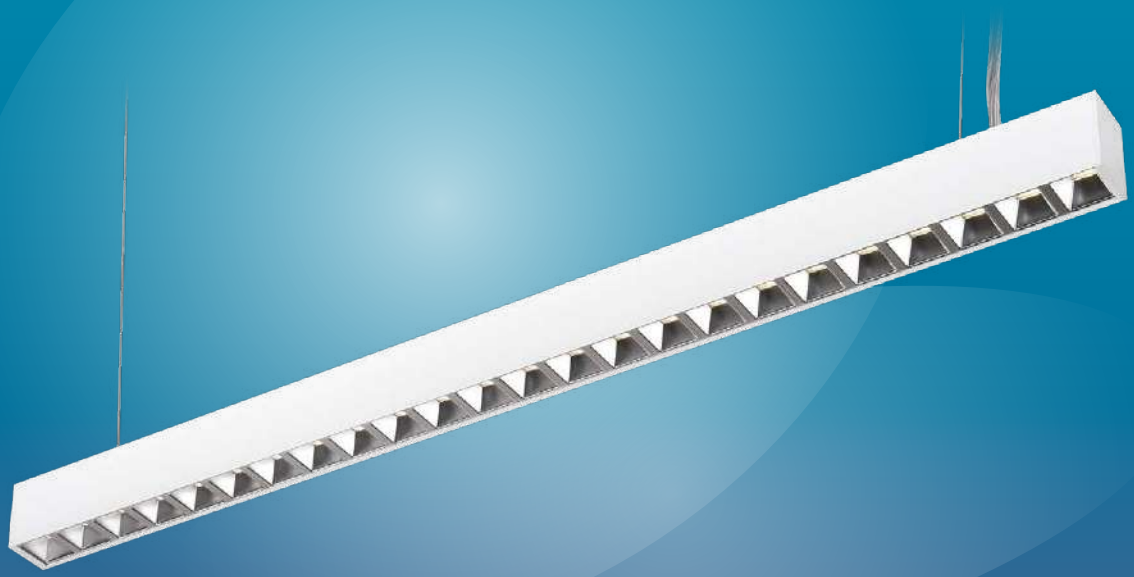


IP20

220-240V

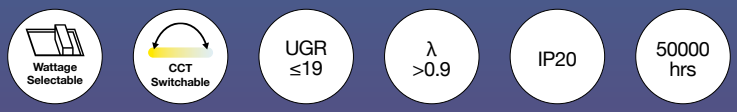
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)
FIB83300v0	10	1100	110	L600 x W32 x H45	4000K	35000
FIB83400v0	18	2100	116	L1200 x W32 x H45	4000K	35000
FIB83500v0	21	2350	111	L1500 x W32 x H45	4000K	35000

GABIO 2

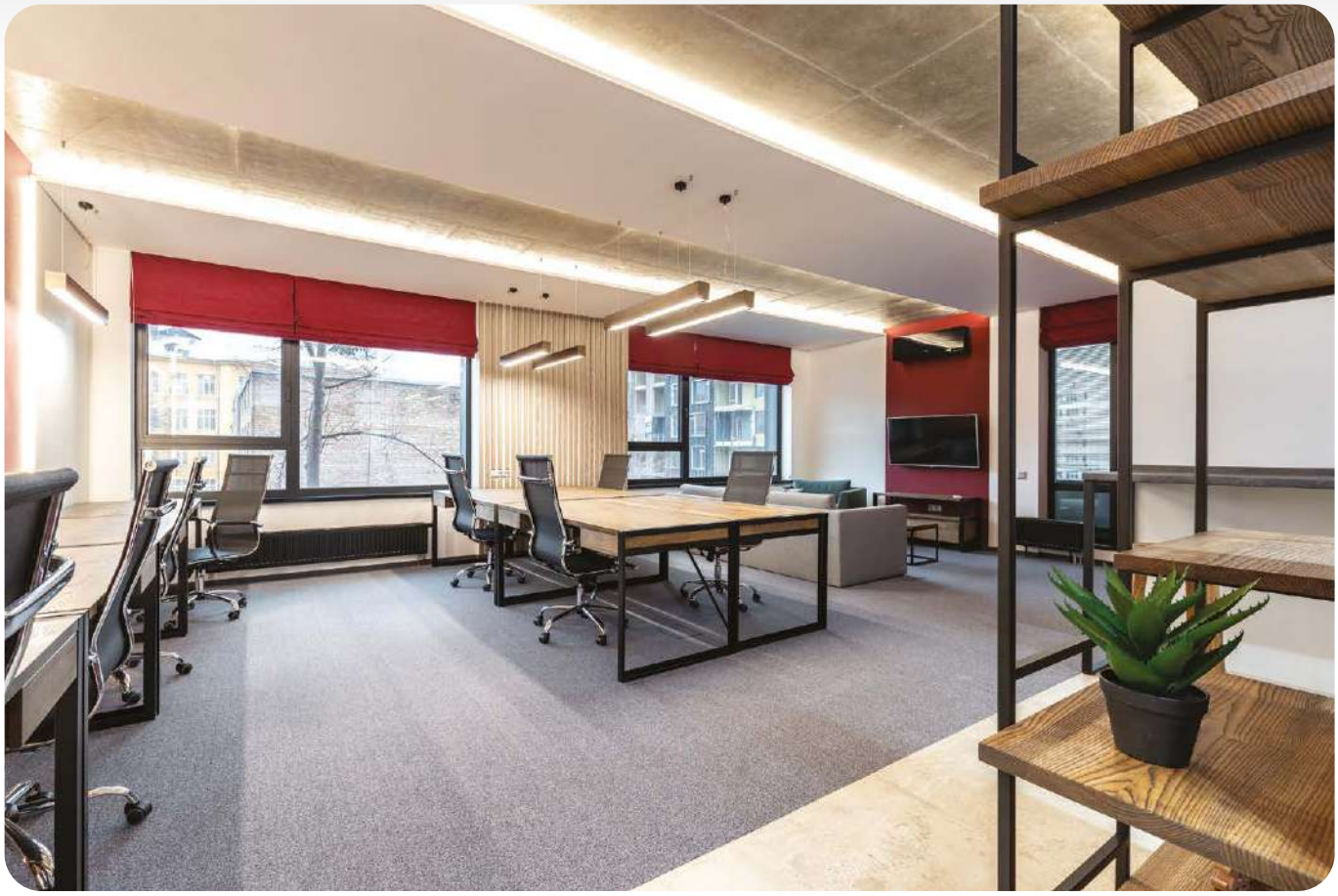


MEGAMAN® GABIO 2

LED Linear Profile



GABIO 2



MEGAMAN® GABIO 2

LED Linear Profile

New generation of slim aluminium linear profile fixtures MEGAMAN® GABIO 2 with louvre design and also diffuser version to fit any interior. MEGAMAN® GABIO 2 with low glare rating for high visual comfort and deliver high uniformity of lighting. Different mounting X, L, T connectors with integrated LED louvre cells for continuous line of light or different connections.

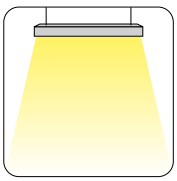
Features

- New generation of slim aluminum linear profile fixtures with understated design fits any interior
- Louvre cell design with low glare rating for high visual comfort, ideal for individual task lighting
- Wide batwing light distribution and wide beam angle deliver high uniformity
- Different mounting methods to cater for different applications: surface-mount, suspension and recessed (with additional accessory kit)
- Modular system for linear series connection available by different joints Innovative X, L, T connectors with integrated LED louvre cells for continuous line of light, making junctions invisible
- Slim slot in surface mount/suspension mounting clips

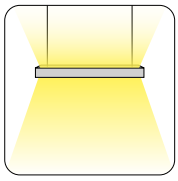
Wattage Selectable | CCT Switchable | UGR ≤19 | λ >0.9 | IP20 | 50000 hrs

Applications

- Offices
- Schools
- Department stores
- Commercial applications



Direct lighting



Direct-indirect lighting

Accessory



LA6044
Connector kit



LA6050
L Connector



LA6051
T Connector



LA6052
X Connector

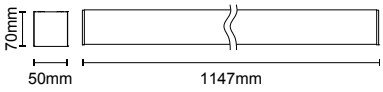
Integrated LED luminaire

GABIO 2

FLP70400v0-ds/sc
FLP70400v0-da/sc



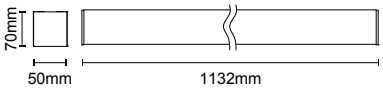
UGR ≤19 | IP20 | Class I | λ >0.9



FLP70500v0-ds/sc
FLP70500v0-da/sc



UGR ≤19 | IP20 | Class I | λ >0.9



220-240V

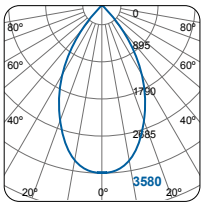
Silver (SV61)

Direct Light Distribution

ON/OFF Version

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Material
FLP70400v0-ds/sc	29/16 Selectable	3200/1750 3500/1900	110 (3000K) 120 (4000K)	65	L1147 x W50 x H70	3000K/4000K	50000	N/A	>0.9	Aluminium
FLP70500v0-ds/sc	35/18 Selectable	3850/2000 4200/2150	110 (3000K) 120 (4000K)	65	L1132 x W50 x H70	3000K/4000K	50000	N/A	>0.9	Aluminium
DALI Version										
FLP70400v0-da/sc	29	3200/3500	110 (3000K) 120 (4000K)	65	L1147 x W50 x H70	3000K/4000K	50000	N/A	>0.9	Aluminium
FLP70500v0-da/sc	35	3850/4200	110 (3000K) 120 (4000K)	65	L1132 x W50 x H70	3000K/4000K	50000	N/A	>0.9	Aluminium

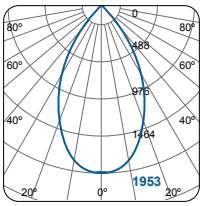
FLP70400v0-ds/sc (29W)



m	Lux	Ø cm
0.5	14320	64
1	3580	127
1.5	1591	191
2	895	255

Beam angle = 65°

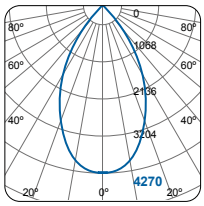
FLP70400v0-ds/sc (16W)



m	Lux	Ø cm
0.5	7812	64
1	1953	127
1.5	868	191
2	488	255

Beam angle = 65°

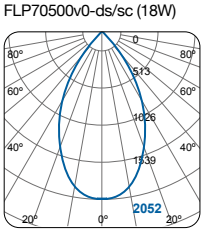
FLP70500v0-ds/sc (35W)



m	Lux	Ø cm
0.5	17080	64
1	4270	127
1.5	1989	191
2	1068	255

Beam angle = 65°

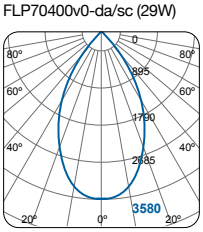
FLP70500v0-ds/sc (18W)



m	Lux	Ø cm
0.5	8208	64
1	2052	127
1.5	912	191
2	513	255

Beam angle = 65°

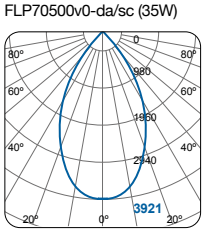
FLP70400v0-da/sc (29W)



m	Lux	Ø cm
0.5	14320	64
1	3580	127
1.5	1591	191
2	895	255

Beam angle = 65°

FLP70500v0-da/sc (35W)



m	Lux	Ø cm
0.5	15684	64
1	3921	127
1.5	1743	191
2	980	255

Beam angle = 65°

GABIO 2



BERTO SIDELIT



MEGAMAN® BERTO SIDELIT

LED Panel

Flicker Free

UGR ≤19

50000 hrs





Integrated LED luminaire

BERTO SIDELIT



MEGAMAN® BERTO SIDELIT

LED Panel

MEGAMAN® BERTO is an ultra slim integrated lighting solution that facilitates easy installation and maintenance. It delivers luminous efficacy at 100lm/W – matching the lighting levels of 3 x 18W T8 and 3 x 24W HE T5 fluorescent modular fittings.

These luminaires have a long life and provide uniform light distribution for general lighting applications. The prismatic diffuser option with Unified Glare Rating (UGR) of ≤19 offers a high level of visual comfort and avoids fatigue to the eyes, ideal for use in offices, classrooms and corridors.

Features

- Slim integrated panel lighting design facilitates easy installation and maintenance
- Efficacy at 100lm/W
- High uniformity of Light that delivers wide light and uniform panel
- Equipped with flicker free driver in both options UGR≤19 and UGR≤22 avoid eye strain & discomfort
- Mircoprismatic diffuser options with UGR≤19, less glare to provide visual comfort
- Enhance product reliability which are manufactured by fully automatic assembly line
- Screwless assembly design which can reach IP40 rating
- Driver with loop through function to further enhance ease of installation
- Excellent quality of light guide panel materials deliver excellent lumen output throughout product life
- Easy Plug & Play connector
- Ceiling frame and surface mounting kits to cater different installation methods

Flicker Free | UGR ≤19 | 50000 hrs

Applications

- Conference rooms
- Offices
- Classrooms
- Corridors

Flicker Free Performance



Other LED panel with flicker



BERTO LED panel with flicker free and uniform lighting distribution

Screwless Assembly Design

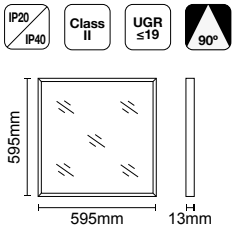


Screwless design which reach IP40 rating

BERTO SIDELIT

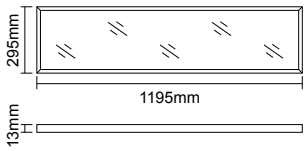
FPL70300v1ex+LD226036-C0950





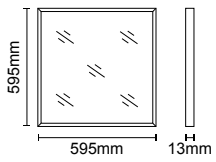
FPL70700v1-ex+LD226036-C0950





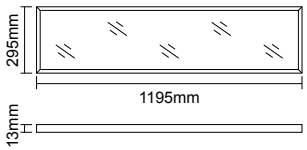
FPL70400v3-ex+LD226036-C0950
FPL70400v4-ex/tb+LD230036/mc-C0950





FPL70500v1-ex+LD226036-C0950
FPL72800v0-ex/tb+LD227054-C1300





220-240V

White (WH26)

Model No.	Input Current (mA)	Luminaire Wattage (W)	System Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp.	Rated Life (hrs)	Materials
UGR≤19										
FPL70300v1-ex+LD226036-C0950	950	32.4	36	3350 (3000K) 3600 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	90	W595 x L595 x H13	3000K/4000K/6500K	50000 L80B10 at Ta25°C	Aluminum housing + PMMA LGP
FPL70700v1-ex+LD226036-C0950	950	32.4	36	3350 (3000K) 3600 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	90	W1195 x L295 x H13	3000K/4000K/6500K	50000 L80B10 at Ta25°C	Aluminium housing + PMMA LGP
UGR≤22										
FPL70400v3-ex+LD226036-C0950	950	32.4	36	3350 (3000K) 3600 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	110	W595 x L595 x H13	3000K/4000K/6500K	50000 L70B50 at Ta25°C	Aluminium housing + PS
FPL70500v1-ex+LD226036-C0950	950	32.4	36	3350 3000K) 3600 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	110	W1195 x L295 x H13	3000K/4000K/6500K	50000 L70B50 at Ta25°C	Aluminium housing + PS
FPL70400v4-ex/tb+LD230036/mc-C0950	950	36	36	3350 (3000K) 3600 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	110	W595 x L595 x H13	3000K/4000K/6500K	50000 L70B50 at Ta25°C	Aluminium housing + PS
FPL72800v0-ex/tb+LD227054-C1300	1300	50	54	5000 (4000K/6500K)	100 (4000K/6500K)	110	W1195 x L295 x H13	3000K/4000K/6500K	50000 L70B50 at Ta25°C	Aluminium housing + PS

Accessory



LA6039
Loopthrough adaptor for LD230036/mc-C0950 LD226036-C0750



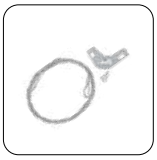
LA10139
Surface Mounting frame 600 x 600mm



LA10140
Surface Mounting frame 620 x 620mm



LA10141
Surface Mounting frame 1200 x 300mm



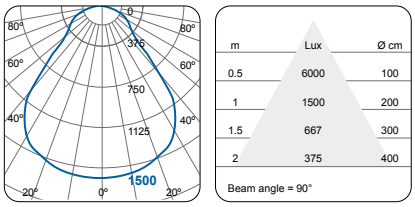
LA10120
Safety kit, including
1.0m safety cable x1
V shape hooker x1
Screw ST4*9 x2



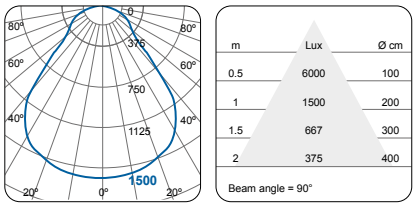
LA10121
Suspension kit, including
1.8m Type I cable x4
V shape hooker x4
Screw ST4*9 x8

BERTO SIDELIT Photometric Data

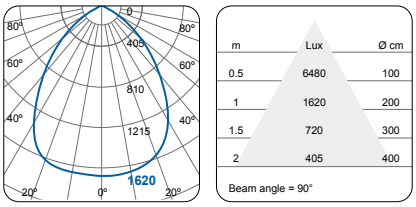
FPL70300v1ex+LD226036-C0950



FPL70400v3-ex+LD226036-C0950



FPL70500v1-ex+LD226036-C0950



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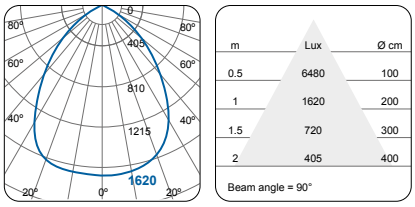
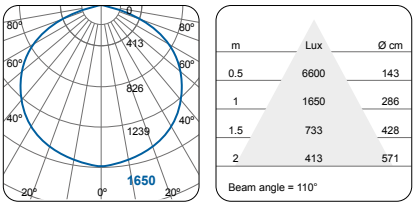
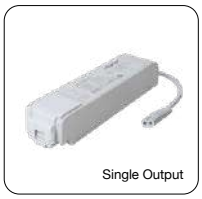


FPL72800v0-ex/tb+LD227054-C1300



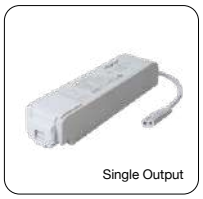
LD226036-C0950



LD230036/mc-C0950



LD227054-C1300



LD232037/da/mc-C0950



Driver Model	Main Voltage Input	Output Current (Constant) (mA)	Output Voltage Range (V)	System Power	Power Factor	Dimmability	Dimension (mm)	Cable Thickness Range (mm²)
LD226036-C0950	220-240 VAC	950	30-45	36	>0.9	Non-dimmable	L177.5 x W34 x H29	2 x (0.75 - 1.5mm2)
LD230036/mc-C0950	220-240 VAC	950/850/750/650	30-39	36/33/29/25	>0.9	Non-dimmable	L176 x W42.5 x H32	2 x (0.75 - 1.5mm2)
LD227054-C1300	220-240 VAC	1300	30-42	54	>0.9	Non-dimmable	L235 x W42.5 x H32	2 x (0.75 - 1.5mm2)
LD232037/da/mc-C0950	220-240 VAC	950	30-39	37	>0.9	DALI 2.0	L200 x W64 x H32	5 x (0.75 - 2.5mm2)

ESTELA 2



MEGAMAN® ESTELA 2

LED Panel

Flicker free

UGR ≤19

Up to 120 lm/W

50000 hrs





Integrated LED luminaire

ESTELA 2



MEGAMAN® ESTELA 2

LED Panel

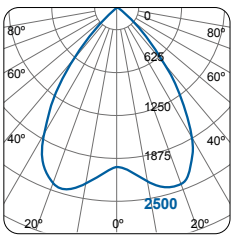
Flicker free | UGR ≤19 | Up to 120 lm/W | 50000 hrs

Features

- Perfect solution for office lighting with new generation of LED louvre panel
- Special double asymmetric optics deliver high level of uniformity of light in a workplace
- Exchangeable clipped-in LED modules offer flexibility to satisfy customers' requirement (e.g.: change of CCT, CRI, etc.) with short lead time
- External driver offers the flexible compatibility with ON/OFF driver with 4 lumen output or DALI dimming
- UGR19 with high cut off angle louvre
- Flicker free
- Long life time 50,000hrs L80B10 at Ta25°C
- Light in weight for easy installation

Applications

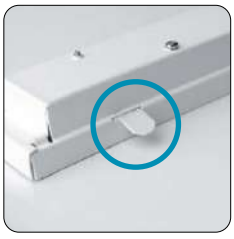
- Offices
- Department stores
- Schools



Double asymmetric photometric distribution for maximum uniformity



I-beam construction at the back plate for reinforcing the structural robustness and ensuring flatness of panel



Interlocking system between the LED tray and metal plate

Integrated LED luminaire

MEGAMAN®

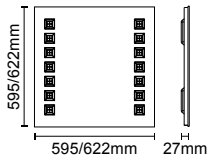
Indoor Lighting / Panel

ESTELA 2

FPL73400v1-ex+LD220036/mc-C0950
FPL73600v1-ex+LD220036/mc-C0950



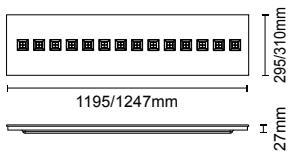
75° | IP20/IP40 | UGR ≤19 | SDCM ≤4 | Flicker Free



FPL73500v1-ex+LD220036/mc-C0950
FPL73700v1-ex+LD220036/mc-C0950



75° | IP20/IP40 | UGR ≤19 | SDCM ≤4 | Flicker Free



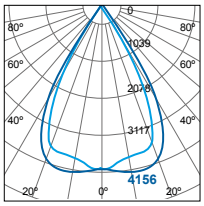
220-240V

White (WH26)

ON/ OFF driver with 4-lumen Output

Model No.	System Wattage (W)	Lumen (lm)	Lm/W	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FPL73400v1-ex+LD220036/mc-C0950	36/32/28/24	3900/3580/3160/2800 (3000K) 4200/3850/3400/3000 (4000K)	108/112/113/117 (3000K) 117/120/121/125 (4000K)	W597 x L597 x H37	50000	PC/ PMMA Diffuser
FPL73500v1-ex+LD220036/mc-C0950	36/32/28/24	3900/3580/3160/2800 (3000K) 4200/3850/3400/3000 (4000K)	108/112/113/117 (3000K) 117/120/121/125 (4000K)	W297 x L1197 x H37	50000	PC/ PMMA Diffuser
FPL73600v1-ex+LD220036/mc-C0950	36/32/28/24	3900/3580/3160/2800 (3000K) 4200/3850/3400/3000 (4000K)	108/112/113/117 (3000K) 117/120/121/125 (4000K)	W622 x L622 x H37	50000	PC/ PMMA Diffuser
FPL73700v1-ex+LD220036/mc-C0950	36/32/28/24	3900/3580/3160/2800 (3000K) 4200/3850/3400/3000 (4000K)	108/112/113/117 (3000K) 117/120/121/125 (4000K)	W310 x L1247 x H37	50000	PC/ PMMA Diffuser

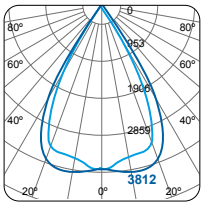
36W
FPL73400v1-ex+LD220036mc-C0950
FPL73500v1-ex+LD220036/mc-C0950
FPL73600v1-ex+LD220036/mc-C0950
FPL73700v1-ex+LD220036/mc-C0950



m	Lux	Ø cm
0.5	16624	77
1	4156	153
1.5	1847	230
2	1039	307

Beam angle = 75°

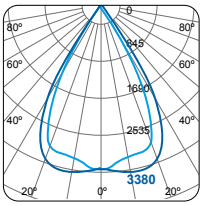
32W
FPL73400v1-ex+LD220036mc-C0950
FPL73500v1-ex+LD220036/mc-C0950
FPL73600v1-ex+LD220036/mc-C0950
FPL73700v1-ex+LD220036/mc-C0950



m	Lux	Ø cm
0.5	16624	77
1	4156	153
1.5	1847	230
2	1039	307

Beam angle = 75°

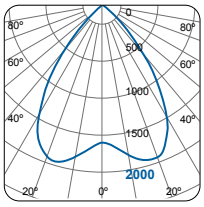
28W
FPL73400v1-ex+LD220036mc-C0950
FPL73500v1-ex+LD220036/mc-C0950
FPL73600v1-ex+LD220036/mc-C0950
FPL73700v1-ex+LD220036/mc-C0950



m	Lux	Ø cm
0.5	13520	77
1	3380	153
1.5	1502	230
2	845	307

Beam angle = 75°

24W
FPL73400v1-ex+LD220036mc-C0950
FPL73500v1-ex+LD220036/mc-C0950
FPL73600v1-ex+LD220036/mc-C0950
FPL73700v1-ex+LD220036/mc-C0950



m	Lux	Ø cm
0.5	11920	77
1	2980	153
1.5	1324	230
2	745	307

Beam angle = 75°

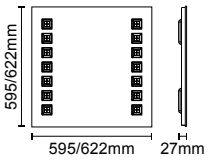
Integrated LED luminaire

ESTELA 2

FPL73400v1-ex+LD232037/da/mc-C0950
FPL73600v1-ex+LD232037/da/mc-C0950



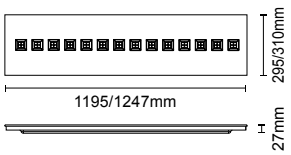
90° IP20/IP40 UGR ≤19 SDCM ≤4 Flicker Free DALI



FPL73500v1-ex+LD232037/da/mc-C0950
FPL73700v1-ex+LD232037/da/mc-C0950



90° IP20/IP40 UGR ≤19 SDCM ≤4 Flicker Free DALI



220-240V

White (WH26)

DALI Driver

Model No.	System Wattage (W)	Lumen (lm)	Lm/W	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FPL73400v1-ex+LD232037/da/mc-C0950	36	3900 (3000K) 4200 (4000K/6500K)	108 (3000K) 117 (4000K)	W597 x L597 x H37	50000	PC/ PMMA Diffuser
FPL73500v1-ex+LD232037/da/mc-C0950	36	3900 (3000K) 4200 (4000K/6500K)	108 (3000K) 117 (4000K)	W297 x L1197 x H37	50000	PC/ PMMA Diffuser
FPL73600v1-ex+LD232037/da/mc-C0950	36	3900 (3000K) 4200 (4000K/6500K)	108 (3000K) 117 (4000K)	W622 x L622 x H37	50000	PC/ PMMA Diffuser
FPL73700v1ex+LD232037/da/mc-C0950	36	3900 (3000K) 4200 (4000K/6500K)	108 (3000K) 117 (4000K)	W310 x L1247 x H37	50000	PC/ PMMA Diffuser

BERTO BACKLIT



MEGAMAN® BERTO BACKLIT

LED Panel

Flicker Free

UGR ≤19

Up to 120 lm/W

50000 hrs





Integrated LED luminaire

BERTO BACKLIT



MEGAMAN® BERTO BACKLIT

LED Panel

Flicker Free | UGR ≤19 | Up to 120 lm/W | 50000 hrs

MEGAMAN® BERTO BACKLIT is an integrated lighting solution that facilitates easy installation and maintenance. It delivers a high luminous efficacy up to 120lm/W – matching the lighting levels of 3 x 18W T8 and 3 x 24W HE T5 fluorescent modular fittings.

These luminaires have a long life and provide uniform light distribution for general lighting applications. Microprismatic diffuser option with Unified Glare Rating (UGR) of ≤19 offers a high level of visual comfort and avoids fatigue to the eyes, ideal for use in offices, classrooms and corridors.

Features

- Backlit technology offers high uniformity of light output
- Equipped with flicker free driver in both options UGR≤19* and UGR≤22 avoid eye strain & discomfort
- Microprismatic diffuser options with UGR≤19, less glare to provide visual comfort
- Efficacy up to 110lm/W
- TP(a) rated thermoplastic diffuser as an option
- Long lifetime with 50,000hrs L70B50 at Ta 25°C
- Operating temperature -30°C to +45°C
- IP40 rated
- Easy Plug & Play connector
- Loop through adaptor enhance ease of installation

* UGR≤19 valid for 4000K-3600/3200/2800lm, UGR≤20 for 4000lm

Applications

- Conference rooms
- Offices
- Classrooms
- Corridors

Flicker Free Performance



Other LED panel with flicker



BERTO LED panel with flicker free and uniform lighting distribution

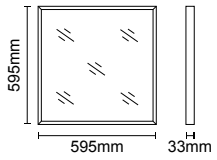
Integrated LED luminaire

BERTO BACKLIT

FPL71900v2ex+LD226036-C0800



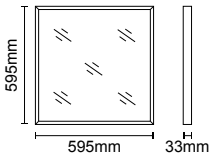
IP20/IP40 | Class II | UGR ≤19 | 90° | Flicker Free



FPL71900v1-ex+LD230036/mc-C0950



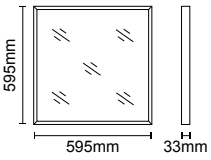
IP20/IP40 | Class II | UGR ≤19 | 90° | Flicker Free



FPL71800v0-ex/ta+LD226036-C0750



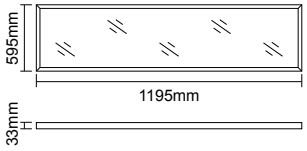
IP20/IP40 | Class II | UGR ≤22 | 110° | Flicker Free



FPL73800v0-ex/ta+LD236046-C1100



IP20/IP40 | Class II | UGR ≤22 | 110° | Flicker Free

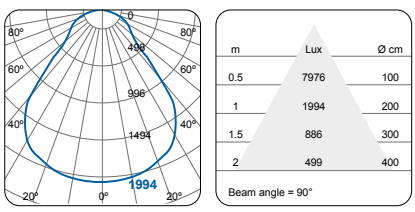


220-240V

White (WH26)

Model No.	Input Current (mA)	Luminaire Wattage (W)	System Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
UGR≤19									
FPL71900v2-ex+LD226036-C0800	800	30	36	3350 (3000K) 3600 (4000K/6500K)	112 (3000K) 120 (4000K/6500K))	90	W595 x L595 x H33	50000	Metal housing + microprismatic diffuser
FPL71900v1-ex+LD230036/mc-C0950	950	32/29/26/23	36/33/29/25	3700/3350/2950/2550 (3000K) 4000/3600/3200/2750 (4000K)	103/102/102/102 (3000K) 111/109/110/110 (4000K/6500K)	90	W595 x L595 x H33	50000	Metal housing + microprismatic diffuser
UGR≤22									
FPL71800v0-ex/ta+LD226036-C0750	750	32.4	36	3350 (3000K) 3600 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	110	W595 x L595 x H33	50000	Metal housing + PC diffuser
FPL73800v0-ex/ta+LD236046-C1100	1100	43	46	4560 (3000K) 5000 (4000K/6500K)	107 (3000K) 116 (4000K)	110	W1195 x L595 x H33	50000	Metal housing + PC diffuser

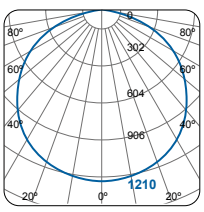
FPL71900v1-ex+LD230036/mc-C0950



m	Lux	Ø cm
0.5	7976	100
1	1994	200
1.5	886	300
2	499	400

Beam angle = 90°

FPL71800v0-ex/ta+LD226036-C0750



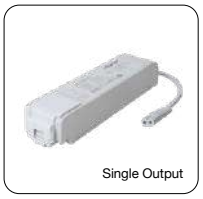
m	Lux	Ø cm
0.5	4840	143
1	1210	286
1.5	538	428
2	303	571

Beam angle = 110°

BERTO BACKLIT



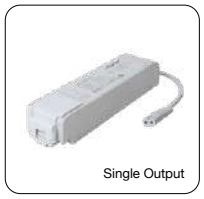
LD226036-C0750



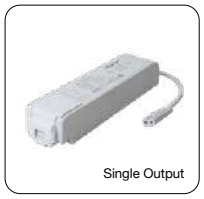
LD226036-C0800



LD236046-C1100



LD230036/mc-C0950



LD232037/da/mc-C0950



Driver Model	Main Voltage Input	Output Current (Constant) (mA)	Output Voltage Range (V)	System Power	Power Factor	Dimmability	Dimension (mm)	Cable Thickness Range (mm^2)
LD226036-C0750	220-240 VAC	750	42	36	>0.9	Non-dimmable	L178 x W35 x H29	2 x (0.75 - 1.5mm2)
LD226036-C0800	220-240 VAC	800	30-45	36	>0.9	Non-dimmable	L177.5 x W34 x H29	2 x (0.75 - 1.5mm2)
LD236046-C1100	220-240 VAC	1100	55	46	>0.9	Non-dimmable	L235 x W43 x H33	2 x (0.75 - 1.5mm2)
LD230036/mc-C0950	220-240 VAC	950/850/750/650	30-39	36/33/29/25	>0.9	Non-dimmable	L176 x W42.5 x H32	2 x (0.75 - 1.5mm2)
LD232037/da/mc-C0950	220-240 VAC	950	30-39	37	>0.9	DALI 2.0	L200 x W64 x H32	5 x (0.75 - 2.5mm2)

Accessory



LA6039
Loopthrough adaptor for
LD230036/mc-C0950
LD226036-C0750



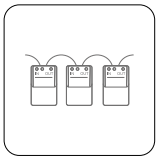
LA10120
Safety kit, including 1.0m
safety cable x1
V shape hooker x1
Screw ST4*9 x2



LA10121
Suspension kit, including
1.8m Type I cable x4
V shape hooker x4
Screw ST4*9 x8



LA8107
Surface mount frame
595 x 595mm



Loop through wiring

Integrated LED luminaire

SOFIA

NEW



MEGAMAN® SOFIA

LED Round Panel

Features

- Multi-CCT selection with built-in switch for 3000K, 4000K and 6000K options, allowing users adjust colour temperature on-site.
- Suspension / surface mounted 2-way installation
- Ultra-slim profile design with a thickness of less than 24mm for a simple and neat appearance.
- Excellent and uniform lighting performance achieved through side-lit light guide technology, ensuring even illumination.
- Seamless dimming

Dimmable | Switching CCT | IP20 | Flicker free | 50000 hrs

Applications

- Retrofit and Renovations
- Corridors
- Conference rooms
- Hotels
- Restaurants
- Residential applications



Surface Mount



Suspension Mount

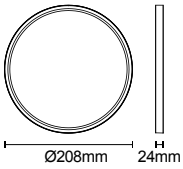


SOFIA

FCL77000v0-sc
FCL77000v0-dm/sc



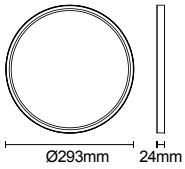
IP20 | 110° | Flicker Free



FCL77100v0-sc
FCL77100v0-dm/sc



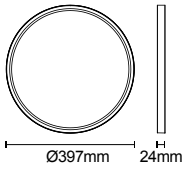
IP20 | 110° | Flicker Free



FCL77200v0-sc
FCL77200v0-dm/sc
FCL77200v1-sc
FCL77200v1-dm/sc



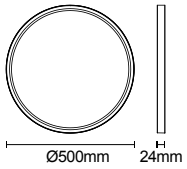
IP20 | 110° | Flicker Free



FCL78100v0-sc
FCL78100v0-dm/sc
FCL78100v1-sc
FCL78100v1-dm/sc



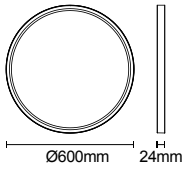
IP20 | 110° | Flicker Free



FCL77300v0-sc
FCL77300v0-dm/sc
FCL77300v1-sc
FCL77300v1-dm/sc



IP20 | 110° | Flicker Free



220-240V

White (WH12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Angle (°)	Colour Temp. (Switchable)	CRI	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Dimmable
FCL77000v0-sc	15	1500	100	110	3000K/4000K/6000K	80	Ø208 x H24	50000	no
FCL77000v0-dm/sc	15	1500	100	110	3000K/4000K/6000K	80	Ø208 x H24	50000	Phase-cut dimming
FCL77100v0-sc	20	2000	100	110	3000K/4000K/6000K	80	Ø293 x H24	50000	no
FCL77100v0-dm/sc	20	2000	100	110	3000K/4000K/6000K	80	Ø293 x H24	50000	Phase-cut dimming
FCL77200v0-sc	24	2400	100	110	3000K/4000K/6000K	80	Ø397 x H24	50000	no
FCL77200v0-dm/sc	24	2400	100	110	3000K/4000K/6000K	80	Ø397 x H24	50000	Phase-cut dimming
FCL77200v1-sc	30	3000	100	110	3000K/4000K/6000K	80	Ø397 x H24	50000	no
FCL77200v1-dm/sc	30	3000	100	110	3000K/4000K/6000K	80	Ø397 x H24	50000	Phase-cut dimming
FCL78100v0-sc	30	3000	100	110	3000K/4000K/6000K	80	Ø500 x H24	50000	no
FCL78100v0-dm/sc	30	3000	100	110	3000K/4000K/6000K	80	Ø500 x H24	50000	Phase-cut dimming
FCL78100v1-sc	36	3600	100	110	3000K/4000K/6000K	80	Ø500 x H24	50000	no
FCL78100v1-dm/sc	36	3600	100	110	3000K/4000K/6000K	80	Ø500 x H24	50000	Phase-cut dimming
FCL77300v0-sc	36	3600	100	110	3000K/4000K/6000K	80	Ø600 x H24	50000	no
FCL77300v0-dm/sc	36	3600	100	110	3000K/4000K/6000K	80	Ø600 x H24	50000	Phase-cut dimming
FCL77300v1-sc	40	4000	100	110	3000K/4000K/6000K	80	Ø600 x H24	50000	no
FCL77300v1-dm/sc	40	4000	100	110	3000K/4000K/6000K	80	Ø600 x H24	50000	Phase-cut dimming

Accessory



LA3265
suspension kit for
D200,300,400

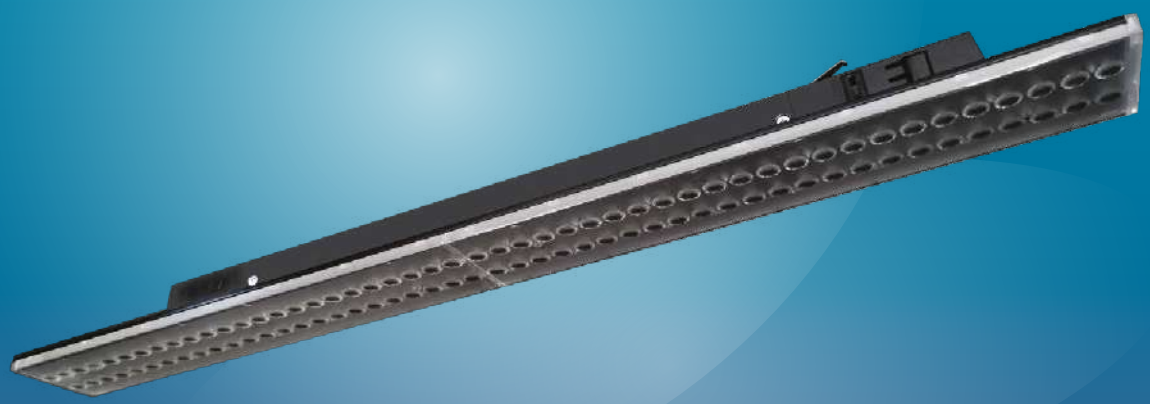


LA3280
suspension kit for D500,600

Integrated LED luminaire

XAVIER 2

NEW



MEGAMAN® XAVIER 2

LED Track Panel

Flicker free | IP20 | IK03 | SDCM <4 | CRI 90 | 50000 hrs | Up to 180 lm/W







Integrated LED luminaire

XAVIER 2



MEGAMAN® XAVIER 2

LED Track Panel

Lighting play an important role in retail atmosphere to attract customers. MEGAMAN® Xavier 2 is a complete Track system especially design for shop and retail application. Thanks for the optimized LED system and modular optics design, Xavier 2 delivers up to 10800lm with variety beam angle to ensure the perfect light distribution and uniformity on the aisle between shelves to enhance the shopping experience. 3-phase track mounting system provide high efficiency on installation and high flexibility for repositioning along the track.

Features

- Modular optic system offers the flexibility for the beam angle
- Double Asymmetrical & lambertian distribution
- The optics modules design for "ready to change", it enhance the flexibility of light requirement
- Slim design and light in weight
- Dual power for different lumen output
- High lumen output up to 10800lm
- Superb efficacy up to 180lm/W
- Long life time 50,000hrs L80B10 at Ta25°C
- more flexible when compared with the trucking system
- 3-phase connection track adaptor
- DALI dimming will be available soon

Flicker free | IP20 | IK03 | SDCM <4

CRI 90 | 50000 hrs | Up to 180 lm/W

Applications

- Retail shops
- Supermarkets
- Warehouses and similar applications

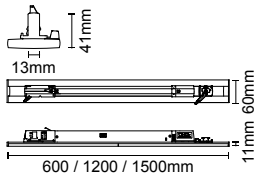
Integrated LED luminaire

XAVIER 2

FTK73300v0-ds FTK73300v0-da/ds
FTK74500v0-ds FTK74500v0-da/ds
FTK73400v0-ds FTK73400v0-da/ds



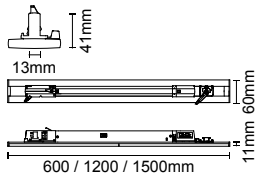
λ >0.9 | Class I | IP20 | IK03 | Flicker Free



FTK73300v0-da/ds/r9 FTK73300v0-ds/r9
FTK74500v0-da/ds/r9 FTK74500v0-ds/r9
FTK73400v0-da/ds/r9 FTK73400v0-ds/r9



λ >0.9 | Class I | IP20 | IK03 | Flicker Free | CRI 90



220-240V

White (WH12) Black (BK12)

Ra80 Version

Model No.	Wattage (W) (Selectable)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73300v0-ds	18/20/22/24	4300	White-180 / Black-155	30/60/90/120/DS	L600 x H60	NO	4 Wire, 3 Circuit
FTK74500v0-ds	35/40/45/50	9000	White-180 / Black-155	30/60/90/120/DS	L1200 x H60	NO	4 Wire, 3 Circuit
FTK73400v0-ds	45/50/55/60	10800	White-180 / Black-155	30/60/90/120/DS	L1500 x H60	NO	4 Wire, 3 Circuit
FTK73300v0-da/ds	18/20/22/24	4300	White-180 / Black-155	30/60/90/120/DS	L600 x H60	DALI	6 Wire
FTK74500v0-da/ds	35/40/45/50	9000	White-180 / Black-155	30/60/90/120/DS	L1200 x H60	DALI	6 Wire
FTK73400v0-da/ds	45/50/55/60	10800	White-180 / Black-155	30/60/90/120/DS	L1500 x H60	DALI	6 Wire

Ra90 Version

Model No.		Wattage (W) (Selectable)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73300v0-ds/r9	Ra90	18/20/22/24	4000	White-170 / Black-150	30/60/90/120/DS	L600 x H60	NO	4 Wire, 3 Circuit
FTK74500v0-ds/r9	Ra90	35/40/45/50	8400	White-170 / Black-150	30/60/90/120/DS	L1200 x H60	NO	4 Wire, 3 Circuit
FTK73400v0-ds/r9	Ra90	45/50/55/60	10050	White-170 / Black-150	30/60/90/120/DS	L1500 x H60	NO	4 Wire, 3 Circuit
FTK73300v0-da/ds/r9	Ra90	18/20/22/24	4000	White-170 / Black-150	30/60/90/120/DS	L600 x H60	DALI	6 Wire
FTK74500v0-da/ds/r9	Ra90	35/40/45/50	8400	White-170 / Black-150	30/60/90/120/DS	L1200 x H60	DALI	6 Wire
FTK73400v0-da/ds/r9	Ra90	45/50/55/60	10050	White-170 / Black-150	30/60/90/120/DS	L1500 x H60	DALI	6 Wire

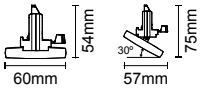
XAVIER 2

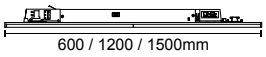
FTK73500v0-ds
FTK74700v0-ds
FTK73600v0-ds

FTK74600v0-da/ds
FTK74700v0-da/ds
FTK73600v0-da/ds



λ >0.9 | Class I | IP20 | IK03 | Flicker Free



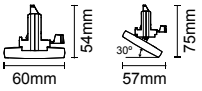


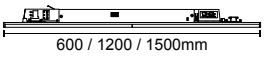
FTK73500v0-ds/r9
FTK74700v0-ds/r9
FTK73600v0-ds/r9

FTK74600v0-da/ds/r9
FTK74700v0-da/ds/r9
FTK73600v0-da/ds/r9



λ >0.9 | Class I | IP20 | IK03 | Flicker Free | CRI 90





220-240V

White (WH12) | Black (BK12)

Ra80 Version

Model No.	Wattage (W) (Selectable)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73500v0-ds	18/20/22/24	4300	White-180 / Black-155	30/60/90/120/DS	L600 x H60	NO	4 Wire, 3 Circuit
FTK74700v0-ds	35/40/45/50	9000	White-180 / Black-155	30/60/90/120/DS	L1200 x H60	NO	4 Wire, 3 Circuit
FTK73600v0-ds	45/50/55/60	10800	White-180 / Black-155	30/60/90/120/DS	L1500 x H60	NO	4 Wire, 3 Circuit
FTK74600v0-da/ds	18/20/22/24	4300	White-180 / Black-155	30/60/90/120/DS	L600 x H60	DALI	6 Wire
FTK74700v0-da/ds	35/40/45/50	9000	White-180 / Black-155	30/60/90/120/DS	L1200 x H60	DALI	6 Wire
FTK73600v0-da/ds	45/50/55/60	10800	White-180 / Black-155	30/60/90/120/DS	L1500 x H60	DALI	6 Wire

Ra90 Version

Model No.		Wattage (W) (Selectable)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73500v0-ds/r9	Ra90	18/20/22/24	4000	White-170 / Black-150	30/60/90/120/DS	L600 x H60	NO	4 Wire, 3 Circuit
FTK74700v0-ds/r9	Ra90	35/40/45/50	8400	White-170 / Black-150	30/60/90/120/DS	L1200 x H60	NO	4 Wire, 3 Circuit
FTK73600v0-ds/r9	Ra90	45/50/55/60	10050	White-170 / Black-150	30/60/90/120/DS	L1500 x H60	NO	4 Wire, 3 Circuit
FTK74600v0-da/ds/r9	Ra90	18/20/22/24	4000	White-170 / Black-150	30/60/90/120/DS	L600 x H60	DALI	6 Wire
FTK74700v0-da/ds/r9	Ra90	35/40/45/50	8400	White-170 / Black-150	30/60/90/120/DS	L1200 x H60	DALI	6 Wire
FTK73600v0-da/ds/r9	Ra90	45/50/55/60	10050	White-170 / Black-150	30/60/90/120/DS	L1500 x H60	DALI	6 Wire

MEGAMAN®

Indoor Lighting / LED Track Panel

XAVIER 2

FTK73700v0-ds FTK74800v0-da/ds
FTK73700v1-ds FTK74800v1-da/ds
FTK73800v0-ds FTK73800v0-da/ds

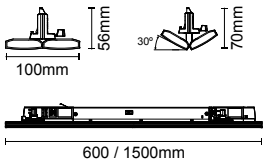
FTK73700v0-ds/r9 FTK74800v0-da/ds/r9
FTK73700v1-ds/r9 FTK74800v1-da/ds/r9
FTK73800v0-ds/r9 FTK73800v0-da/ds/r9

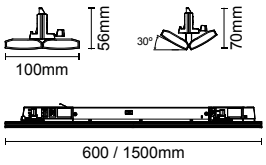




λ >0.9 | Class I | IP20 | IK03 | Flicker Free

λ >0.9 | Class I | IP20 | IK03 | Flicker Free | CRI 90





220-240V

White (WH12)

Black (BK12)

Ra80 Version

Model No.	Wattage (W) (Selectable)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73700v0-ds	18/20/22/24	4100	White-170 / Black-150	20 x 90	L600 x H100	NO	4 Wire, 3 Circuit
FTK73700v1-ds	35/40/45/50	8500	White-170 / Black-150	20 x 90	L600 x H100	NO	4 Wire, 3 Circuit
FTK73800v0-ds	45/50/55/60	10200	White-170 / Black-150	20 x 90	L1500 x H100	NO	4 Wire, 3 Circuit
FTK74800v0-da/ds	18/20/22/24	4100	White-170 / Black-150	20 x 90	L600 x H100	DALI	6 Wire
FTK74800v1-da/ds	35/40/45/50	8500	White-170 / Black-150	20 x 90	L600 x H100	DALI	6 Wire
FTK73800v0-da/ds	45/50/55/60	10200	White-170 / Black-150	20 x 90	L1500 x H100	DALI	6 Wire

Ra90 Version

Model No.		Wattage (W) (Selectable)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73700v0-ds/r9	Ra90	18/20/22/24	3800	White-170 / Black-150	20 x 90	L600 x H100	NO	4 Wire, 3 Circuit
FTK73700v1-ds/r9	Ra90	35/40/45/50	7900	White-170 / Black-150	20 x 90	L600 x H100	NO	4 Wire, 3 Circuit
FTK73800v0-ds/r9	Ra90	45/50/55/60	9500	White-170 / Black-150	20 x 90	L1500 x H100	NO	4 Wire, 3 Circuit
FTK74800v0-da/ds/r9	Ra90	18/20/22/24	3800l	White-170 / Black-150	20 x 90	L600 x H100	DALI	6 Wire
FTK74800v1-da/ds/r9	Ra90	35/40/45/50	7900	White-170 / Black-150	20 x 90	L600 x H100	DALI	6 Wire
FTK73800v0-da/ds/r9	Ra90	45/50/55/60	9500	White-170 / Black-150	20 x 90	L1500 x H100	DALI	6 Wire

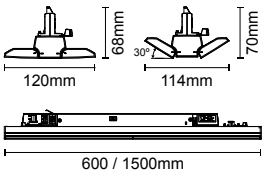
Integrated LED luminaire

XAVIER 2

FTK73900v0-ds FTK74900v0-da/ds
FTK73900v1-ds FTK74900v1-da/ds
FTK74000v0-ds FTK74000v0-da/ds



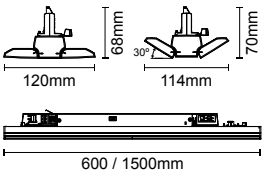
λ >0.9 | Class I | IP20 | IK03 | Flicker Free



FTK73900v0-ds/r9 FTK74900v0-da/ds/r9
FTK73900v1-ds/r9 FTK74900v1-da/ds/r9
FTK74000v0-ds/r9 FTK74000v0-da/ds/r9



λ >0.9 | Class I | IP20 | IK03 | Flicker Free | CRI 90



220-240V

White (WH12) Black (BK12)

Ra80 Version

Model No.	Wattage (W) (Selectable)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73900v0-ds	18/20/22/24	4100	White-170 / Black-150	30 x 90	L600 x H120	NO	4 Wire, 3 Circuit
FTK73900v1-ds	35/40/45/50	8500	White-170 / Black-150	30 x 90	L600 x H120	NO	4 Wire, 3 Circuit
FTK74000v0-ds	45/50/55/60	10200	White-170 / Black-150	30 x 90	L1500 x H120	NO	4 Wire, 3 Circuit
FTK74900v0-da/ds	18/20/22/24	4100	White-170 / Black-150	30 x 90	L600 x H120	DALI	6 Wire
FTK74900v1-da/ds	35/40/45/50	8500	White-170 / Black-150	30 x 90	L600 x H120	DALI	6 Wire
FTK74000v0-da/ds	45/50/55/60	10200	White-170 / Black-150	30 x 90	L1500 x H120	DALI	6 Wire

Ra90 Version

Model No.		Wattage (W) (Selectable)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73900v0-ds/r9	Ra90	18/20/22/24	3800	White-160 / Black-140	30 x 90	L600 x H120	NO	4 Wire, 3 Circuit
FTK73900v1-ds/r9	Ra90	35/40/45/50	7900	White-160 / Black-140	30 x 90	L600 x H120	NO	4 Wire, 3 Circuit
FTK74000v0-ds/r9	Ra90	45/50/55/60	9500	White-160 / Black-140	30 x 90	L1500 x H120	NO	4 Wire, 3 Circuit
FTK74900v0-da/ds/r9	Ra90	18/20/22/24	3800	White-160 / Black-140	30 x 90	L600 x H120	DALI	6 Wire
FTK74900v1-da/ds/r9	Ra90	35/40/45/50	7900	White-160 / Black-140	30 x 90	L600 x H120	DALI	6 Wire
FTK74000v0-da/ds/r9	Ra90	45/50/55/60	9500	White-160 / Black-140	30 x 90	L1500 x H120	DALI	6 Wire

MARCO 2


MEGAMAN® MARCO 2
Integrated LED Tracklight
DBT
U-DIM
SDCM ≤3
DALI
Hybrid Reflector
330°
±90°
50000 hrs
Up to 120 lm/W







MARCO 2



MEGAMAN® MARCO 2

Integrated LED Tracklight

MEGAMAN® MARCO 2 is designed by driver on adaptor, which enhance heat dissipation function effectively.Thanks for MEGAMAN® the Dual Beam Technology (DBT), it is dedicated the flexibility of beam anglesin one single luminaire and help to facilitate inventory management. DBT is an innovative approach for switching the size of the light spot with a finger press on lens. With this technology one can shape the light spot of the lamp / luminaire from a narrow beam angle to a wider beam angle. In addition high CRI90 options are also available within the range.

Features

- Driver on adaptor design enhance heat dissipation function effectively
- Combined MEGAMAN® patented Dual Beam Technology (DBT), capable to switching two beam angles in one luminaire
- Offers the flexibility of changing the beam angle on site, beneficial to lighting designers & visual merchandisers to cater different scene setting
- Enable keep less stock and reduce the storage space & management
- Excellent colour rendering index of 90
- High efficacies up to 120lm/W
- High colour consistency SDCM ≤ 3
- Long life 50,000hrs at L70B50 at Ta25°C

DBT | U-DIM | SDCM ≤3 | DALI | Hybrid Reflector | 330° | ±90° | CRI 90 | λ >0.9 | 50000 hrs | Up to 120 lm/W

Applications

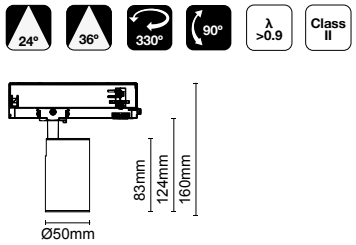
- Shop lighting
- Hotels
- Showrooms
- Restaurants
- Museums

Indoor Lighting / Track Lighting

MARCO 2 MINI

FTK73000v0-db+024D036D
FTK73000v0-db/r9+024D036D





220-240V | IP20 | SCDM ≤3

White (WH26) | Black (BK24)

Standard Version

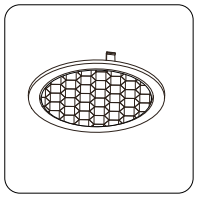
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK73000v0-db+024D036D DBT	12	1100 (2800K) 1200 (4000K)	92 (2800K) 100 (4000K)	24/36	5500 (24°) 2650 (36°)	Ø50 x L160	2800K/4000K (Ra80)	50000	>0.9	Aluminium
FTK73000v0-db/r9+024D036D DBT Ra90	12	1250 (2800K) 1350 (4000K)	104 (2800K) 113 (4000K)	24/36	5500 (24°) 2650 (36°)	Ø50 x L150	2800K/4000K (Ra90)	50000	>0.8	Aluminium

220-240V | IP20 | SCDM ≤3 | DALI

DALI Version

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK73000v0-da/db+024D036D DBT	12	1100 (2800K) 1200 (4000K)	92 (2800K) 100 (4000K)	24/36	5500 (24°) 2650 (36°)	Ø50 x L160	2800K/4000K (Ra80)	50000	>0.9	Aluminium
FTK73000v0-da/db/r9+024D036D DBT Ra90	12	1250 (2800K) 1350 (4000K)	104 (2800K) 113 (4000K)	24/36	5500 (24°) 2650 (36°)	Ø50 x L150	2800K/4000K (Ra90)	50000	>0.8	Aluminium

Optional Accessory



LA10133
Honeycomb louvre for MARCO 2 MINI

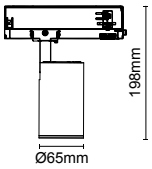
Integrated LED luminaire

MARCO 2 MIDI

FTK73100v0-db+024D045D
FTK73100v0-db/r9+024D045D



24° 45° 330° 90° λ >0.9 Class II



220-240V IP20 SCDM ≤3

White (WH26) Black (BK24)

Standard Version

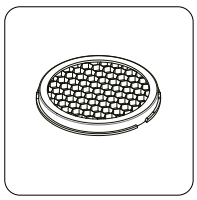
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK73100v0-db+024D045D DBT	24	2300 (3000K) 2400 (4000K)	96 (3000K) 100 (4000K)	24/45	13000 (24°) 4300 (45°)	Ø65 x L198	3000K/4000K (Ra80)	50000	>0.9	Aluminium
FTK73100v0-db/r9+024D045D DBT Ra90	24	2500 (3000K) 2500 (4000K)	104 (3000K) 104 (4000K)	24/45	13000 (24°) 4300 (45°)	Ø65 x L190	3000K/4000K (Ra90)	50000	>0.9	Aluminium

220-240V IP20 SCDM ≤3 DALI

DALI Version

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK73100v0-da/db+024D045D DBT	24	2300 (3000K) 2400 (4000K)	96 (3000K) 100 (4000K)	24/45	13000 (24°) 4300 (45°)	Ø65 x L198	3000K/4000K (Ra80)	50000	>0.9	Aluminium
FTK73100v0-da/db/r9+024D045D DBT Ra90	24	2500 (3000K) 2500 (4000K)	104 (3000K) 104 (4000K)	24/45	13000 (24°) 4300 (45°)	Ø65 x L190	3000K/4000K (Ra90)	50000	>0.9	Aluminium

Optional Accessory



LA10098
Honeycomb louvre for MARCO 2 MIDI

Integrated LED luminaire

MEGAMAN®

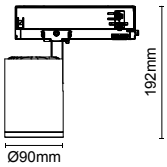
Indoor Lighting / Track Lighting

MARCO 2 90

FTK73200v0-db+024D045D
FTK73200v1-db/r9+025D045D



24° 25° 45° 330° 90° λ >0.9 Class II



220-240V IP20 SCDM ≤3

White (WH26) Black (BK24)

Standard Version

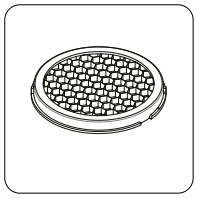
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK73200v0-db+024D045D DBT	34	3400 (3000K) 3600 (4000K)	96 (3000K) 100 (4000K)	24/45	18000 (24°) 7000 (45°)	Ø90 x 192	3000K/4000K (Ra80)	50000	>0.9	Aluminium
FTK73200v1-db/r9+025D045D DBT Ra90	34	4100 (3000K) 4250 (4000K)	120 (3000K) 125 (4000K)	25/45	18000 (25°) 7000 (45°)	Ø90 x 192	3000K/4000K (Ra90)	50000	>0.9	Aluminium

220-240V IP20 SCDM ≤3 DALI

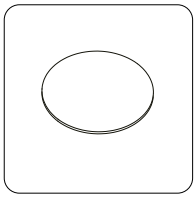
DALI Version

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK73200v0-da/db+024D045D DBT	34	3400 (3000K) 3600 (4000K)	96 (3000K) 100 (4000K)	24/45	18000 (24°) 7000 (45°)	Ø90 x 192	3000K/4000K (Ra80)	50000	>0.9	Aluminium
FTK73200v1-da/db/r9+025D045D DBT Ra90	34	4100 (3000K) 4250 (4000K)	120 (2800K) 125 (4000K)	25/45	18000 (25°) 7000 (45°)	Ø90 x 192	3000K/4000K (Ra90)	50000	>0.9	Aluminium

Optional Accessory



LA10181
Honeycomb louvre for MARCO 2 90

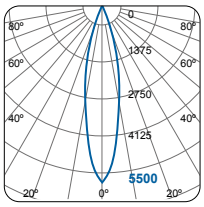


LA10212
Flat glass for MARCO 2 90

Integrated LED luminaire

MARCO 2 MINI Photometric Data

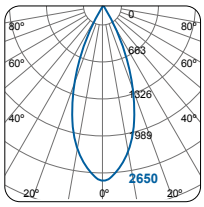
FTK73000v0-db+024D
FTK73000v0-db/r9+024D



m	Lux	Ø cm
0.5	22000	21
1	5500	43
1.5	2444	64
2	1375	85

Beam angle = 24°

FTK73000v0-db+036D
FTK73000v0-db/r9+036D

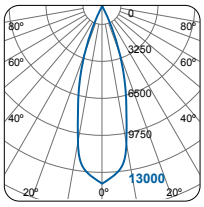


m	Lux	Ø cm
0.5	10600	32
1	2650	65
1.5	1178	97
2	663	130

Beam angle = 36°

MARCO 2 MIDI Photometric Data

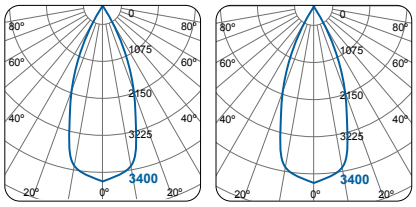
FTK73100v0-db+024D
FTK73100v0-db/r9+024D



m	Lux	Ø cm
0.5	52000	21
1	13000	43
1.5	5778	64
2	3250	85

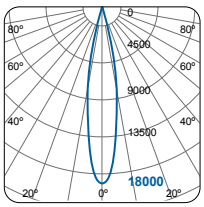
Beam angle = 24°

FTK73100v0-db+045D
FTK73100v0-db/r9+045D



MARCO 2 90 Photometric Data

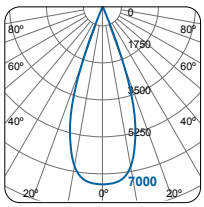
FTK73200v0-db+024D
FTK73200v1-db/r9+024D



m	Lux	Ø cm
0.5	72000	21
1	18000	43
1.5	8000	64
2	4500	85

Beam angle = 25°

FTK73200v0-db+045D
FTK73200v1-db/r9+045D



m	Lux	Ø cm
0.5	28000	41
1	7000	83
1.5	3111	124
2	1750	166

Beam angle = 45°

MORA



MEGAMAN® MORA

LED Tracklight

When utilizing the latest MEGAMAN® PAR16 LED reflector lamp technology with highly efficient optics, MEGAMAN® MORA is a very low energy track light compared with halogen sources. The upgraded construction of MEGAMAN® MORA also allows compatibility with most LED PAR16 lamps on the market. MEGAMAN® MORA has adjustable 90° tilt and 330° rotation angles, providing a cost effective multidirectional lighting solution ideal for common accent lighting applications.

Features

- Compact serviceable GU10 tracklight
- Compatible to most of the market LED PAR16 Lamp
- Adjustable arm for multi-directional lighting: 330° horizontal rotation and 90° vertical tilting angle
- 3 circuit track adaptor as standard compatible with most 3 circuit systems
- Single phase track adaptor version available



Applications

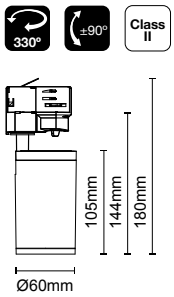
- Shops and boutiques
- Hotels
- Restaurants
- Homes

MORA

FTK70317v0 / FTA70317v0 /
FTS70317v0







220-240V

White (WH12) Silver (SV22) Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
FTK70317v0	8	Ø60 x H180	LED PAR16	GU10	Polycarbonate
FTA70317v0	8	Ø60 x H163	LED PAR16	GU10	Polycarbonate
FTS70317v0	8	Ø60 x H163	LED PAR16	GU10	Polycarbonate



Max. 8W
LED PAR16
GU10

MOSAIC



MEGAMAN® MOSAIC

LED Tracklight

MEGAMAN® MOSAIC is a compact adjustable fitting for use with LED PAR16 reflectors to replace halogen in accent lighting applications – offering excellent light output with up to 25,000 hours lifetime.

With adjustable 330° rotation and 90° tilt angles, MEGAMAN® MOSAIC provides a flexible multidirectional lighting solution that is ideal for accent lighting applications. MEGAMAN® MOSAIC offers visual comfort with minimal glare.

Features

- Flexible multi-directional lighting: adjustable 330° rotation and 90° tilt angle, Ideal for use in galleries, restaurants, showrooms, hotels, retail outlets, reception areas, etc.
- Offers visual comfort with minimal glare
- Adjustable lamp holder for easy installation
- Offers two installation methods: track and surface mounted
- Track version has 3 circuit track adaptor as standard compatible with most 3 circuit systems
- Asian track adaptor version available



Applications

- Galleries
- Restaurants
- Showrooms
- Hotels
- Retail outlets
- Reception areas



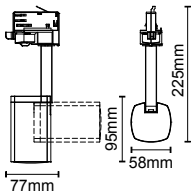


MOSAIC

F11517TA / F11517TK



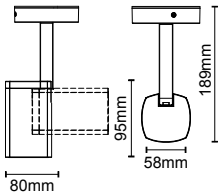
330° ±90° IP20 Class II



F11517SM



330° ±90° IP20 Class II





220-240V

White (WH12) Silver (SV22) Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F11517TA	14	Ø77 x W58 x H193	LED PAR16	GU10	Polycarbonate
F11517TK	14	Ø77 x W58 x H225	LED PAR16	GU10	Polycarbonate
F11517SM	14	Ø80 x W58 x H189	LED PAR16	GU10	Polycarbonate



Max. 14W
LED PAR16
GU10

TOBY



MEGAMAN® TOBY

LED Tracklight

MEGAMAN® TOBY has a stylish finishing with aluminium material and uses an LED AR111 reflector to offer superb high lumen intensity and up to 40,000 hours service lifetime, which is perfect for the conventional halogen AR111 application replacement.

Designed for adjustable 340° rotation and 170° tilt angles, MEGAMAN® TOBY allows for multidirectional lighting. It is perfect for use in any retail outlet, hotel, restaurant, gallery or residential applications.

Features

- Designed to replace conventional halogen applications, MEGAMAN® TOBY uses a stylish finishing with aluminium material and works with LED AR111 to offer up to 40,000 hours service lifetime
- Flexible multi-directional lighting with adjustable 340° rotation and 170° tilt angles
- Track version has 3 circuit track adaptor as standard compatible with most 3 circuit systems
- Asian track adaptor version available



Applications

- Retail outlets
- Hotels
- Restaurants
- Galleries
- Residential applications

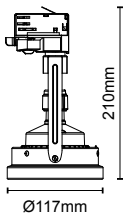


TOBY

F13117TK / F13117TA



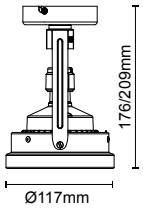
340° 170° IP20 Class II



F13117SM



340° 170° IP20 Class II





220-240V

White (WH21) Silver (SV23) Black (BK21)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F13117TK / F13117TA	15	Ø117 x H210	LED AR111	GU10	Steel



Max. 15W
LED AR111
GU10

KETO SLIM

NEW



Replaceable LED & Driver

MEGAMAN® KETO SLIM

Under Cabinet

IP21 | Flicker Free | 40000 hrs









KETO SLIM



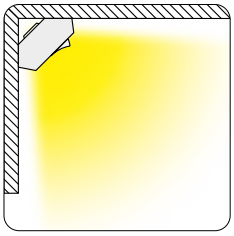
MEGAMAN® KETO SLIM
Under Cabinet

MEGAMAN® KETO SLIM is an ideal luminaire range for indoor applications for residential lighting not only delivering a significant lighting performance but also with switching colour function. This luminaire with the Hexagon shape design is able to be mounted for 45º applications. MEGAMAN® KETO SLIM is easy to handle as the integrated driver and built-in LED facilitates easy installation with featured by type C and USB port charger offers flexibility.

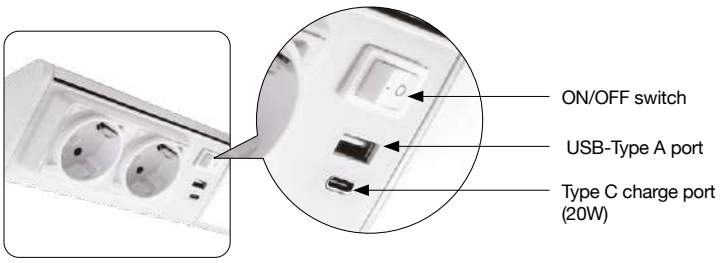
Features:
- True replacement for traditional T5 & T8 Battens
- Integrated driver and built-in LED facilitate easy installation and with ON/OFF switch built in 2 different lengths
- Hexagon shape design with inclined base to be mounted for 45ºapplication
- Two electrical sockets with the luminaire for the power supply for other appliances
- USB-Type A and Type C charge (20W) for power supply for other electronic device, such as mobile phone

Replaceable LED & Driver | IP21 | Flicker Free | 40000 hrs

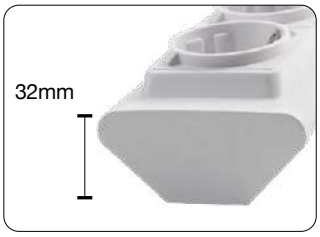
Applications
- Under cabinet
- Staircases
- Corridors
- Kitchens



The base is inclined, so MEGAMAN® KETO SLIM can be mounted at 45º under cabinets



Two electrical sockets for supply of appliances
Also with ON/OFF switch, USB and type C port



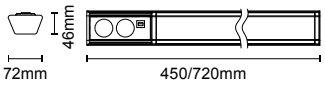
Ultra slim profile only 32mm height

KETO SLIM

FIB80300v0
FIB80400v0



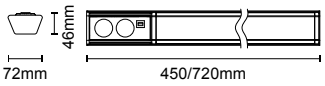
IP21 | Class I | 110° | Flicker Free



FIB80500v0
FIB80600v0



IP21 | Class I | 110° | Flicker Free



220-240V

White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Version	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FIB80300v0	3.5	350	110	L450 x W72 x H46	ON/OFF + 2 Electrical Sockets	40000	Polycarbonate housing + Polycarbonate diffuser
FIB80400v0	9	900	110	L720 x W72 x H46	ON/OFF + 2 Electrical Sockets	40000	Polycarbonate housing + Polycarbonate diffuser
FIB80500v0	3.5	350	110	L450 x W72 x H46	ON/OFF + 2 Electrical Sockets Plus USB-Type A and Type C charge (20W)	40000	Polycarbonate housing + Polycarbonate diffuser
FIB80600v0	9	900	110	L720 x W72 x H46	ON/OFF + 2 Electrical Sockets Plus USB-Type A and Type C charge (20W)	40000	Polycarbonate housing + Polycarbonate diffuser



Additional clip accessories for holding mobile phone.
Max. weight 1 kg

Accessory



KETO SLIM



KARINA ROTATE

NEW



MEGAMAN® KARINA ROTATE

Under Cabinet Lighting

Switching CCT | Step Dimming | IP20 | Flicker Free | 120° | 25000 hrs

KARINA ROTATE

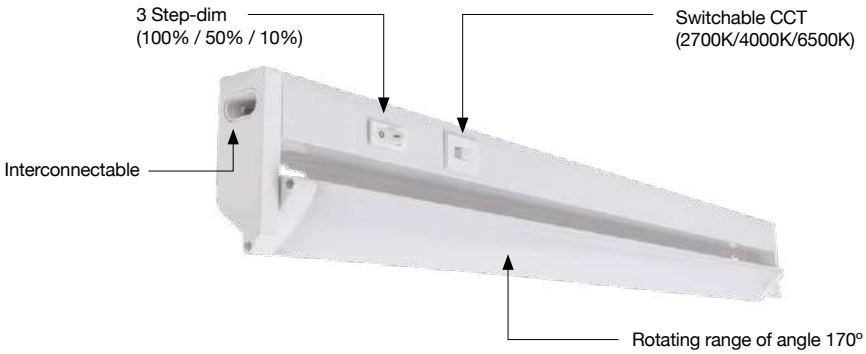


MEGAMAN® KARINA ROTATE

Under Cabinet Lighting

MEGAMAN® KARINA ROTATE is a versatile auxiliary lighting for furniture installation in the kitchen, wardrobe or under cabinet. Rotatable luminaire allows setting the light at the best angle to suit the space with switchable colour temperature to the desired level. MEGAMAN® KARINA ROTATE with 3 step-dimming caters to a variety of applications and it is interconnectable via linking cables which enhancing the flexibility.

Features:
- Rotatable luminaire allows to set the light in direction for best fit the space
- Rotating range of angle 170°
- 3 step-dim 100%/50%/10%
- Switchable CCT (2700K/4000K/6500K)
- Wide light-emitting area
- Interconnectable can link with other fixtures together by using the connecting cable
- Easy installation



Switching CCT | Step Dimming | IP20 | Flicker Free | 120° | 25000 hrs

Applications
- Under cabinet
- Staircases
- Corridors
- Kitchens

Integrated LED luminaire

MEGAMAN®

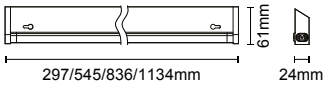
Indoor Lighting / Under Cabinet Lighting

KARINA ROTATE

FIB81800v0-ds/sc
FIB81900v0-ds/sc
FIB82000v0-ds/sc
FIB82100v0-ds/sc



IP20 | 120° | Flicker Free

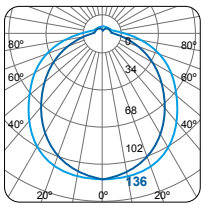


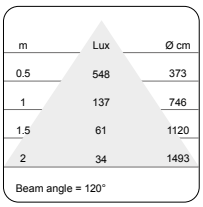
220-240V

White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp. (Switchable)	Dimmable	Beam Angle (°)	Dimension (mm)	Life time at L70B50 at Ta25°C (hrs)	Materials
FIB81800v0-ds/sc	4	400	2700K/4000K/6500K	Step dim 100%/50%/10%	120	L297 x H24 x W61	25000	PVC Body +PC Diffuser
FIB81900v0-ds/sc	8	800	2700K/4000K/6500K	Step dim 100%/50%/10%	120	L545 x H24 x W61	25000	PVC Body +PC Diffuser
FIB82000v0-ds/sc	12	1200	2700K/4000K/6500K	Step dim 100%/50%/10%	120	L836 x H24 x W61	25000	PVC Body +PC Diffuser
FIB82100v0-ds/sc	16	1600	2700K/4000K/6500K	Step dim 100%/50%/10%	120	L1134 x H24 x W61	25000	PVC Body +PC Diffuser

FIB81800v0-ds/sc

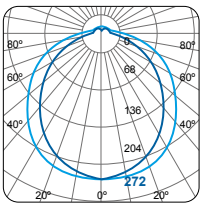


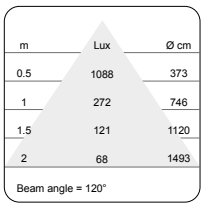


m	Lux	Ø cm
0.5	548	373
1	137	746
1.5	61	1120
2	34	1493

Beam angle = 120°

FIB81900v0-ds/sc

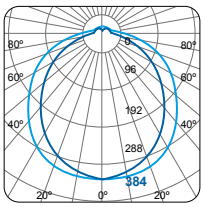


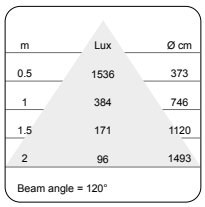


m	Lux	Ø cm
0.5	1088	373
1	272	746
1.5	121	1120
2	68	1493

Beam angle = 120°

FIB82000v0-ds/sc

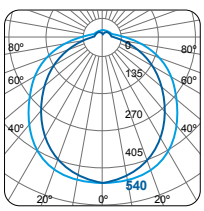


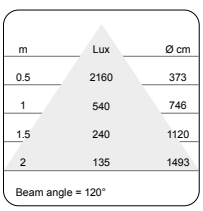


m	Lux	Ø cm
0.5	1536	373
1	384	746
1.5	171	1120
2	96	1493

Beam angle = 120°

FIB82100v0-ds/sc





m	Lux	Ø cm
0.5	2160	373
1	540	746
1.5	240	1120
2	135	1493

Beam angle = 120°

Accessory



Power Cord 1.2m
Connecting Cable 17cm

Integrated LED luminaire

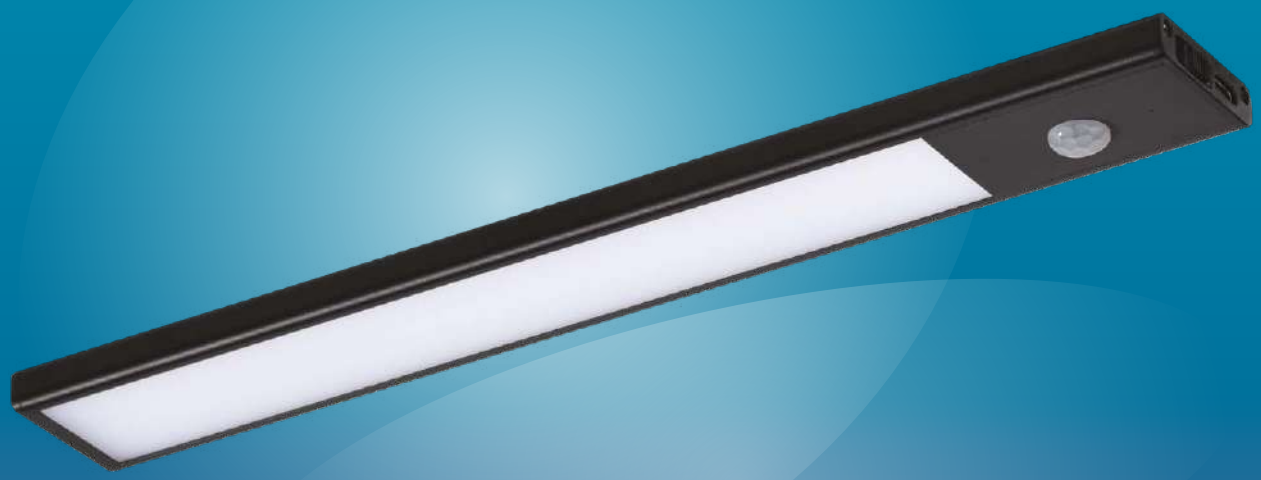
KARINA ROTATE



Integrated LED luminaire

LAGOM

NEW



MEGAMAN® LAGOM

Under Cabinet Batten

Touch Hold Dim | PIR Sensor | Hand Wave Sensor | Dimmable | USB-C | Flicker free | 25000 hrs | IP20







LAGOM



MEGAMAN® LAGOM

Under Cabinet Batten

MEGAMAN® LAGOM is a versatile auxiliary lighting for furniture installation in kitchen, wardrobe or under cabinet. It comes with ultra-slim design with 11mm height only.
MEGAMAN® LAGOM comes with 3 different versions including
(1) Touch switch, (2) PIR motion sensor and (3) Hand wave sensor.
3 different control technology offers an obvious upgrade for indoor lighting suitable for variety applications.



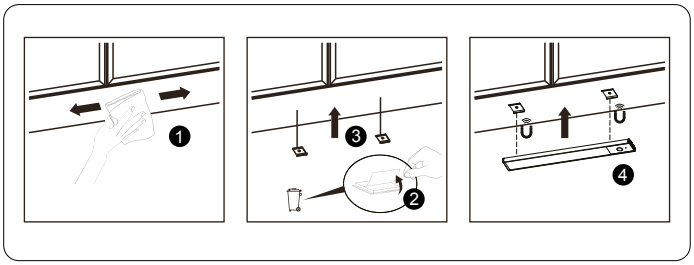
Features

- Magnetic light bar with ultra-slim design only 11mm height
- Tool-less wiring connection design
- 3 versions : Touch switch, PIR motion sensor and Hand wave sensor
- Wide light-emitting area
- True replacement for traditional T5 & T8 Battens

Applications

- Under cabinet
- Staircases
- Wardrobes
- Kitchen

Magnet Mounting



MEGAMAN®

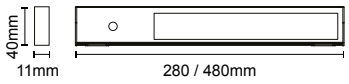
Indoor Lighting / Under Cabinet Batten

LAGOM

FIB80700v0-ts
FIB80800v0-ts



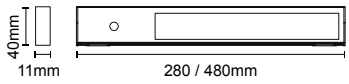
IP20 | Class III | 110° | Flicker Free



FIB80700v0-ps
FIB80800v0-ps



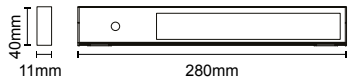
IP20 | Class III | 110° | Flicker Free



FIB80700v0-ws
FIB80800v0-ws



IP20 | Class III | 110° | Flicker Free



220-240V

White (WH26) | Silver (SV24) | Black (BK22)

Model No.	Input Wattage (W)	Discharge Wattage Max. (W)	Luminous Flux (lm)	Dimension (mm)	Colour Temp.	Dimmable	Rated Life at L70B50 at Ta25°C	Control Technology	Materials
FIB80700v0-ts	2.7	1	175	L280 x W40 x H11	4000K	Hold dimming (10%~100%)	25000	Touch	Aluminum and Plastic
FIB80800v0-ts	3	1.5	270	L480 x W40 x H11	4000K	Hold dimming (10%~100%)	25000	Touch	Aluminum and Plastic
FIB80700v0-ps	2.7	1	175	L280 x W40 x H11	4000K	NO	25000	PIR Sensor	Aluminum and Plastic
FIB80800v0-ps	3	1.5	270	L480 x W40 x H11	4000K	NO	25000	PIR Sensor	Aluminum and Plastic
FIB80700v0-ws	2.7	1	175	L280 x W40 x H11	4000K	Hold dimming (10%~100%)	25000	Hand Wave Sensor	Aluminum and Plastic
FIB80800v0-ws	3	1.5	270	L480 x W40 x H11	4000K	Hold dimming (10%~100%)	25000	Hand Wave Sensor	Aluminum and Plastic

Accessories included:



1pc 0.5m charging cable (USB-A to USB-C)

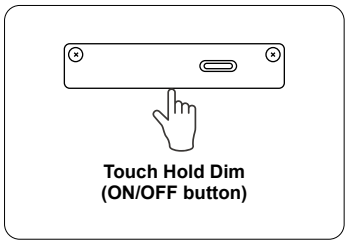


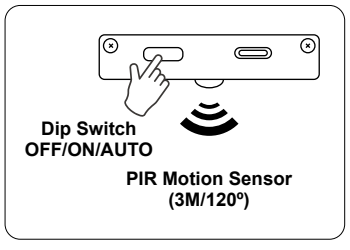
2pcs snap plate with 3M adhesive tape

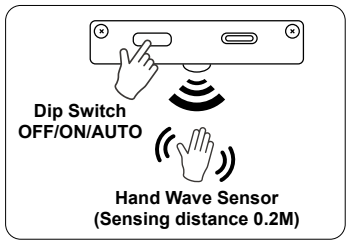
Typ-C Rechargeable



Charging time: 3hrs
Discharging time: 5hrs
Rechargeable Li-ion 3.7V battery
1500mAh for 3W version
1000mAh for 2.7W version







LAGOM



EMMA



MEGAMAN® EMMA

Integrated LED Wall Lamp

MEGAMAN® EMMA is an integrated LED Wall Lamp with IP44 protection class easy withstand for the moisture in bathrooms and damp locations. Brilliant design with dual CCT function with 3-steps switching via IR sensor cater for different scenes setting. Easy installation for wall mounted or mounted with bracket on the cabinet enhance the flexibility.

Features
- Dual CCT function with 3-steps scene switching via IR sensor
- 2 installation methods including Wall mounted and Mounted on cabinet with bracket
- IP44 protection
- Operation temperature -20°C to +40°C



OFF	X1	X2	X3
	100% 4000K	100% 3000K	30% 3000K

Switching CCT | Hand Wave Sensor | IP44 | Class II | 25000 hrs | Up to 100 lm/W

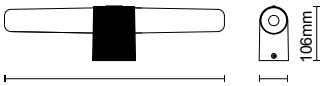
Applications
- Bathrooms
- Corridors
- Residential
- Hotels



EMMA

FWL70500v0-ds/ps/sc





220-240V

Model No.	Wattage (W)	Luminous Flux (lm)	Beam Angle (°)	3-Step Scene Switching	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FWL70500v0-ds/ps/sc	9	900	360	Step 1 : 4000K at 100% Step 2 : 3000K at 100% Step 3 : 3000K at 30%	3000K/4000K	L425 x W59 x H106	25000	PC diffuser and Plastic housing

Cabinet bracket included



JUPITER



MEGAMAN® JUPITER

Mirror Light

MEGAMAN® JUPITER mirror light in style design with different lengths for customizable to suit personal preferences and decor. MEGAMAN® JUPITER with multi-mounting methods including straddle mounted on top of mirror, mounted on the furnitures or wall-mounted offer the flexibility and versatile options for mounting which is an ideal choice for bathrooms and bedrooms.

IP44

25000 hrs

Features
- Multi-mounting methods: straddle mounted on top of mirror, mounted on the furnitures or wall-mounted
- 3 different lengths for versatile application
- 3 housing colour to suit personal preferences and décor
- Easy connection for friendly installation

Applications
- Bathroom
- Bedroom
- Residential application
- Hotels

Multi-mounting methods
1. Straddle mounted on top of mirror
2. Mounted on the furnitures
3. Wall-mounted



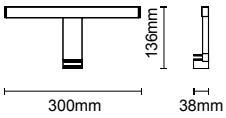
Integrated LED luminaire

JUPITER

FWL70800v0



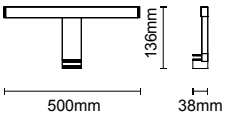
IP44



FWL70900v0



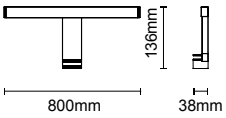
IP44



FWL71000v0



IP44



220-240V

White Chrome Black

Model no.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25ºC (hrs)	Dimmable	Housing Colour
FWL70800v0	9	900	3000K/4000K/6500K	L300 x W136 x H38	25000	non-dim	Black/White/Chrome
FWL70900v0	13	1350	3000K/4000K/6500K	L500 x W136 x H38	25000	non-dim	Black/White/Chrome
FWL71000v0	16	1700	3000K/4000K/6500K	L800 x W136 x H38	25000	non-dim	Black/White/Chrome

MARS



MEGAMAN® MARS

Mirror Light

MEGAMAN® MARS mirror light produces a bright and even lighting which is perfect for personal grooming. The even lighting is particularly beneficial to eliminate shadows or glare to see the reflection in the mirror. MEGAMAN® MARS with scenes setting feature via wall switch with memory function according to perference and need for creating the perfect ambience for different occasions.

IP44 | Ra90 | Scenes Setting

Features
- Scenes setting via wall switch with memory function
- 3 scenes setting to create different mood
- Easy connection for friendly installation

Applications
- Bathroom
- Bedroom
- Residential application
- Hotels





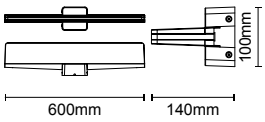
Integrated LED luminaire

MARS

FWL70700v0-ss



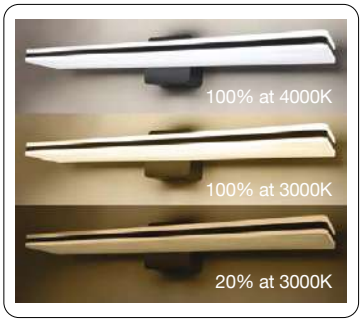
IP44 Ra90



220-240V

White (WH26) Black (BK12)

Model No.	Max. Wattage (W)	Luminous Flux (lm)	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Scenes Setting	Housing Colour
FWL70700v0-ss Ra90	24	1800	3000K and 4000K	L600 x W140 x H100	25000	100% at 4000K 100% at 3000K 20% at 3000K	Black/BK12 White/WH26



Integrated LED luminaire

NEPTUNE



MEGAMAN® NEPTUNE

Mirror Light

Step Dimming | IP44 | 25000 hrs





Integrated LED luminaire

NEPTUNE



MEGAMAN® NEPTUNE

Mirror Light

MEGAMAN® NEPTUNE mirror light designed very unique with frosted glass diffuser providing indirect lighting with stylish wall wash effect. MEGAMAN® NEPTUNE perfect for bathrooms, dressing rooms, bedrooms and even commercial spaces like hotels to enhance the decor while providing 3-Step scene setting feature 100%, 50% or 20% dimming by wall switch, adding a touch of elegance and style to any space.

Features

- 3-Step scene setting feature 100%, 50% or 20% dimming by wall switch
- Tempered frosted glass diffuser providing indirect lighting with wall wash effect
- Night light (60 lumen)
- High CRI 90

Step Dimming | IP44 | 25000 hrs

Applications

- Bathroom
- Bedroom
- Residential application
- Hotels

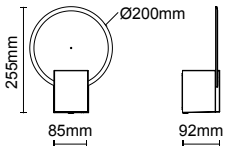
Integrated LED luminaire

NEPTUNE

FWL71200v0-ds/r9



IP44



220-240V

White (WH12) Black (BK12) Chrome (CH52) Marble (MB91) Wooden (WD91)

Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Dimmable	Housing Colour
FWL71200v0-ds/r9	9.5	900	3000K	L200 x W92.5 x H255	25000	3-Step Scene Setting 100%, 50% or 20%	White/Black/Chrome/ Wood/Marble

NEPTUNE



Integrated LED luminaire

VENUS



MEGAMAN® VENUS

Mirror Light

IP44

25000 hrs

MEGAMAN® VENUS mirror light enhances the beauty and functionality of living space, not only provide lighting but also add a touch of elegance and style to any space. MEGAMAN® VENUS with multi-mounting methods including straddle mounted on top of mirror or wall-mounted offer the flexibility and versatile options for mounting which is perfect for bathrooms, dressing rooms, bedrooms and even commercial spaces like spas and salons to enhance the decor while providing functional lighting. They can be hung on the wall or used as freestanding mirrors, depending on your preferences and the layout of your room. The lighting provided by LED mirrors can be adjusted to suit different needs, making them an excellent option for various applications.

Applications
- Bathroom
- Bedroom
- Residential application
- Hotels
- Commercial spaces like spas or salons

Features
- Multi-mounting methods: straddle mounted on top of mirror or wall-mounted
- Easy connection for friendly installation



Wall-mounted



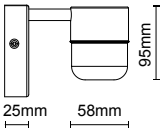
Straddle mounted on top of mirror

VENUS

FWL71100v0



IP44



220-240V

White Black

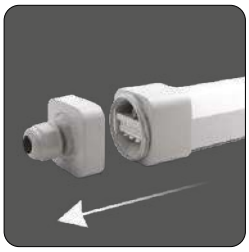
Model no.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Dimmable	Housing Colour
FWL71100v0	6.5	600	3000K/4000K/6500K	L130 x W95 x H58	25000	non-dim	Black/White

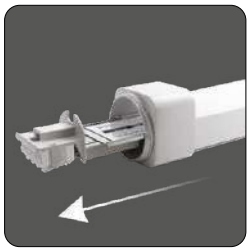
Integrated LED luminaire

HAGON XChange®



MEGAMAN® HAGON XChange® redefines the eco-friendliness which enable both the light source and control gear are replaceable to achieve the sustainability.







HAGON XChange®



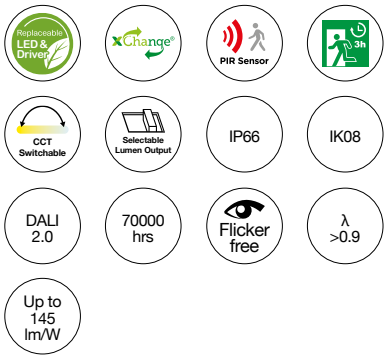
MEGAMAN® HAGON XChange®

Integrated Waterproof LED Batten

MEGAMAN® HAGON XChange® Integrated Waterproof LED Batten redefines the eco-friendliness which users can replace only the components – both the light source or control gear – that are no longer functioning, reducing the environmental impact associated with disposing of entire fixtures. MEGAMAN® HAGON XChange® with enhanced durability, performance, and energy efficiency for modern lighting applications, including car parks, warehouses, workshops, and underground areas. MEGAMAN® HAGON XChange® offers dual lumen output options High Output and Low Output, enhancing inventory management and versatility also colour temperature selectable version also available, users can tailor the lighting to their specific requirements and create the desired ambiance for various applications.

Features

- Replaceable light source and control gear to simplify maintenance and support sustainability
- Compact and slim profile achieved by one-piece extruded diffuser, it guarantees 100% no water intrusion
- Dual Lumen Output in one luminaires (1.2m and 1.5m): 2 steps selectable lumen which equivalent to two lamps (HO) and single lamp version (LO); enhancing inventory flexibility
- Compatible with attachable PIR Sensor (LA11155), allowing to form a master and slave in lighting system
- Energy saving with efficacy up to 145lm/W
- Tool-less installation (loop-in/ loop-out with push-in terminal)
- IP66 and IK08 rated
- Compatible with 4 x 2.5mm² and 6 x 2.5mm² cable with M20 cable gland for ON/OFF and DALI version respectively
- Flicker free
- Theft proof mounting accessory is available



Applications

- Car Park
- Warehouse
- Workshops
- Underground areas

Accessory



LA11155+LA11249
PIR Sensor Module



LA11156+LA11249
3H Emergency Kit

Indoor Lighting / Integrated Waterproof LED Batten

HAGON XChange®

FOB83500v0-ds FOB83500v1-ds
FOB83600v0-ds FOB83600v1-ds
FOB83700v0-ds FOB83700v1-ds
FOB83700v2-ds FOB83700v3-ds

FOB83500v0-ds/sc FOB83500v1-ds/sc
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FOB83700v0-ds/sc FOB83700v1-ds/sc
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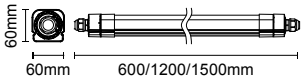
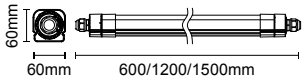
IP66 IK08 λ >0.9 Class II Flicker Free





IP66 IK08 λ >0.9 Class II Flicker Free



220-240V

Grey (SV16)

SINGLE CCT, 120lm/W

Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v0-ds	9/17	1100/2000	122/118	L600 x W60 x H60	4000K	70000	Polycarbonate
FOB83600v0-ds	17/33	2300/4000	135/121	L1200 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v0-ds	33/50	4000/6000	121/120	L1500 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v2-ds	55/68	6600/8200	120/121	L1500 x W60 x H60	4000K	70000	Polycarbonate

SINGLE CCT, 145lm/W

Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v1-ds	9/17	1300/2500	144/147	L600 x W60 x H60	4000K	70000	Polycarbonate
FOB83600v1-ds	17/33	2500/4800	147/145	L1200 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v1-ds	33/50	4800/7300	145/146	L1500 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v3-ds	55/68	8000/10000	145/147	L1500 x W60 x H60	4000K	70000	Polycarbonate

3 CCT, 120lm/W

Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v0-ds/sc	9/17	1100/2000	122/118	L600 x W60 x H60	3000K/4000K/5700K	70000	Polycarbonate
FOB83600v0-ds/sc	17/33	2300/4000	135/121	L1200 x W60 x H60	3000K/4000K/5700K	70000	Polycarbonate
FOB83700v0-ds/sc	33/50	4000/6000	121/120	L1500 x W60 x H60	3000K/4000K/5700K	70000	Polycarbonate
FOB83700v2-ds/sc	55/68	6600/8200	120/121	L1500 x W60 x H60	3000K/4000K/5700K	70000	Polycarbonate

3 CCT, 145lm/W

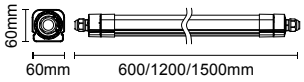
Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v1-ds/sc	9/17	1300/2500	144/147	L600 x W60 x H60	3000K/4000K/5700K	70000	Polycarbonate
FOB83600v1-ds/sc	17/33	2500/4800	147/145	L1200 x W60 x H60	3000K/4000K/5700K	70000	Polycarbonate
FOB83700v1-ds/sc	33/50	4800/7300	145/146	L1500 x W60 x H60	3000K/4000K/5700K	70000	Polycarbonate
FOB83700v3-ds/sc	55/68	8000/10000	145/147	L1500 x W60 x H60	3000K/4000K/5700K	70000	Polycarbonate

HAGON XChange®

FOB83500v0-da FOB83500v1-da
FOB83600v0-da FOB83600v1-da
FOB83700v0-da FOB83700v1-da
FOB83700v2-da FOB83700v3-da



IP66 IK08 λ >0.9 Class II Flicker Free



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FOB83700v0-da/sc FOB83700v1-da/sc
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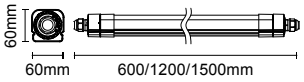
IP66 IK08 λ >0.9 Class II Flicker Free



220-240V DALI

Grey (SV16)

SINGLE CCT, 120lm/W

Model No.	Wattage (W)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v0-da	17	2000	122/118	L600 x W60 x H60	4000K	70000	Polycarbonate
FOB83600v0-da	33	4000	135/121	L1200 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v0-da	50	6000	121/120	L1500 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v2-da	68	8200	120/121	L1500 x W60 x H60	4000K	70000	Polycarbonate

SINGLE CCT, 145lm/W

Model No.	Wattage (W)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v1-da	17	2000	144/147	L600 x W60 x H60	4000K	70000	Polycarbonate
FOB83600v1-da	33	4000	147/145	L1200 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v1-da	50	6000	145/146	L1500 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v3-da	68	8200	145/147	L1500 x W60 x H60	4000K	70000	Polycarbonate

3 CCT, 120lm/W

Model No.	Wattage (W)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v0-da/sc	17	2000	122/118	L600 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83600v0-da/sc	33	4000	135/121	L1200 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83700v0-da/sc	50	6000	121/120	L1500 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83700v2-da/sc	68	8200	120/121	L1500 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate

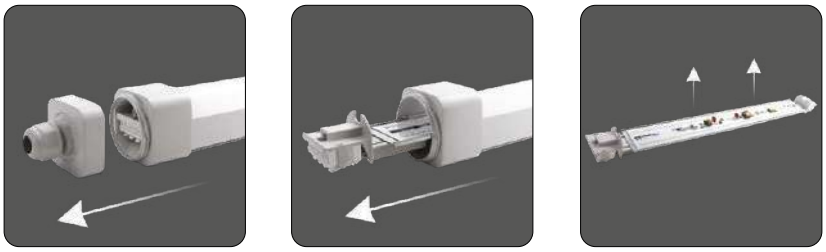
3 CCT, 145lm/W

Model No.	Wattage (W)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v1-da/sc	17	2000	144/147	L600 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83600v1-da/sc	33	4000	147/145	L1200 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83700v1-da/sc	50	6000	145/146	L1500 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83700v3-da/sc	68	8200	145/147	L1500 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate

HAGON XChange® FARM



MEGAMAN® HAGON XChange® FARM redefines the eco-friendliness which enable both the light source and control gear are replaceable to achieve the sustainability.



HAGON XChange® FARM



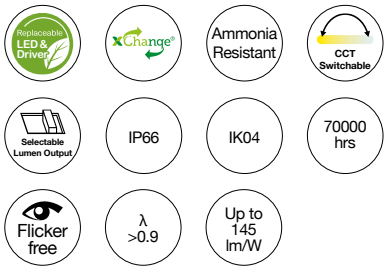
MEGAMAN® HAGON XChange® FARM

Waterproof LED Batten

MEGAMAN® HAGON XChange® FARM is designed to deliver exceptional LED performance in demanding agricultural environments, including animal husbandry. Built with chemical-resistant materials, it offers superior durability with IP66 ingress protection and IK04 impact resistance, ensuring reliability in aggressive chemical atmospheres. Its tool-less wiring and stainless steel mounting clips simplify installation, saving time and effort for professionals. Engineered to withstand harsh farm conditions, MEGAMAN® HAGON XChange® FARM is the perfect solution for lighting specialists seeking a robust, efficient, and easy-to-install lighting system for agricultural applications.

Features

- Specialized design for agriculture, HAGON XChange® FARM engineered to withstand hostile agricultural environments like pigsties and cowsheds
- Exceptional chemical resistance crafted with durable, chemical-resistant housing to perform in ammonia-rich atmospheres
- Rated IP66 for complete ingress protection and IK04 for high impact resistance
- Outstanding lighting performance, delivers efficiency up to 145lm/W
- Long Lifespan 70,000 hours (L80, B10) for reduced maintenance
- Tool-less wiring and stainless steel mounting clips ensure fast, hassle-free setup



Applications

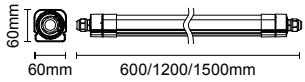
- Livestock husbandry (pigsties, cowsheds and poultry farm)

HAGON XChange® FARM

FOB87100v0-ds FOB87100v1-ds
FOB87200v0-ds FOB87200v1-ds
FOB87300v0-ds FOB87300v1-ds
FOB87300v2-ds FOB87300v3-ds



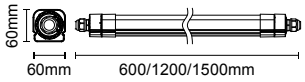
IP66 IK04 λ >0.9 Class II Flicker Free



FOB87100v0-ds/sc FOB87100v1-ds/sc
FOB87200v0-ds/sc FOB87200v1-ds/sc
FOB87300v0-ds/sc FOB87300v1-ds/sc
FOB87300v2-ds/sc FOB87300v3-ds/sc



IP66 IK04 λ >0.9 Class II Flicker Free



220-240V

Grey (SV16)

SINGLE CCT, 120lm/W

Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB87100v0-ds	9/17	1100/2000	122/118	L600 x W60 x H60	4000K	70000	PMMA End Cap and PMMA Diffuser
FOB87200v0-ds	17/33	2000/4000	118/121	L1200 x W60 x H60	4000K	70000	
FOB87300v0-ds	33/50	4000/6000	121/120	L1500 x W60 x H60	4000K	70000	
FOB87300v2-ds	55/68	6600/8200	120/121	L1500 x W60 x H60	4000K	70000	

SINGLE CCT, 145lm/W

Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB87100v1-ds	9/17	1300/2500	144/147	L600 x W60 x H60	4000K	70000	PMMA End Cap and PMMA Diffuser
FOB87200v1-ds	17/33	2500/4800	147/145	L1200 x W60 x H60	4000K	70000	
FOB87300v1-ds	33/50	4800/7300	145/146	L1500 x W60 x H60	4000K	70000	
FOB87300v3-ds	55/68	8000/10000	145/147	L1500 x W60 x H60	4000K	70000	

3 CCT, 120lm/W

Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB87100v0-ds/sc	9/17	1100/2000	122/118	L600 x W60 x H60	3000K/4000K/6500K	70000	PMMA End Cap and PMMA Diffuser
FOB87200v0-ds/sc	17/33	2000/4000	118/121	L1200 x W60 x H60	3000K/4000K/6500K	70000	
FOB87300v0-ds/sc	33/50	4000/6000	121/120	L1500 x W60 x H60	3000K/4000K/6500K	70000	
FOB87300v2-ds/sc	55/68	6600/8200	120/121	L1500 x W60 x H60	3000K/4000K/6500K	70000	

3 CCT, 145lm/W

Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB87100v1-ds/sc	9/17	1300/2500	144/147	L600 x W60 x H60	3000K/4000K/6500K	70000	PMMA End Cap and PMMA Diffuser
FOB87200v1-ds/sc	17/33	2500/4800	147/145	L1200 x W60 x H60	3000K/4000K/6500K	70000	
FOB87300v1-ds/sc	33/50	4800/7300	145/146	L1500 x W60 x H60	3000K/4000K/6500K	70000	
FOB87300v3-ds/sc	55/68	8000/10000	145/147	L1500 x W60 x H60	3000K/4000K/6500K	70000	

HAGON XChange® FARM

Chemical Resistance

Chemical Agents	Polycarbonate	PMMA	Strainless Steel
Acetic acid 10%	+	+	+
Acetone	-	-	+
Alcoholic beverages	+	o	+
Aluminium sulphate	+	+	o
Ammonia 5%	-	+	+
Aniline	-	-	+
Arsenic acid 20%	+	+	+
Benzene	-	-	o
Bencylic alcohol	-	-	o
Bromine	-	-	-
Calcium Chloride	+	+	o
Calcium nitrate	+	+	o
Carbon tetrachloride	-	-	o
Carbonic acid	-	-	+
Caustic potash 5%	-	+	o
Cement	+	+	o
Hydrochloric acid 1-5%	+	+	-
Chlorine liquids (vapours)	-	-	o
Chloroform	-	-	+
Chromic acid	o	o	o
Citric acid 20%	+	+	o
Copper sulphate	+	+	o
Diesel-naphta oil	o	+	+
Ethyl alcohol 30%	+	o	+
Ethyl chloride	-	-	+
Ethyl ether	-	-	o
food oils and fats	-	+	+
formic acid 10%	+	+	o
Glycerine	+	+	+

Chemical Agents	Polycarbonate	PMMA	Strainless Steel
Hexane	+	+	+
Iodine	-	+	-
Iron chloride	+	+	-
Isopropylic alcohol	o	o	o
Lubricating oil	+	+	+
Magnesium sulphate	+	+	+
Methanol	-	o	+
Mineral oils	+	+	+
Nitric acid 20%	o	+	+
Oxygen	+	+	+
Ozone	+	+	o
Perchloric acid 10%	+	+	-
Petrol	-	+	+
Phenol	-	-	o
Pothassium bromide	+	+	o
Pothassium nitrate	+	+	o
Pothassium permanganate	+	+	o
Sea climate	+	+	o
Silicon oils	+	o	+
Soda bleach 15%	-	+	o
Sodium chloride	+	+	o
Sodium hydroxide 5%	-	+	o
Sodium sulphate	+	+	o
Sugar	+	+	+
Sulphur	+	+	o
Sulphuric acid 30%	+	+	-
Toluene	-	-	+
Trichloroethylene	-	-	o
Zinc sulphate	+	+	o

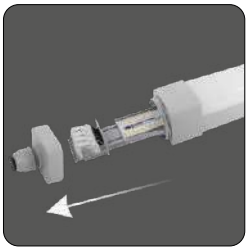
+	Resistant
o	Relatively resistant
-	Non-resistant

HAGON XChange® dimLINK®



MEGAMAN® HAGON XChange® dimLINK® redefines the eco-friendliness which enable both the light source and control gear are replaceable to achieve the sustainability.







dimLINK®

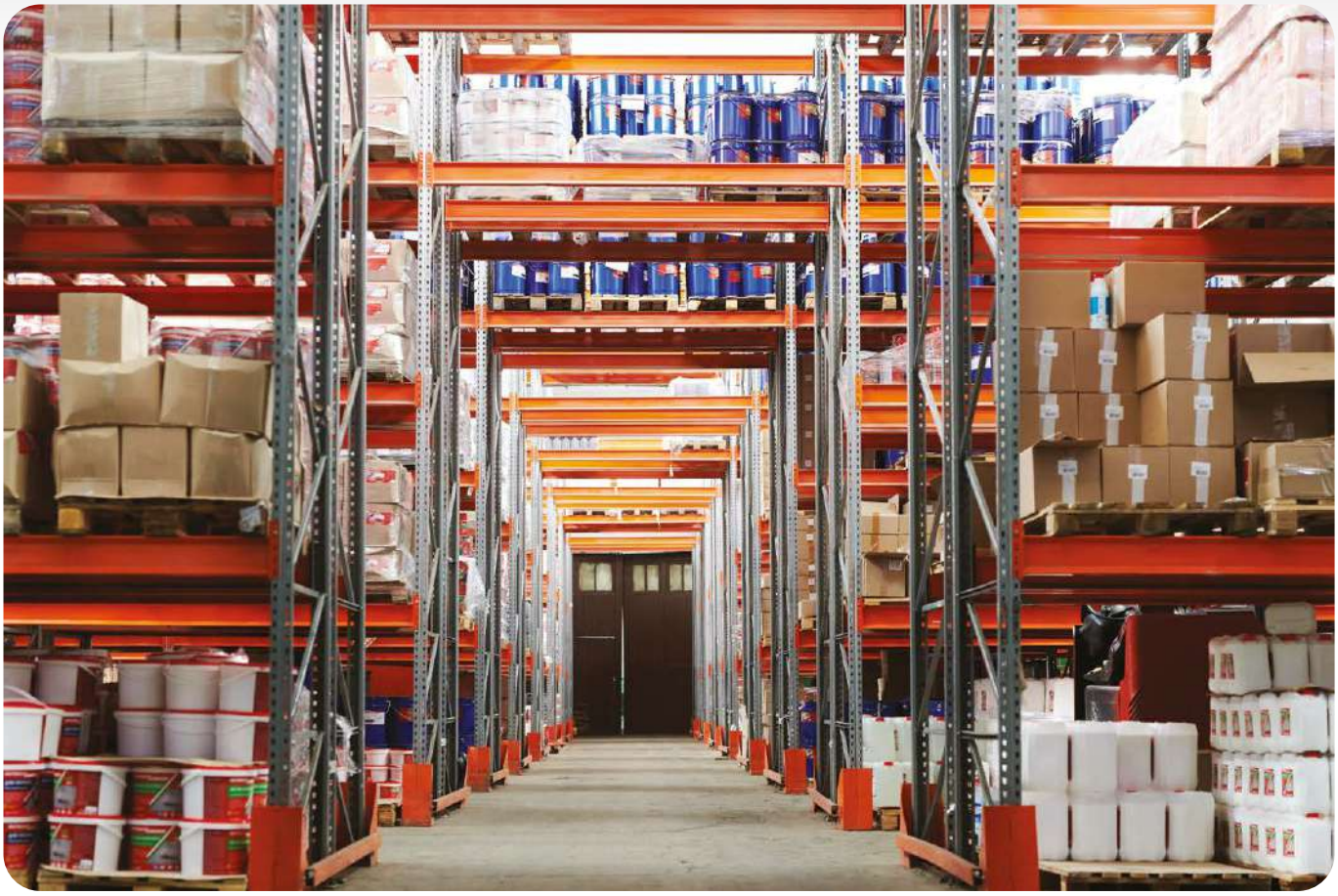
Mircowave Motion Sensor



LA10257

Standby-dim options
10% or 30% lux can be set before installation
Detection area
10%/50%/75%/100%
Hold time
10 sec./1 min./5 min./15 min.

HAGON XChange® dimLINK®



MEGAMAN® HAGON XChange® dimLINK®

Waterproof LED Batten

The MEGAMAN® HAGON XChange® dimLINK® waterproof LED batten combines eco-friendliness, durability, and energy efficiency. MEGAMAN® HAGON XChange® dimLINK® with replaceable light source and control gear. Equipped with MEGAMAN® dimLINK® technology - a simple and cost-effective solution for step dimming control of lighting modules or luminaires, synchronized through the linkage of the live (L) and neutral (N) cables.

Features

- Integrated dimLINK® feature automatically reduces power during inactivity, boosting energy savings
- Compatible with attachable dimLINK® Microwave Motion Sensor (LA10257) achieve primary and secondary function
- Connect the dimLINK luminaire to the Central Batter System circuit, the luminaire will dim down during emergency mode (180-260V DC)
- Selectable lumen output for all models plus colour temperature switchable version available
- Energy saving with efficacy up to 145lm/W
- Tool-less installation (loop-in/ loop-out with push-in terminal)
- IP66 and IK08 rated
- Flicker free
- Theft proof mounting accessory is available



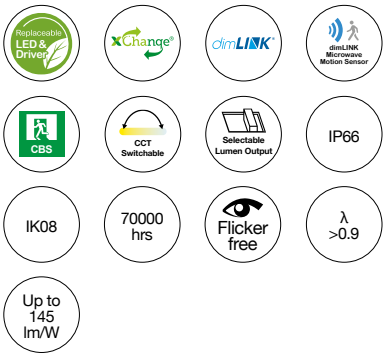
HAGON XChange® end cap connector plus Length 230mm 4*1.5mm² PVC Stranded Wire

LA10380



HAGON XChange® end cap connector

LA10381



Applications

- Car Park
- Warehouse
- Workshops
- Underground areas

Accessory



LA11155+LA11249
PIR Sensor Module



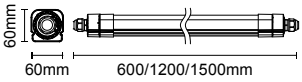
LA11156+LA11249
3H Emergency Kit

HAGON XChange® dimLINK®

FOB83500v0-dl/ds FOB83500v1-dl/ds
FOB83600v0-dl/ds FOB83600v1-dl/ds
FOB83700v0-dl/ds FOB83700v1-dl/ds
FOB83700v2-dl/ds FOB83700v3-dl/ds



IP66 IK08 λ >0.9 Class II Flicker Free



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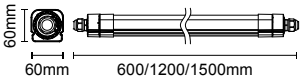
FOB83600v0-dl/ds/sc FOB83600v1-dl/ds/sc
FOB83700v0-dl/ds/sc FOB83700v1-dl/ds/sc
FOB83700v2-dl/ds/sc FOB83700v3-dl/ds/sc



IP66 IK08 λ >0.9 Class II Flicker Free



220-240V

Grey (SV16)

SINGLE CCT, 120lm/W

Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v0-dl/ds	9/17	1100/2000	122/118	L600 x W60 x H60	4000K	70000	Polycarbonate
FOB83600v0-dl/ds	17/33	2300/4000	135/121	L1200 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v0-dl/ds	33/50	4000/6000	121/120	L1500 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v2-dl/ds	55/68	6600/8200	120/121	L1500 x W60 x H60	4000K	70000	Polycarbonate

SINGLE CCT, 145lm/W

Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v1-dl/ds	9/17	1300/2500	144/147	L600 x W60 x H60	4000K	70000	Polycarbonate
FOB83600v1-dl/ds	17/33	2500/4800	147/145	L1200 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v1-dl/ds	33/50	4800/7300	145/146	L1500 x W60 x H60	4000K	70000	Polycarbonate
FOB83700v3-dl/ds	55/68	8000/10000	145/147	L1500 x W60 x H60	4000K	70000	Polycarbonate

3 CCT, 120lm/W

Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v0-dl/ds/sc	9/17	1100/2000	122/118	L600 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83600v0-dl/ds/sc	17/33	2300/4000	135/121	L1200 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83700v0-dl/ds/sc	33/50	4000/6000	121/120	L1500 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83700v2-dl/ds/sc	55/68	6600/8200	120/121	L1500 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate

3 CCT, 145lm/W

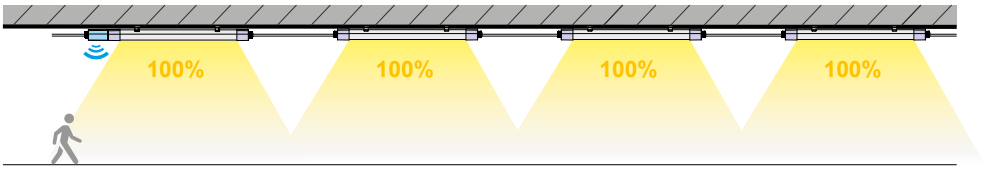
Model No.	Wattage (W) (Selectable)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v1-dl/ds/sc	9/17	1300/2500	144/147	L600 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83600v1-dl/ds/sc	17/33	2500/4800	147/145	L1200 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83700v1-dl/ds/sc	33/50	4800/7300	145/146	L1500 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83700v3-dl/ds/sc	55/68	8000/10000	145/147	L1500 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate

HAGON XChange® dimLINK®

Standby-dim Application

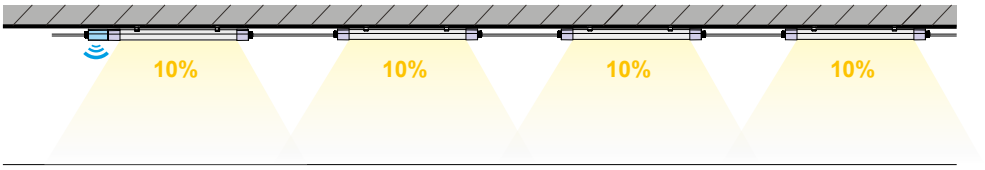
Standby-dim function
When the dimLINK® sensor is applied with the "dimLINK®" luminaire, the entire circuit will achieve the standby dimming function.

Motion detected
100% brightness



100%
0% / 10% / 30%
STAND-BY

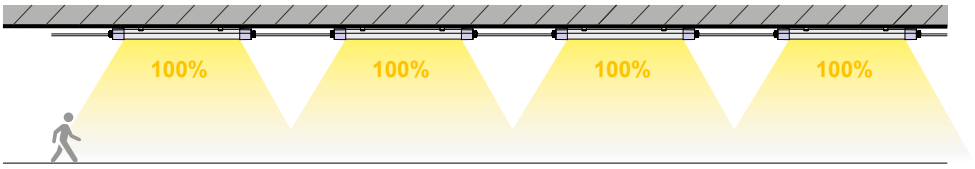
Standby mode
0% / 10% / 30% brightness



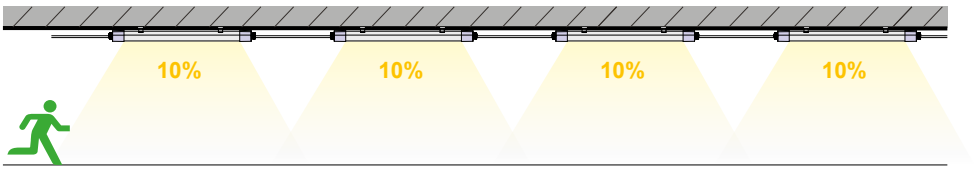
Central Battery System (CBS) Application

CBS Emergency
When connected the dimLINK® luminaires to the CBS circuit, the luminaires will dim down during emergency mode (180-260V DC).

CBS
AC220~240V
Normal Situation



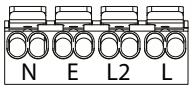
CBS
DC180~260V
Emergency Situation
10% Brightness



Learn more about dimLINK® technology by referring to pages 6 - 13.

HAGON XChange® dimLINK®

Permanent Live Option

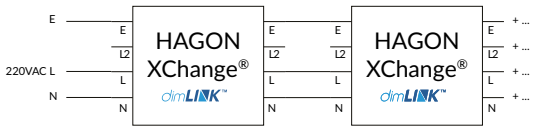


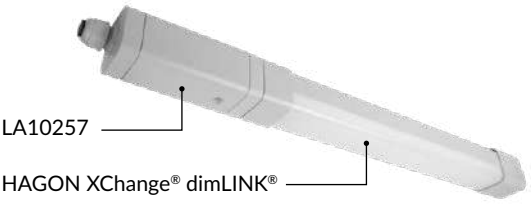
L : Permanent Live
L2 : Switched Live

4-wire connection, allows unswitched live supply to the luminaire or appliances (i.e. CCTV, security alarm system, smoke detector, etc.) when the switch is off

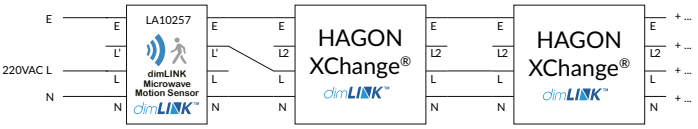
dimLINK Microwave Motion Sensor

HAGON XChange® loop-in / loop-out

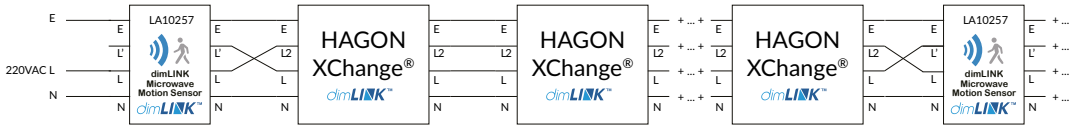




HAGON XChange® with Microwave Motion Sensor, Primary - Secondary



HAGON XChange® with Microwave Motion Sensor, Primary - Secondary - Primary



CBS

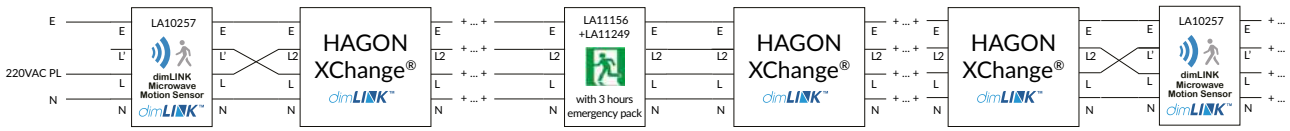


LA11156
3H Emergency Kit

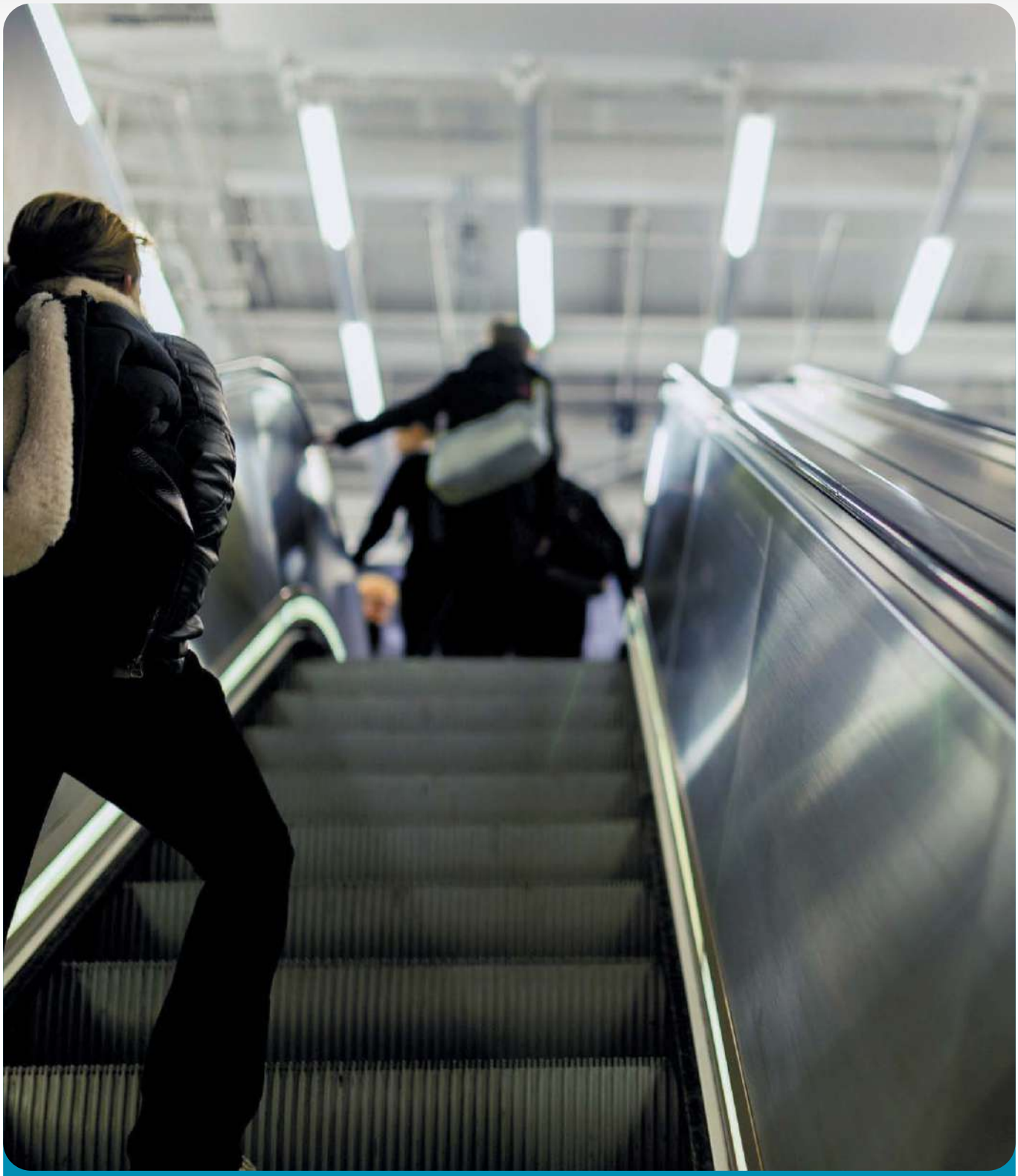
HAGON XChange® with Emergency module



HAGON XChange® with Emergency module & Microwave Motion Sensor Permanent live connection only



HAGON XChange® dimLINK®



ROCCA 2

NEW



Replaceable LED & Driver

100%
0% / 20%
STAND-BY

MEGAMAN® ROCCA 2

Traditional Waterproof LED Batten

Selectable Lumen Output | CCT Switchable | Microwave Motion Sensor | 3h | IP65 | IK08 | Flicker Free | 50000 hrs

ROCCA 2



MEGAMAN® ROCCA 2

Traditional Waterproof LED Batten

MEGAMAN® ROCCA 2 is basic solution for general lighting that provide quality of light, substantial energy and maintenance saving. It is an ideal replacement for traditional waterproof batten with fluorescent lamps, with additional optional features of built in microwave sensor and 3 hours emergency kit to provide functional flexibility with a consistent outlook.

Features

- Muti Lumen output (4-Step)
- 3-CCT Switchable (3000/4000/6000K)
- 5-direction knockout
- M20 cable gland included as accessories
- Modular MS & EM interchangeable with GARRON 2
- BESA box compatible
- Detachable push-in terminal, tool-less wiring for quick installation.
- Slidable stainless-steel mounting brackets
- Stainless-steel clips can hold at 90 deg for easy attaching the diffuser
- Housing material upgraded to PC, more durable
- Lifetime upgraded to 50000 hours L80B50
- IP65 IK08







Applications

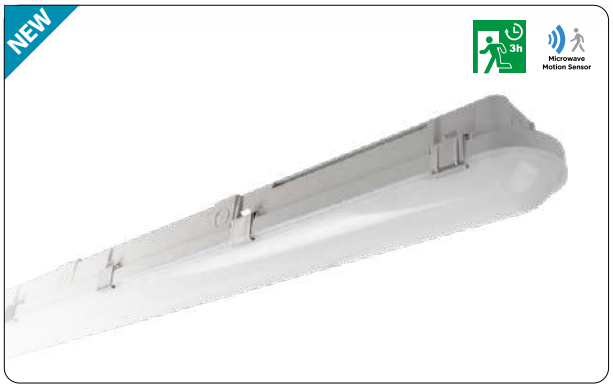
- Car parks
- Warehouses
- Stairwells
- Corridors
- Patios

MEGAMAN®

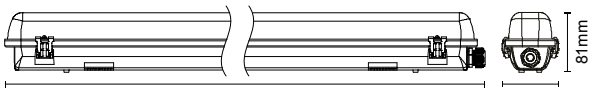
Indoor Lighting / Waterproof Batten

ROCCA 2

FOB82000v0-ds/sc
FOB82100v0-ds/sc
FOB82200v0-ds/sc
FOB82300v0-ds/sc



110° IP65 IK08 Flicker Free



220-240V

Silver (SV12)

STANDARD VERSION

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FOB82000v0-ds/sc	29/25/21/17	3480/3000/2520/2040 (3000K) 4060/3500/2940/2380 (4000K) 3625/3125/2625/2125 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L580 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser
FOB82100v0-ds/sc	34/30/25/20	4080/3600/3000/2400 (3000K) 4760/4200/3500/2800 (4000K) 4250/3750/3125/2500 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L1180 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser
FOB82200v0-ds/sc	48/41/35/29	5760/4920/4200/3480 (3000K) 6720/5740/4900/4060 (4000K) 6000/5125/4375/3625 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L1480 x W95 x H81	50000	Anti-UV Plastic Housing + Pc Diffuser
FOB82300v0-ds/sc	70/57/46/34	8400/6840/5520/4080 (3000K) 9800/7980/6440/4760 (4000K) 8750/7125/5750/4250 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L1780 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser

Accessory





LA10229
Microwave Motion Sensor



LA10244
Emergency Kit Module (Self-test and Non self-test selectable) for GARRON 2 and ROCCA 2

ROCCA 2 Standby dim

FOB82000v0-dp/ds/sc
FOB82000v0-dp/ds/sc+LA10364
FOB82100v0-dp/ds/sc
FOB82100v0-dp/ds/sc+LA10364
FOB82200v0-dp/ds/sc
FOB82200v0-dp/ds/sc+LA10364
FOB82300v0-dp/ds/sc
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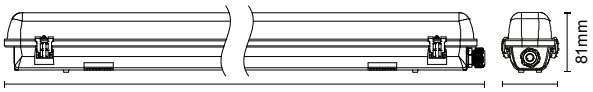
110° IP65 IK08 Flicker Free



220-240V

Silver (SV12)

STANDBY DIM VERSION

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FOB82000v0-dp/ds/sc	29/25/21/17	3480/3000/2520/2040 (3000K) 4060/3500/2940/2380 (4000K) 3625/3125/2625/2125 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L580 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser
FOB82000v0-dp/ds/sc+LA10364	29/25/21/17	3480/3000/2520/2040 (3000K) 4060/3500/2940/2380 (4000K) 3625/3125/2625/2125 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L580 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser
FOB82100v0-dp/ds/sc	34/30/25/20	4080/3600/3000/2400 (3000K) 4760/4200/3500/2800 (4000K) 4250/3750/3125/2500 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L1180 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser
FOB82100v0-dp/ds/sc+LA10364	34/30/25/20	4080/3600/3000/2400 (3000K) 4760/4200/3500/2800 (4000K) 4250/3750/3125/2500 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L1180 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser
FOB82200v0-dp/ds/sc	48/41/35/29	5760/4920/4200/3480 (3000K) 6720/5740/4900/4060 (4000K) 6000/5125/4375/3625 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L1480 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser
FOB82200v0-dp/ds/sc+LA10364	48/41/35/29	5760/4920/4200/3480 (3000K) 6720/5740/4900/4060 (4000K) 6000/5125/4375/3625 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L1480 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser
FOB82300v0-dp/ds/sc	70/57/46/34	8400/6840/5520/4080 (3000K) 9800/7980/6440/4760 (4000K) 8750/7125/5750/4250 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L1780 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser
FOB82300v0-dp/ds/sc+LA10364	70/57/46/34	8400/6840/5520/4080 (3000K) 9800/7980/6440/4760 (4000K) 8750/7125/5750/4250 (6000K)	120 (3000K) 140 (4000K) 125 (6000K)	3000K/4000K/6000K	L1780 x W95 x H81	50000	Anti-UV Plastic Housing + PC Diffuser



LA10364
Standby dimming Microwave Sensor for ROCCA 2 and LYRA



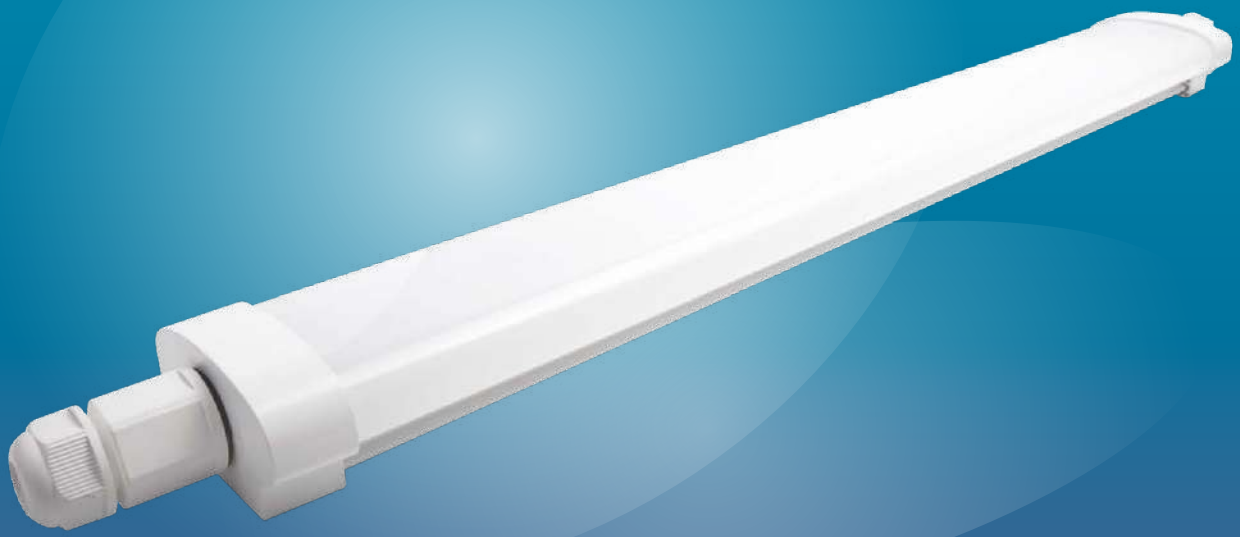
LA10367
Emergency Module for ROCCA 2 / GARRON 2 Standby dim



LA10368
Emergency Module (High Output) for ROCCA 2 / GARRON 2 Standby dim

NARDOS 2

NEW



MEGAMAN® NARDOS 2

Integrated Damp Proof Batten

Flicker free | IP65 | IK06 | 35000 hrs

NARDOS 2



MEGAMAN® NARDOS 2

Integrated Damp Proof Batten

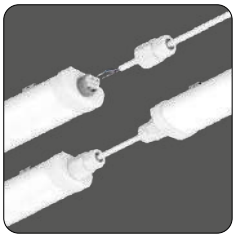
Flicker free | IP65 | IK06 | 35000 hrs

MEGAMAN® NARDOS 2 is a cost-effective and reliable LED batten minimizing the initial investment without compromising flexibility. It is available in three lengths and two versions (loop through and non-loop through). MEGAMAN® NARDOS 2 is an ideal luminaire range for applications such as car parks and warehouses, while delivering a significant lighting performance.

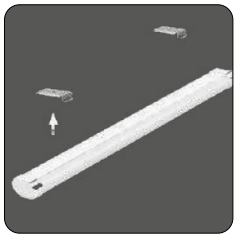
Features
- Designed with a tough polycarbonate body with IK06 rating for vandal resistance
- Flicker free
- High power factor >0.9
- Cable entries and through wiring allow for linear series connection

Applications
- Car parks
- Garages
- Under canopy
- Subways
- Workshops
- Warehouses and similar applications

Toolless wiring and easy installation



Easy installation mounting clips



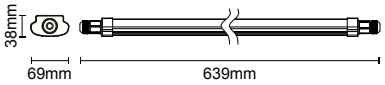
Integrated LED luminaire

NARDOS 2

FOB81200v0



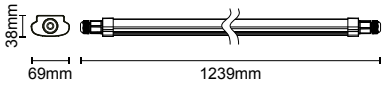
IP65 IK06 λ >0.9 Class II



FOB81300v0



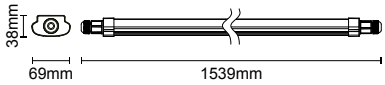
IP65 IK06 λ >0.9 Class II



FOB81400v0



IP65 IK06 λ >0.9 Class II



220-240V

Grey (SV16)

Loop Through Version

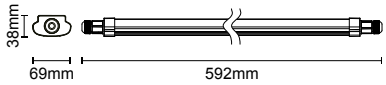
Model No.	Wattage (W)	Luminous Flux (lm)	Lm/W	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FOB81200v0	18	2000	110	4000K	W69 x H38 x L639	35000	Polycarbonate
FOB81300v0	36	4000	110	4000K	W69 x H38 x L1239	35000	Polycarbonate
FOB81400v0	46	5000	110	4000K	W69 x H38 x L1539	35000	Polycarbonate

NARDOS 2

FOB83200v0



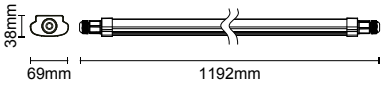
IP65 | IK06 | λ >0.9 | Class II



FOB83300v0



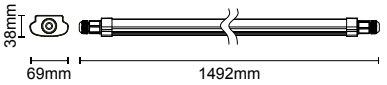
IP65 | IK06 | λ >0.9 | Class II



FOB83400v0



IP65 | IK06 | λ >0.9 | Class II



220-240V

Grey (SV16)

Non-Loop Through Version

Model No.	Wattage (W)	Luminous Flux (lm)	Lm/W	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FOB83200v0	18	2000	110	4000K	W69 x H38 x L592	35000	Polycarbonate
FOB83300v0	36	4000	110	4000K	W69 x H38 x L1192	35000	Polycarbonate
FOB83400v0	46	5000	110	4000K	W69 x H38 x L1492	35000	Polycarbonate

Integrated LED luminaire

ROCCA T8

NEW



MEGAMAN® ROCCA T8

Traditional Waterproof LED Batten

IP65 | IK08 | Flicker Free | 40000 hrs





ROCCA T8



MEGAMAN® ROCCA T8

Traditional Waterproof LED Batten

MEGAMAN® ROCCA T8 is basic solution for general lighting that provide quality of light, substantial energy and maintenance saving. It is an ideal replacement for traditional waterproof batten with fluorescent lamps, with replaceable LED T8 tube.

Features

- Replacement for traditional waterproof batten
- LED T8 tube replaceable
- Durable water and vandal resistant construction with IP65 and IK08
- 3 different lengths 600mm, 1200mm and 1500mm
- Easy installation and Tool-less wiring
- Loopthrough and Non-loopthrough version avaliable

IP65 | IK08 | Flicker Free | 40000 hrs

Applications

- Car parks
- Warehouses
- Stairwells
- Corridors
- Patios

Single Tube Accessory



Twice Tubes Accessory



ROCCA T8

FOB84450v0 FOB84750v0
FOB84550v0 FOB84850v0
FOB84650v0 FOB84950v0



110° IP65 IK08 Flicker Free



FOB85050v0 FOB85350v0
FOB85150v0 FOB85450v0
FOB85250v0 FOB85550v0



110° IP65 IK08 Flicker Free



220-240V

Silver (SV12)

Model No.	Wattage (W)	Dimension (mm)	Materials
Non-Loop Through			
FOB84450v0	1 x 9W	L663 x W70 x H76	PC Body + PC Diffuser
FOB84550v0	2 x 9W	L663 x W100 x H76	PC Body + PC Diffuser
FOB84650v0	1 x 18W	L1263 x W70 x H76	PC Body + PC Diffuser
FOB84750v0	2 x 18W	L1263 x W100 x H76	PC Body + PC Diffuser
FOB84850v0	1 x 24W	L1563 x W70 x H76	PC Body + PC Diffuser
FOB84950v0	2 x 24W	L1563 x W100 x H76	PC Body + PC Diffuser
Loop Through			
FOB85050v0	1 x 9W	L663 x W70 x H76	PC Body + PC Diffuser
FOB85150v0	2 x 9W	L663 x W100 x H76	PC Body + PC Diffuser
FOB85250v0	1 x 18W	L1263 x W70 x H76	PC Body + PC Diffuser
FOB85350v0	2 x 18W	L1263 x W100 x H76	PC Body + PC Diffuser
FOB85450v0	1 x 24W	L1563 x W70 x H76	PC Body + PC Diffuser
FOB85550v0	2 x 24W	L1563 x W100 x H76	PC Body + PC Diffuser

** T8 LED tube is NOT included

ROCCA T8

FOB85650v0 FOB85950v0
FOB85750v0 FOB86050v0
FOB85850v0 FOB86150v0



110° IP65 IK08 Flicker Free



FOB86250v0 FOB86550v0
FOB86350v0 FOB86650v0
FOB86450v0 FOB86750v0



110° IP65 IK08 Flicker Free



220-240V

Silver (SV12)

Model No.	Wattage (W)	Dimension (mm)	Materials
Non-Loop Through			
FOB85650v0	1 x 9W	L663 x W70 x H76	ABS Body + PC Diffuser
FOB85750v0	2 x 9W	L663 x W100 x H76	ABS Body + PC Diffuser
FOB85850v0	1 x 18W	L1263 x W70 x H76	ABS Body + PC Diffuser
FOB85950v0	2 x 18W	L1263 x W100 x H76	ABS Body + PC Diffuser
FOB86050v0	1 x 24W	L1563 x W70 x H76	ABS Body + PC Diffuser
FOB86150v0	2 x 24W	L1563 x W100 x H76	ABS Body + PC Diffuser
Loop Through			
FOB86250v0	1 x 9W	L663 x W70 x H76	ABS Body + PC Diffuser
FOB86350v0	2 x 9W	L663 x W100 x H76	ABS Body + PC Diffuser
FOB86450v0	1 x 18W	L1263 x W70 x H76	ABS Body + PC Diffuser
FOB86550v0	2 x 18W	L1263 x W100 x H76	ABS Body + PC Diffuser
FOB86650v0	1 x 24W	L1563 x W70 x H76	ABS Body + PC Diffuser
FOB86750v0	2 x 24W	L1563 x W100 x H76	ABS Body + PC Diffuser

** T8 LED tube is NOT included

TEMPUS



MEGAMAN® TEMPUS
Emergency Lighting








Integrated LED luminaire

TEMPUS



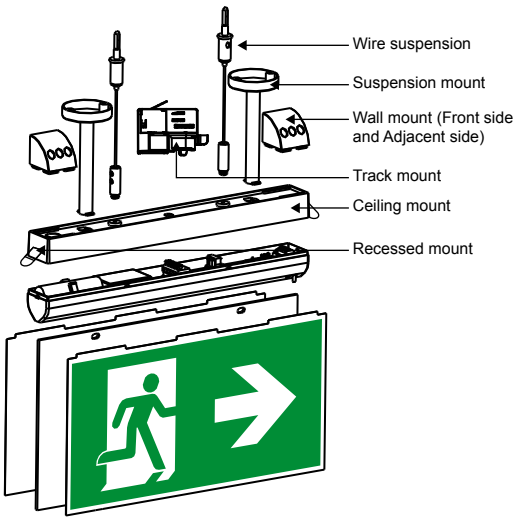
MEGAMAN® TEMPUS

Emergency Lighting

The purpose of emergency lighting is to provide light in the event of a mains or local power supply failure, therefore having a proper emergency lighting in place is a major concern for the builders. MEGAMAN® TEMPUS has a wide range of products to cater different applications.

Features

- ALL-IN-ONE mounting solution – 7 mounting methods
  Ceiling / Wall (Front side and Adjacent side) / Wire suspension / Suspension / Recessed / Track
- Plug & play Self-test module
- Maintain / Non-maintained version
- AC220-240V input
- 1W emergency power
- LED status indicator
- Interchangeable pictogram (4 directions)
- Visual distance: 30M (EU)
- Advance LiFePO4 battery
- 3 hrs duration
- 850°C Glow wire test
- Housing- Polycarbonate
- Crystal clear PMMA Diffuser



Integrated LED luminaire

MEGAMAN®

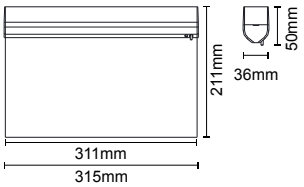
Emergency Lighting / All in one

TEMPUS

FEL72300v0-em/st



IP20 IK03

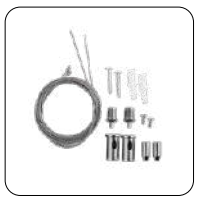


220-240V

White (WH12)

Model No.	Description	Power (W)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL72300v0-em/st	Emergency LED Exit sign (Basic)	1	6500K	3.2V 1500mAh $LiFePO_4$	3	Polycarbonate

Mounting Accessories



LA8149
Wire suspension accessory



LA8150
Recessed mount accessory



LA8151
Track mount accessory



LA8152
Surface mount accessory

Default Accessory



Celling mount accessory



LA10407
Pictogram Film
LEFT arrow



LA10408
Pictogram Film
RIGHT arrow



LA10409
Pictogram Film
UP arrow



LA10410
Pictogram Film
DOWN arrow



LA11343
Battery

Integrated LED luminaire

LA11206



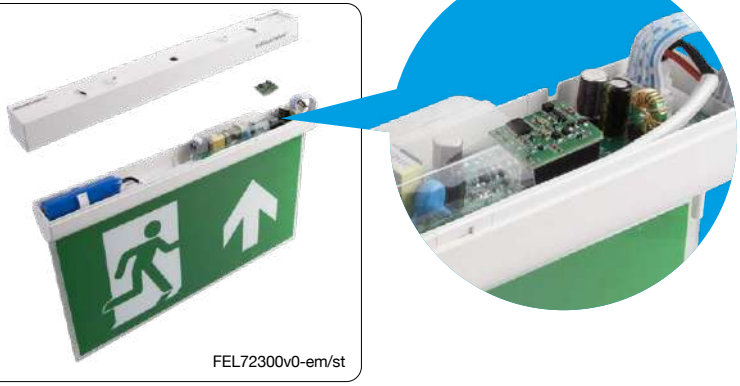
Self-test module

Plug & play Self-test module:

Simply slot-in Self-test module (LA11206) to change the basic manual test version (FEL72300v0-em) to Self-test version (FEL72300v0-em/st)
Easy for inventory management and stock planning.



FEL72300v0-em



FEL72300v0-em/st

TEMPUS



MEGAMAN® TEMPUS

Emergency Lighting

The purpose of emergency lighting is to provide light in the event of a mains or local power supply failure, therefore having a proper emergency lighting in place is a major concern for the builders. MEGAMAN® TEMPUS has a wide range of products to cater different applications.

Features
- 3 hours duration
- Self-test version available
- IP 65 dust & waterproof against challenging environment
- Multi-purpose application
- All direction legend combinations included
- Light in weight, easy installation
- Durable polycarbonate housing, corrosion resistant
- Maintained / non-maintained operation mode
- LED indicator

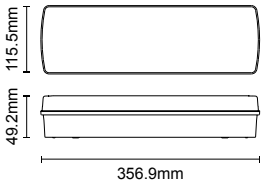
Applications
- Gardens
- Driveways
- Small lanes

TEMPUS

FEL71800v0-em
FEL71800v0-em/st



120° IP65 IK03



220-240V

White (WH12)

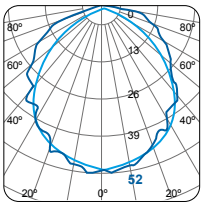
Model No.	Power (W)	Luminous Flux (lm)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL71800v0-em	4.5	150	6500K	3.2V 1500mAh $LiFePO_4$	3	Polycarbonate
FEL71800v0-em/st **Self-Test function**	4.5	150	6500K	3.2V 1500mAh $LiFePO_4$	3	Polycarbonate

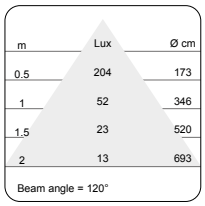
Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11252	$LiFePO_4$	3.2	1500

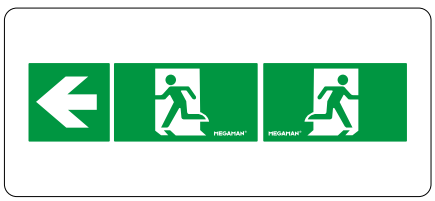


LA11252
Battery

FEL71800v0-em
FEL71800v0-em/st







FEL71800v0-em / FEL71800v0-em/st
Pictogram stickers included

Integrated LED luminaire

TEMPUS



MEGAMAN® TEMPUS

Emergency Lighting












Integrated LED luminaire

TEMPUS



MEGAMAN® TEMPUS

Emergency Lighting

The purpose of emergency lighting is to provide light in the event of a mains or local power supply failure, therefore having a proper emergency lighting in place is a major concern for the builders. MEGAMAN® TEMPUS has a wide range of products to cater different applications.

Features

- Slim Bulkhead
- Exit box
- Exit Sign
- Recessed Downlight
- Surface Mounted Downlight
- Twinspot
- Emergency Module

Integrated LED luminaire

MEGAMAN®

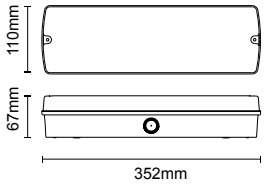
Emergency Lighting / Slim Bulkhead

TEMPUS

FEL70500v0-em
FEL70500v0-em/st



120° IP65 IK03



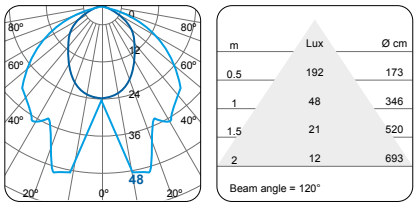
220-240V

White (WH12)

Model No.	Power (W)	Luminous Flux (lm)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL70500v0-em	4	140	6500K	3.6V 1000mAh Ni-MH	3	Polycarbonate
FEL70500v0-em/st Self-Test function	4	140	6500K	3.6V 1000mAh Ni-MH	3	Polycarbonate

Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11171	Ni-MH	3.6	1000

FEL70500v0-em
FEL70500v0-em/st



Features

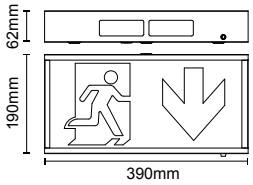
- 3 hours emergency duration
- Maintained / non-maintained operation mode
- IP65 protection from water and dust
- Multi- purpose application
- All direction exit sign stickers included
- Light in weight, easy installation
- Durable polycarbonate housing, corrosion resistant
- Integral status indicator

TEMPUS

FEL70600v0-em
FEL70600v0-em/st



120° IP20 IK03



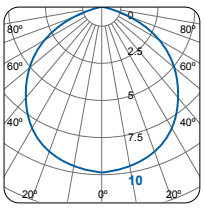
220-240V

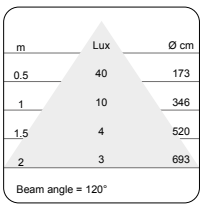
White (WH12)

Model No.	Power (W)	Luminous Flux (lm)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL70600v0-em	5	35	6500K	3.6V 1800mAh Ni-Cd	3	Steel
FEL70600v0-em/st Self-Test function	5	35	6500K	3.6V 1800mAh Ni-Cd	3	Steel

Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11172	Ni-Cd	3.6	1800

FEL70600v0-em
FEL70600v0-em/st





Features

- 3 hours emergency duration
- Maintained/ Non-maintained operation mode
- Durable steel housing with anti-corrosion powder coating
- Easy exit pictogram mounting
- Integrated downlighter
- Integral status indicator
- Test button

Accessory



LA8089
Direction PVC film,
Arrow left



LA8090
Direction PVC film,
Arrow right



LA8091
Direction PVC film,
Arrow upward

Integrated LED luminaire

MEGAMAN®

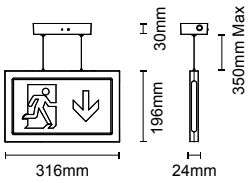
Emergency Lighting / Exit Sign

TEMPUS

FEL70700v0-em



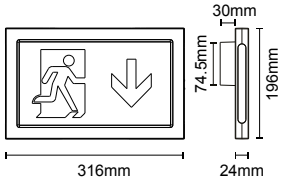
IP20



FEL70800v0-em
FEL70800v0-em/st



IP20



FEL71000v0-em/st



IP20

220-240V

White (WH26)

Installation	Model No.	Power (W)	Luminous Flux (lm)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
Ceiling/Cord suspension	FEL70700v0-em	3.5	35	6500K	3.6V 1000mAh Ni-MH	3	Polycarbonate
Wall Mount	FEL70800v0-em	3.5	35	6500K	3.6V 1000mAh Ni-MH	3	Polycarbonate
Wall Mount	FEL70800v0-em/st Self-Test function	3.5	35	6500K	3.6V 1000mAh Ni-MH	3	Polycarbonate
Surface Mount	FEL71000v0-em/st Self-Test function	3.5	35	6500K	3.6V 1000mAh Ni-MH	3	Polycarbonate

Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11171	Ni-MH	3.6	1000

Features

- 3 hours emergency duration
- Maintained operation mode
- Flexible ceiling and cord suspended mounted in one fittings (FEL70700v0-em)
- Max. 500mm length suspension cord (FEL70700v0-em)
- Easy mounting 2-side pictogram (FEL70700v0-em)
- Wall mounted (FEL70800v0-em, FEL70800v0-em/st)
- Easy mounting 1-side pictogram (FEL70800v0-em, FEL70800v0-em/st)
- Integral status indicator

Accessory



LA8088
Direction PVC film, Arrow left (flip over = Arrow right)



LA8092
Direction PVC film, Arrow up

Integrated LED luminaire

TEMPUS

FEL70900v0-em
FEL70900v0-em/st



IP20

220-240V

White (WH26)

Installation	Model No.	Power (W)	Luminous Flux (lm)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
Recessed	FEL70900v0-em	3.5	35	6500K	3.6V 1000mAh Ni-MH	3	Aluminium
Recessed	FEL70900v0-em/st Self-Test function	3.5	35	6500K	3.6V 1000mAh Ni-MH	3	Aluminium

Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11191	Ni-MH	3.6	1000

Features

- 3 hours emergency duration
- Maintained operation mode
- Flexible ceiling and cord suspended mounted in one fittings (FEL70700v0-em)
- Max. 500mm length suspension cord (FEL70700v0-em)
- Easy mounting 2-side pictogram (FEL70700v0-em)
- Wall mounted (FEL70800v0-em, FEL70800v0-em/st)
- Easy mounting 1-side pictogram (FEL70800v0-em, FEL70800v0-em/st)
- Integral status indicator

Accessory



LA8088
Direction PVC film, Arrow left (flip over = Arrow right)



LA8092
Direction PVC film, Arrow up

Integrated LED luminaire

MEGAMAN®

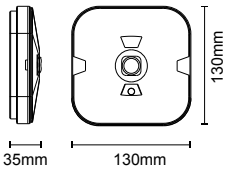
Emergency Lighting / Surface Mounted Downlight

TEMPUS

FEL70300v0-em
FEL70300v0-em/st



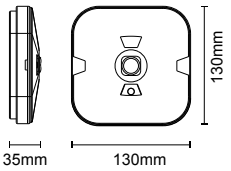
IP54



FEL70400v0-em
FEL70400v0-em/st



IP54



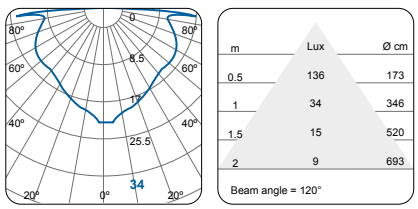
220-240V

White (WH12)

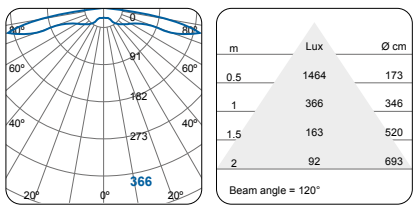
Model No.	Emergency Power (Max. W)	Luminous Flux (lm)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL70300v0-em	3	130	6000K	3.3V 1500mAh LiFePO$_4$	3	Polycarbonate
FEL70300v0-em/st **Self-Test function**	3	130	6000K	3.3V 1500mAh LiFePO$_4$	3	Polycarbonate
FEL70400v0-em	3	130	6000K	3.3V 1500mAh LiFePO$_4$	3	Polycarbonate
FEL70400v0-em/st **Self-Test function**	3	130	6000K	3.3V 1500mAh LiFePO$_4$	3	Polycarbonate

Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11174	LiFePO$_4$	3.2	1500

FEL70300v0-em
FEL70300v0-em/st



FEL70400v0-em
FEL70400v0-em/st



Features

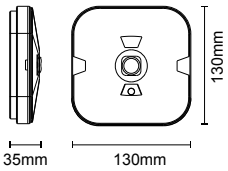
- 3 hours emergency duration
- Non-maintained operation mode
- IP54 Protection
- Compact in size
- Advanced LiFePO$_4$ battery
- Touch testing button
- Open area and corridor optics versions available
- Comply with EN 60598-2-22, UN 38 3 and IES 62133
- Overcharge and over-discharge protection, over-temperature protection, short circuit protection
- Integral status indicator

TEMPUS

FEL71100v0-em+018D
FEL71100v0-em/st+018D



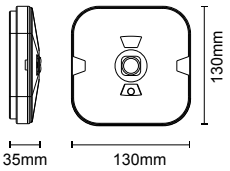
IP54



FEL71100v0-em+045D
FEL71100v0-em/st+045D



IP54



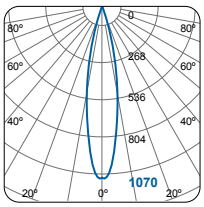
220-240V

White (WH12)

Model No.	Emergency Power (Max. W)	Luminous Flux (lm)	Beam Angle (°)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL71100v0-em+018D	3	200	18	6000K	3.2V 1500mAh $LiFePO_4$	3	Polycarbonate
FEL71100v0-em/st+018D **Self-Test function**	3	200	18	6000K	3.2V 1500mAh $LiFePO_4$	3	Polycarbonate
FEL71100v0-em+045D	3	200	45	6000K	3.2V 1500mAh $LiFePO_4$	3	Polycarbonate
FEL71100v0-em/st+045D **Self-Test function**	3	200	45	6000K	3.2V 1500mAh $LiFePO_4$	3	Polycarbonate

Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11203	$LiFePO_4$	3.2	1500

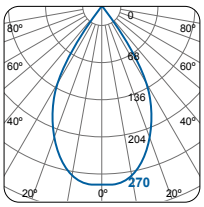
FEL71100v0-em+018D
FEL71100v0-em/st+018D



m	Lux	Ø cm
0.5	4280	16
1	1070	32
1.5	476	48
2	268	63

Beam angle = 18°

FEL71100v0-em+045D
FEL71100v0-em/st+045D



m	Lux	Ø cm
0.5	1080	41
1	270	83
1.5	120	124
2	68	166

Beam angle = 45°

Features

- 3 hours emergency duration
- Non-maintained operation mode
- IP54 Protection
- Compact in size
- Advanced $LiFePO_4$ battery
- Touch testing button
- Highbay optics and Midbay optics available
- Comply with EN 60598-2-22, UN 38 3 and IES 62133
- Overcharge and over-discharge protection, over-temperature protection, short circuit protection
- Integral status indicator

MEGAMAN®

Emergency Lighting / Recessed Downlight

TEMPUS

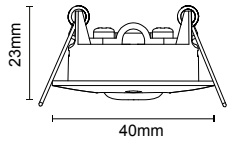
FEL70100v0-em
FEL70100v0-em/st



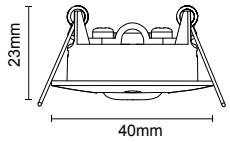
FEL70200v0-em
FEL70200v0-em/st



IP20



IP20



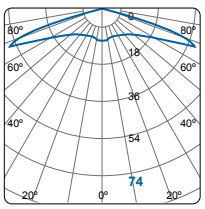
220-240V

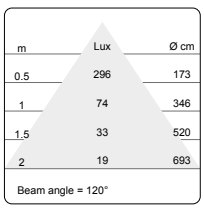
White (WH12)

Model No.	Emergency Power (Max. W)	Luminous Flux (lm)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL70100v0-em	3	120	6000K	3.3V 1500mAh $LiFePO_4$	3	Polycarbonate
FEL70100v0-em/st **Self-Test function**	3	120	6000K	3.3V 1500mAh $LiFePO_4$	3	Polycarbonate
FEL70200v0-em	3	120	6000K	3.3V 1500mAh $LiFePO_4$	3	Polycarbonate
FEL70200v0-em/st **Self-Test function**	3	120	6000K	3.3V 1500mAh $LiFePO_4$	3	Polycarbonate

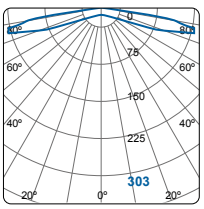
Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11174	$LiFePO_4$	3.2	1500

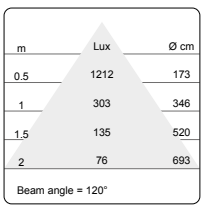
FEL70100v0-em
FEL70100v0-em/st





FEL70200v0-em
FEL70200v0-em/st





Features

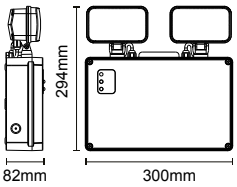
- 3 hours emergency duration
- Non-maintained operation mode
- 850°C glow-wiring test
- Super slim design
- Advanced $LiFePO_4$ battery
- SELV Constant current output
- Comply with EN 60598-2-22, UN 38 3 and IES 62133
- Overcharge and over-discharge protection, over-temperature protection, short circuit protection
- Integral status indicator

TEMPUS

FEL70000v0-em
FEL70000v0-em/st



IP65 | Class II



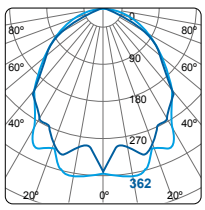
220-240V

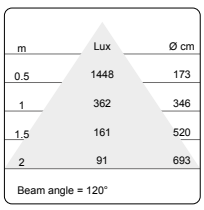
White (WH12)

Model No.	Emergency Power (Max. W)	Luminous Flux (lm)	Colour Temp.	Emergency Duration (hrs)	Materials
FEL70000v0-em	2.3	400	6500K	3	Polycarbonate
FEL70000v0-em/st Self-Test function	2.3	400	6500K	3	Polycarbonate

Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11173	Ni-Cd	12	1500

FEL70000v0-em
FEL70000v0-em/st





Features

- 3 hours emergency duration
- Non-maintained operation mode
- IP65 protection from water and dust
- Light in weight, easy installation
- Rotate and tilt lighting direction
- Polycarbonate diffuser, corrosion resistant
- Integral status indicator

Integrated LED luminaire

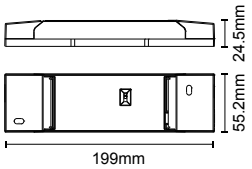
MEGAMAN®

Emergency Lighting / Emergency Module

TEMPUS

LA11175
LA11192





220-240V

White (WH12)

Model No.	Emergency Power (Max. W)	Output Voltage (VDC)	Emergency Duration (hrs)	Materials
LA11175	4	10-90	3	Polycarbonate
LA11192 Self-Test function	4	10-90	3	Polycarbonate

Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11176	$LiFePO_4$	6.4	1500

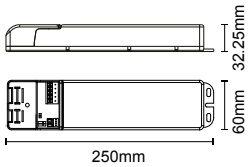
Features

- 3 hours emergency duration
- 850°C Glow-wiring test
- Compact size
- Advanced plug-in $LiFePO_4$ battery
- Included testing button and integral status indicator Flexible for LED module with a forward voltage of 10-90VDC
- Compatible with all dimmable and non-dimmable constant current LED driver
- Over-charge and over discharge protection, over temperature protection and short circuit protection

TEMPUS

LA11199
LA11200





220-240V

White (WH12)

Model No.	Emergency Power (Max. W)	Output Voltage (VDC)	Emergency Duration (hrs)	Materials
LA11199	4	80-230	3	Polycarbonate
LA11200 Self-Test function	4	80-230	3	Polycarbonate

Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11176	$LiFePO_4$	6.4	1500

Features

- 3 hours emergency duration
- 850°C Glow-wiring test
- Compact size
- Advanced plug-in $LiFePO_4$ battery
- Included testing button and integral status indicator Flexible for LED module with a forward voltage of 10-90VDC
- Compatible with all dimmable and non-dimmable constant current LED driver
- Over-charge and over discharge protection, over temperature protection and short circuit protection

HUGO

NEW



Replaceable LED & Driver

Anti-corrosion

MEGAMAN® HUGO

Outdoor Integrated LED Floodlight

Switching CCT | Selectable Lumen Output | IP66 | IK08 | Up to 150 lm/W | 70000 hrs


50W / 22W


90W / 70W


150W / 120W


200W


300W / 400W


500W / 600W

HUGO



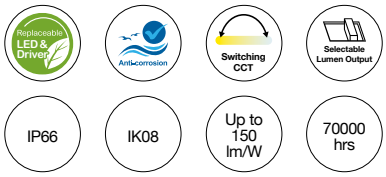
MEGAMAN® HUGO

Outdoor Integrated LED Floodlight

MEGAMAN® HUGO with smart looking aluminium die-cast housing and stainless-steel bracket to have an anti-corrosion function which is perfect for building near sea side applications. MEGAMAN® HUGO is the most versatile and adaptable floodlights suitable for outdoor application from parking lots, recreational sports or industrial lighting to large public areas. Symmetrical / Asymmetrical optics can be used in a wide range of application. MEGAMAN® HUGO floodlight boasts a high efficiency of up to 150lm/W, providing bright and illumination to any outdoor space. With IP66 rated fully waterproof enclosure, it is resistant to dust and water, making it suitable for use in all weather conditions. Furthermore, the MEGAMAN® HUGO floodlight has a long lifespan of up to 70,000 hours, reducing maintenance costs and ensuring reliable performance for years to come.

Features

- Anti-corrosion function thanks to stainless-steel mounting bracket and aluminium die-cast housing
- Switching CCT and selectable lumen output ensure the flexibility and convenience of application
- High luminous efficiency up to 150 lm/W
- Symmetrical / Asymmetrical optics can be used in a wide range of application areas
- Energy savings of up to 90% compared to halogen lamp floodlights
- Energy savings of up to 45% compared to luminaires that use conventional discharge lamps
- High surge protection: up to 6 kV (L/N-PE), 6 kV (L-N)
- Tilt-angle degree marks on 70/90W and 120/150W for accurate tilting adjustment
- Air ventilating gland for air pressure balancing
- IP66 rated fully waterproof enclosure
- IK08 for high impact resistance



Applications

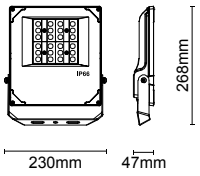
- Buildings near sea side
- Parking lots
- Outdoor sports and stadium
- For recreational sports (tennis courts, basketball courts…)
- Industry
- Public areas

HUGO Anti-corrosion

FFL75700v0-ds/sc
FFL75700v0-ds



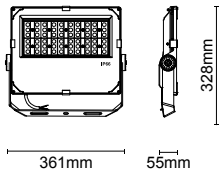
±355° | IP66 | IK08 | λ >0.9 | Class I



FFL75800v0-ds/sc
FFL75800v0-ds



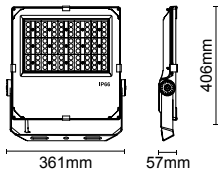
±355° | IP66 | IK08 | λ >0.9 | Class I



FFL75900v0-ds/sc
FFL75900v0-ds



±355° | IP66 | IK08 | λ >0.9 | Class I





Stainless-steel screw and stainless-steel mounting bracket as **anti-corrosion version**

220-240V

Black (BK12)

ANTI-CORROSION VERSION

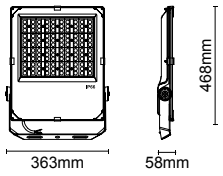
Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B50 at Ta25°C (hrs)	Materials
FFL75700v0-ds/sc	50/22	6000 (50W 3000K) 7300 (50W 4000K) 6500 (50W 5700K) 2750 (22W 3000K) 3300 (22W 4000K) 2860 (22W 5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90	L268 x W230 x H47	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL75700v0-ds	50/22	6000 (50W 3000K) 6800 (50W 4000K) 6800 (50W 5700K) 2860 (22W 3000K) 3080 (22W 4000K) 3080 (22W 5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L268 x W230 x H47	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL75800v0-ds/sc	90/70	12200 (90W 3000K) 13500 (90W 4000K) 13000 (90W 5700K) 9500 (70W 3000K) 10500 (70W 4000K) 10200 (70W 5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L328 x W361 x H55	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL75800v0-ds	90/70	12200 (90W 3000K) 13000 (90W 4000K) 13000 (90W 5700K) 9800 (70W 3000K) 10500 (70W 4000K) 10500 (70W 5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L328 x W361 x H55	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL75900v0-ds/sc	150/120	20500 (150W 3000K) 22500 (150W 4000K) 22000 (150W 5700K) 15700 (120W 3000K) 18000 (120W 4000K) 17500 (120W 5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L406 x W361 x H57	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL75900v0-ds	150/120	20500 (150W 3000K) 22000 (150W 4000K) 22000 (150W 5700K) 15700 (120W 3000K) 18000 (120W 4000K) 18000 (120W 5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L406 x W361 x H57	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket

HUGO Anti-corrosion

FFL76000v0-sc
FFL76000v0



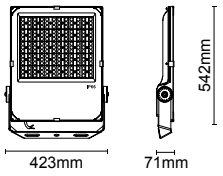
±355° | IP66 | IK08 | λ >0.9 | Class I



FFL76100v0-sc
FFL76100v0
FFL76100v1



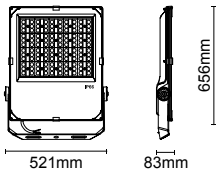
±355° | IP66 | IK08 | λ >0.9 | Class I



FFL76900v0
FFL76900v1



±355° | IP66 | IK08 | λ >0.9 | Class I





Stainless-steel screw and stainless-steel mounting bracket as **anti-corrosion version**

220-240V

Black (BK12)

ANTI-CORROSION VERSION

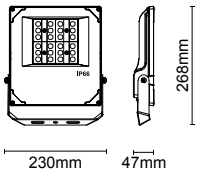
Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B50 at Ta25°C (hrs)	Materials
FFL76000v0-sc	200	27000 (3000K) 30000 (4000K) 28000 (5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L468 x W363 x H58	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL76000v0	200	27000 (3000K) 29000 (4000K) 29000 (5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L468 x W363 x H58	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL76100v0-sc	300	45000 (3000K) 48000 (4000K) 48000 (5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L542 x W423 x H71	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL76100v0	300	45000 (3000K) 48000 (4000K) 48000 (5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L542 x W423 x H71	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL76100v1	400	56000 (3000K) 60000 (4000K) 60000 (5700K)	3000K/4000K/5700K Single CCT	Symmetrical / Asymmetrical	L542 x W423 x H71	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL76900v0	500	73000 (3000K) 78000 (4000K) 78000 (5700K)	3000K/4000K/5700K Single CCT	Symmetrical / Asymmetrical	L656 x W521 x H83	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL76900v1	600	83000 (3000K) 89000 (4000K) 89000 (5700K)	3000K/4000K/5700K Single CCT	Symmetrical / Asymmetrical	L656 x W521 x H83	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket

HUGO

FFL74100v0-ds/sc
FFL74100v0-ds



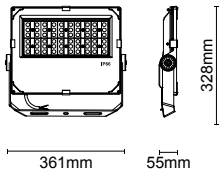
±355° | IP66 | IK08 | λ >0.9 | Class I



FFL74200v0-ds/sc
FFL74200v0-ds



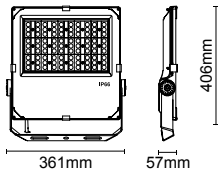
±355° | IP66 | IK08 | λ >0.9 | Class I



FFL74300v0-ds/sc
FFL74300v0-ds



±355° | IP66 | IK08 | λ >0.9 | Class I





Stainless-steel screw and mounting bracket with coating as **standard version**

220-240V

Black (BK12)

STANDARD VERSION

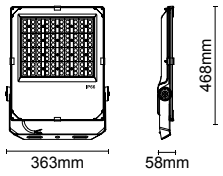
Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B50 at Ta25°C (hrs)	Materials
FFL74100v0-ds/sc	50/22	6000 (50W 3000K) 7300 (50W 4000K) 6500 (50W 5700K) 2750 (22W 3000K) 3300 (22W 4000K) 2860 (22W 5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L268 x W230 x H47	70000	Die-casting Aluminium Housing
FFL74100v0-ds	50/22	6000 (50W 3000K) 6800 (50W 4000K) 6800 (50W 5700K) 2860 (22W 3000K) 3080 (22W 4000K) 3080 (22W 5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L268 x W230 x H47	70000	Die-casting Aluminium Housing
FFL74200v0-ds/sc	90/70	12200 (90W 3000K) 13500 (90W 4000K) 13000 (90W 5700K) 9500 (70W 3000K) 10500 (70W 4000K) 10200 (70W 5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L328 x W361 x H55	70000	Die-casting Aluminium Housing
FFL74200v0-ds	90/70	12200 (90W 3000K) 13000 (90W 4000K) 13000 (90W 5700K) 9800 (70W 3000K) 10500 (70W 4000K) 10500 (70W 5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L328 x W361 x H55	70000	Die-casting Aluminium Housing
FFL74300v0-ds/sc	150/120	20500 (150W 3000K) 22500 (150W 4000K) 22000 (150W 5700K) 15700 (120W 3000K) 18000 (120W 4000K) 17500 (120W 5700K)	3000/4000/5700k CCT Switchable	Symmetric Optic 60/90/120	L406 x W361 x H57	70000	Die-casting Aluminium Housing
FFL74300v0-ds	150/120	20500 (150W 3000K) 22000 (150W 4000K) 22000 (150W 5700K) 15700 (120W 3000K) 18000 (120W 4000K) 18000 (120W 5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L406 x W361 x H57	70000	Die-casting Aluminium Housing

HUGO

FFL74900v0-sc
FFL74900v0



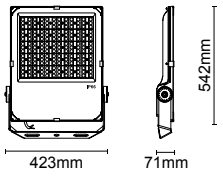
±355° | IP66 | IK08 | λ >0.9 | Class I



FFL75000v0-sc
FFL75000v0
FFL75000v1



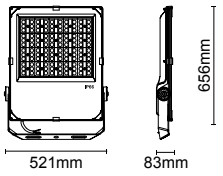
±355° | IP66 | IK08 | λ >0.9 | Class I



FFL76800v0
FFL76800v1



±355° | IP66 | IK08 | λ >0.9 | Class I





Stainless-steel screw and mounting bracket with coating as **standard version**

220-240V

Black (BK12)

STANDARD VERSION

Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B50 at Ta25°C (hrs)	Materials
FFL74900v0-sc	200	27000 (3000K) 30000 (4000K) 28000 (5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L468 x W363 x H58	70000	Die-casting Aluminium Housing
FFL74900v0	200	27000 (3000K) 30000 (4000K) 28000 (5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L468 x W363 x H58	70000	Die-casting Aluminium Housing
FFL75000v0-sc	300	45000 (3000K) 48000 (4000K) 48000 (5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L542 x W423 x H71	70000	Die-casting Aluminium Housing
FFL75000v0	300	45000 (3000K) 48000 (4000K) 48000 (5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L542 x W423 x H71	70000	Die-casting Aluminium Housing
FFL75000v1	400	56000 (3000K) 60000 (4000K) 60000 (5700K)	3000K/4000K/5700K Single CCT	Symmetrical / Asymmetrical	L542 x W423 x H71	70000	Die-casting Aluminium Housing
FFL76800v0	500	73000 (3000K) 78000 (4000K) 78000 (5700K)	3000K/4000K/5700K Single CCT	Symmetrical / Asymmetrical	L656 x W521 x H83	70000	Die-casting Aluminium Housing
FFL76800v1	600	83000 (3000K) 89000 (4000K) 89000 (5700K)	3000K/4000K/5700K Single CCT	Symmetrical / Asymmetrical	L656 x W521 x H83	70000	Die-casting Aluminium Housing

Accessory

Stainless steel 304 bracket



LA10226
for 50W only



LA10227
for 90 - 200W



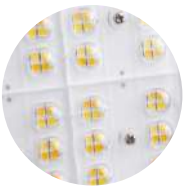
LA10228
for 300W only

HUGO





Symmetrical optics:
120°



Symmetrical optics:
60° / 90°



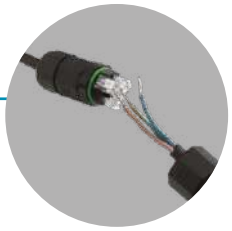
Asymmetrical optics:
TP3A, 110°x40°
135°x60°







Selectable Lumen Output and Switching CCT





1.5M rubber cable with waterproof
quick connector



Stainless-steel screw and mounting
bracket with coating as standard version

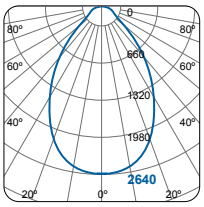




Stainless-steel screw and stainless-steel
mounting bracket as anti-corrosion version

HUGO Photometric Data (Symmetric Optic)

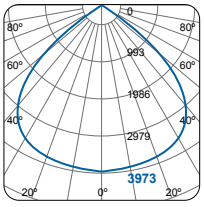
FFL74100v0-ds/sc+060D-22W



m	Lux	Ø cm
0.5	10560	58
1	2640	115
1.5	1173	173
2	660	231

Beam angle = 60°

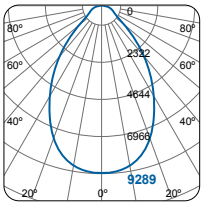
FFL74100v0-ds/sc+090D-22W



m	Lux	Ø cm
0.5	15892	100
1	3973	200
1.5	1766	300
2	993	400

Beam angle = 90°

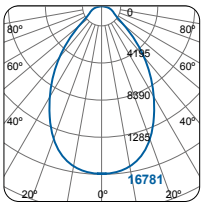
FFL74200v0-ds/sc+060D-90W
FFL74200v0-ds+060D-90W



m	Lux	Ø cm
0.5	37156	58
1	9289	200
1.5	4128	300
2	2322	400

Beam angle = 60°

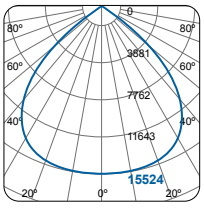
FFL74300v0-dssc+060D-150W
FFL74300v0-ds+060D-150W



m	Lux	Ø cm
0.5	67124	58
1	16781	200
1.5	7458	300
2	4195	400

Beam angle = 60°

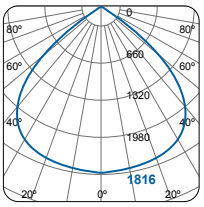
FFL74900v0-sc+090D-200W



m	Lux	Ø cm
0.5	62096	100
1	15524	200
1.5	6900	300
2	3881	400

Beam angle = 90°

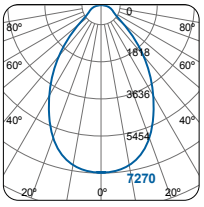
FFL74100v0-ds/sc+090D-22W



m	Lux	Ø cm
0.5	7264	100
1	1816	200
1.5	807	300
2	454	400

Beam angle = 90°

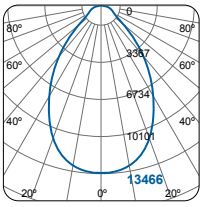
FFL74200v0-ds/sc+060D-70W
FFL74200v0-ds+060D-70W



m	Lux	Ø cm
0.5	29080	58
1	7270	115
1.5	3231	173
2	1818	231

Beam angle = 60°

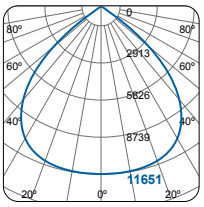
FFL74300v0-dssc+060D-120W
FFL74300v0-ds+060D-120W



m	Lux	Ø cm
0.5	53864	58
1	13466	200
1.5	5985	300
2	3367	400

Beam angle = 60°

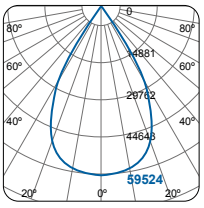
FFL74300v0-dssc+060D-150W
FFL74300v0-ds+060D-150W



m	Lux	Ø cm
0.5	46604	100
1	11651	200
1.5	5178	300
2	2913	400

Beam angle = 90°

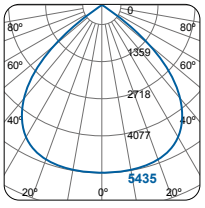
FFL75000v0-sc+060D-300W



m	Lux	Ø cm
0.5	238096	58
1	59524	115
1.5	26455	173
2	14881	231

Beam angle = 60°

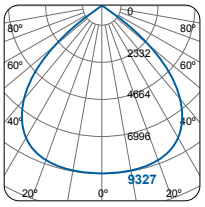
FFL74200v0-dssc+090D-70W
FFL74200v0-ds+090D-70W



m	Lux	Ø cm
0.5	21740	100
1	5435	200
1.5	2416	300
2	1359	400

Beam angle = 90°

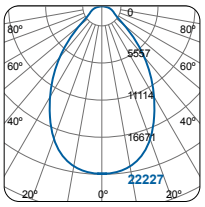
FFL74300v0-dssc+090D-120W
FFL74300v0-ds+090D-120W



m	Lux	Ø cm
0.5	37308	100
1	9327	200
1.5	4145	300
2	2332	400

Beam angle = 90°

FFL74300v0-dssc+090D-150W
FFL74300v0-ds+090D-150W



m	Lux	Ø cm
0.5	88908	58
1	22227	200
1.5	9879	300
2	5557	400

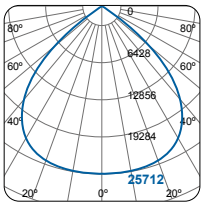
Beam angle = 60°

FFL74900v0-sc+060D-200W

m	Lux	Ø cm
0.5	88908	58
1	22227	200
1.5	9879	300
2	5557	400

Beam angle = 60°

FFL75000v0-sc+090D-300W



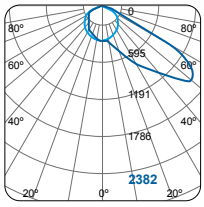
m	Lux	Ø cm
0.5	102848	100
1	25712	200
1.5	11428	300
2	6428	400

Beam angle = 90°

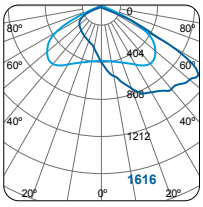
HUGO

HUGO Photometric Data (Asymmetric Optic)

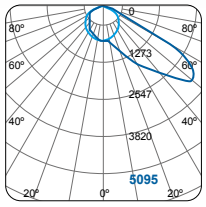
FFL74100v0-ds
+040A110A-22W



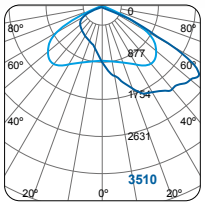
FFL74100v0-ds
+060A135A-22W



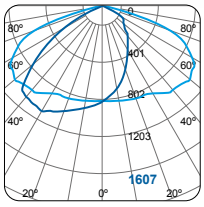
FFL74100v0-ds
+040A110A-22W



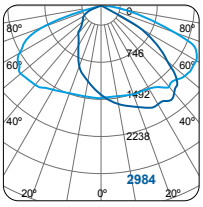
FFL74100v0-ds
+060A135A-50W



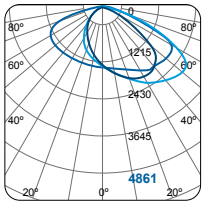
FFL74100v0-ds+TP3A-22W



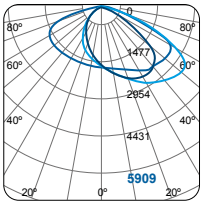
FFL74100v0-ds+TP3A-50W



FFL74200v0-ds
+TP3A-70W



FFL74200v0-ds
+TP3A-90W



FFL74200v0-ds
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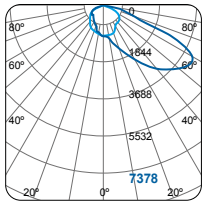

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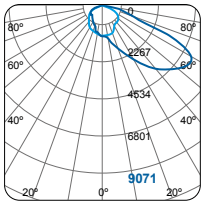
+040A110A-90W



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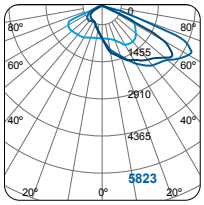
+060A135A-70W



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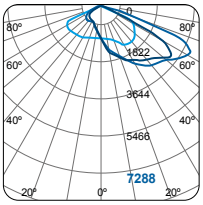
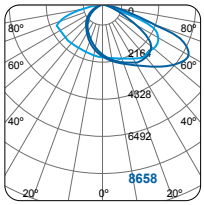


FFL74300v0-ds
+TP3A-120W



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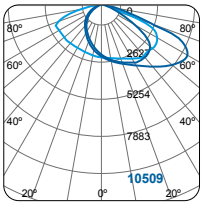
+TP3A-150W



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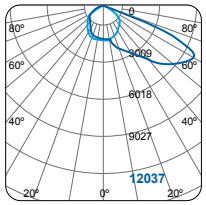
+040A110A-120W



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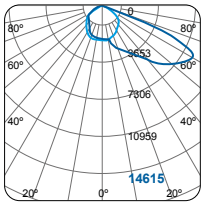

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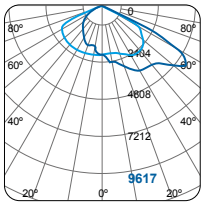

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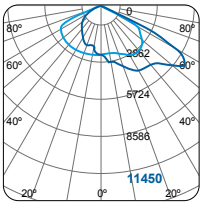
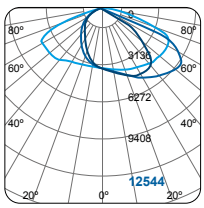
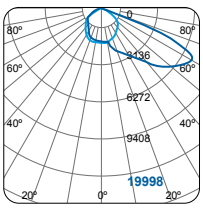


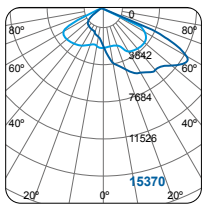
FFL74900v0
+TP3A-200W



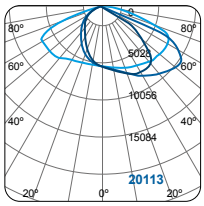
FFL74900v0
+040A110A-200W



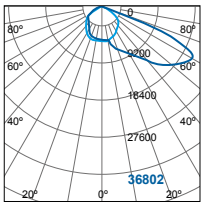
FFL74900v0
+060A135A-200W



FFL75000v0
+TP3A-300W



FFL75000v0
+040A110A-300W



FFL75000v0
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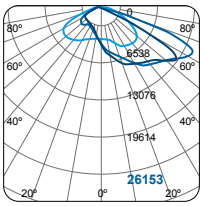
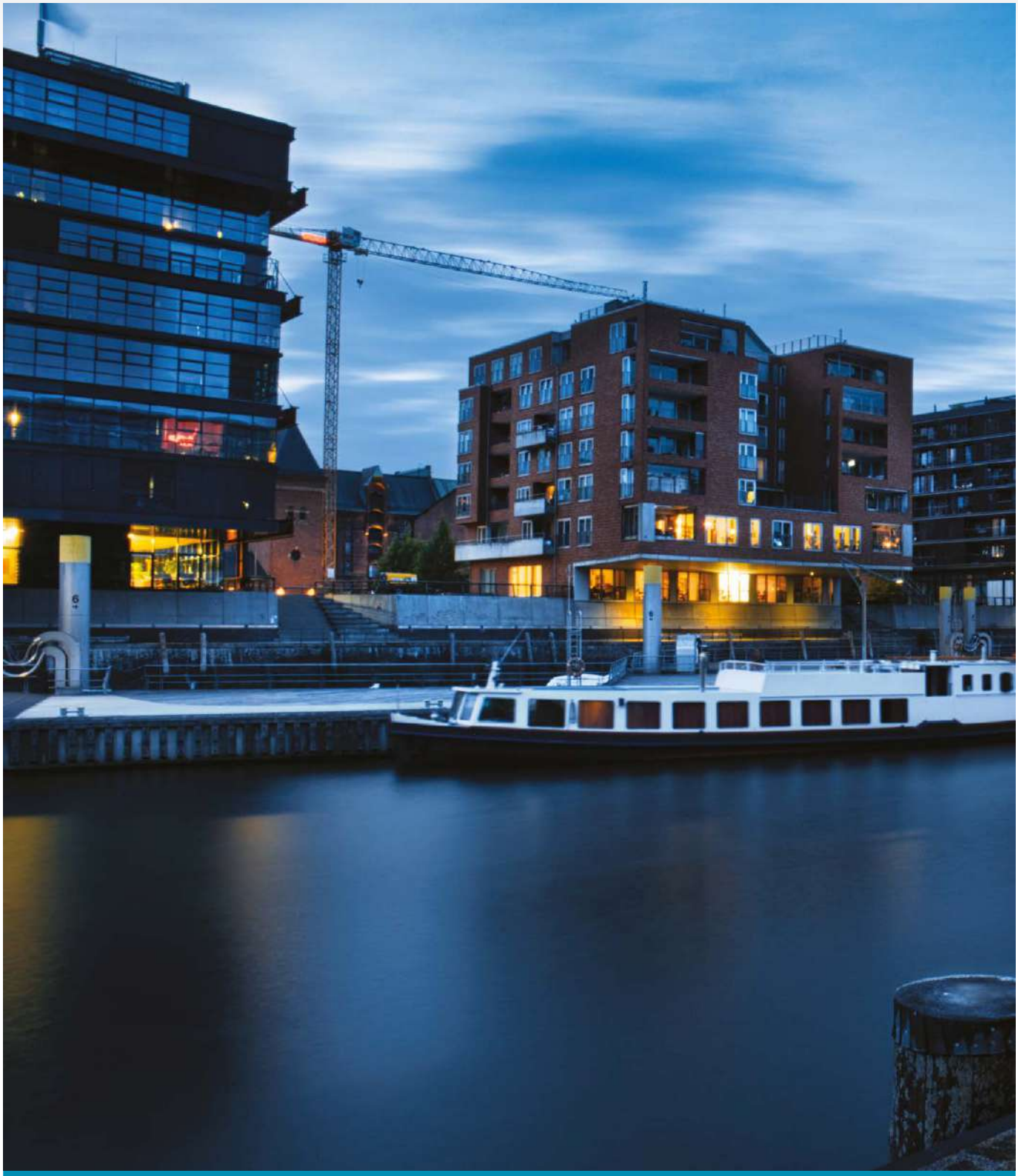


HUGO



EKON

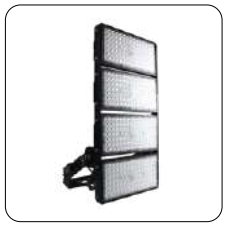


MEGAMAN® EKON

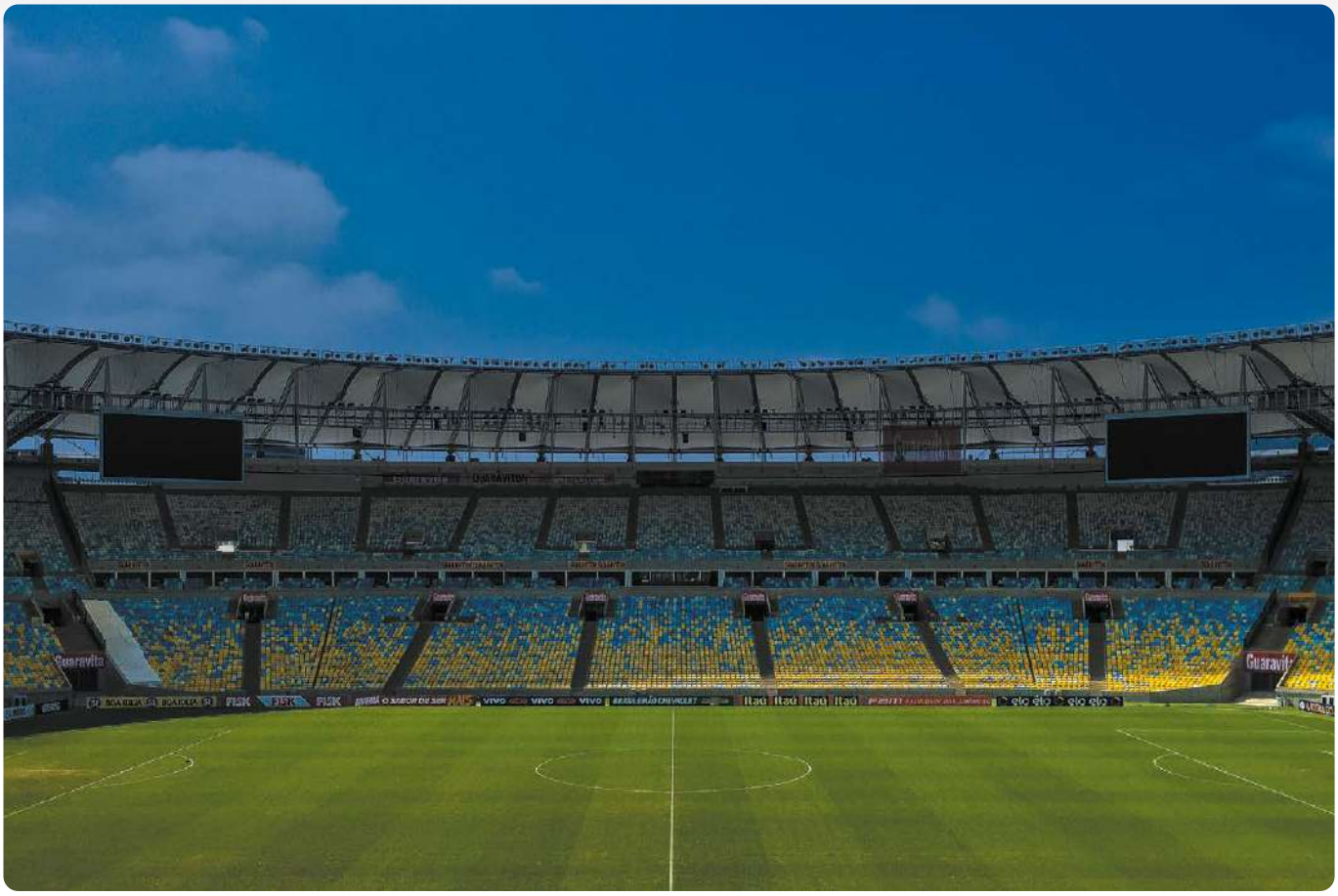
Outdoor Integrated LED Floodlight

IP66 | IK09 | Up to 140 lm/W | 50000 hrs




Integrated LED luminaire



MEGAMAN® EKON

Outdoor Integrated LED Floodlight

IP66 | IK09 | Up to 140 lm/W | 50000 hrs

MEGAMAN® EKON is an outdoor stadium floodlight provides superb brightness and gives instant light with a homogeneous illumination and perfect for outdoor applications. MEGAMAN® EKON delivers superb performance up to 140lm/W and has a substantial 50,000 hours lifetime. Strong and durable powder coated aluminum housing allows protection against corrosion. MEGAMAN® EKON offers symmetric and asymmetric options for uniform lighting, which delivers highly focused light beams, low glare and enhanced photometric control. With fully adjustable 180 degree joints, allows to project the light at different angles.

Features

- Modular design from 250W to 1250W for high mounting application
- Vertically angle adjustment, easy way to adjust the tilting angle and create diversity of lighting environment
- Multiple optics option: symmetrical optics from 10° to 90°; asymmetrical optics 130°x25° / 130°x60° to provide wide lighting application
- Excellent optical glare control avoids light pollution
- Aluminum die-casting housing, driver box and bracket with anti-corrosion powder coating finishing
- Efficiency up to 140lm/W, more energy saving
- 10kV (L-N) / 20kV (LN-G) Surge Protection
- Coupled with water resistance at IP66 protection
- High vandal resistant with IK09
- 50,000hrs L80B10 at Ta 30°C

Applications

- Parking lots
- Outdoor sports and stadium square
- For recreational sports (tennis courts, basketball courts…)
- Exhibition centre
- Soccer field

MEGAMAN®

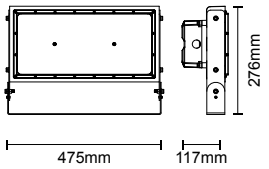
Outdoor Lighting / Floodlight

EKON

FFL73600v0



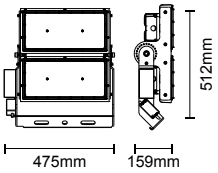
±180° | IP66 | IK09 | λ >0.9 | Class I



FFL73700v0



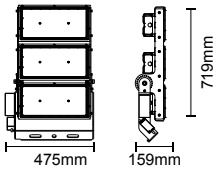
±180° | IP66 | IK09 | λ >0.9 | Class I



FFL73800v0



±180° | IP66 | IK09 | λ >0.9 | Class I



220-240V

Black (BK24)

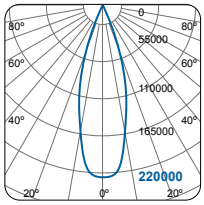
Symmetrical

Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency Lm/W	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B10 at Ta30°C	Power Factor (λ)
FFL73600v0	250	35000	140	4000K/5000K/5700K	10/25/45/60/90	L276 x W475 x H117	50000	>0.95
FFL73700v0	500	70000	140	4000K/5000K/5700K		L512 x W475 x H159	50000	>0.95
FFL73800v0	750	105000	140	4000K/5000K/5700K		L719 x W475 x H159	50000	>0.95

Asymmetrical

Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency Lm/W	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B10 at Ta30°C	Power Factor (λ)
FFL73600v0	250	35000	140	4000K/5000K/5700K	130x25/130x60	L276 x W475 x H117	50000	>0.95
FFL73700v0	500	70000	140	4000K/5000K/5700K		L512 x W475 x H159	50000	>0.95
FFL73800v0	750	105000	140	4000K/5000K/5700K		L719 x W475 x H159	50000	>0.95

FFL73700v0+025D



m	Lux	Ø cm
0.5	880000	22
1	220000	44
1.5	97778	67
2	55000	89

Beam angle = 25°

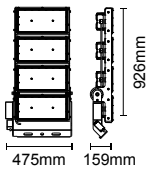
Integrated LED luminaire

EKON

FFL73900v0



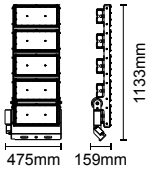
±180° | IP66 | IK09 | λ >0.9 | Class I



FFL74000v0



±180° | IP66 | IK09 | λ >0.9 | Class I



220-240V

Black (BK24)

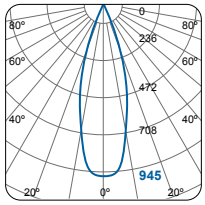
Symmetrical

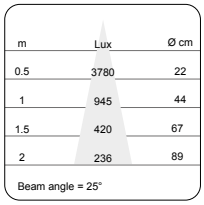
Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency Lm/W	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B10 at Ta30°C	Power Factor (λ)
FFL73900v0	1000	140000	140	4000K/5000K/5700K	10/25/45/60/90	L926 x W475 x H159	50000	>0.95
FFL74000v0	1250	175000	140	4000K/5000K/5700K		L1133 x W475 x H159	50000	>0.95

Asymmetrical

Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency Lm/W	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B10 at Ta30°C	Power Factor (λ)
FFL73900v0	1000	140000	140	4000K/5000K/5700K	130x25/130x60	L926 x W475 x H159	50000	>0.95
FFL74000v0	1250	175000	140	4000K/5000K/5700K		L1133 x W475 x H159	50000	>0.95

FFL73900v0+025D





Integrated LED luminaire

VOSS



MEGAMAN® VOSS

Outdoor Integrated LED Floodlight

PIR Sensor | IP65 | IK08 | Class I







PIR Sensor is available for 11W, 21W, 31W & 51W









Integrated LED luminaire

VOSS



MEGAMAN® VOSS

Outdoor Integrated LED Floodlight

PIR Sensor | IP65 | IK08 | Class I

MEGAMAN® VOSS is an integrated LED floodlight with slim and efficient heat dissipation profile offers wide range of lumen packages with a cost competitive solution. Equipped with a u-shaped bracket, the luminaire can be rotated 180° adjustment for lighting. PIR motion sensor version available for energy saving and safety consideration.

Features

- Durable die cast aluminum with anti-corrosion powder coating and tempered glass
- Efficient heat dissipation
- Beam angle 110°
- IP65 waterproof for standard and IP54 for PIR Sensor version
- IK08 rated vandal resistant
- With 0.5m H05RN-F 3G1.0mm² cable
- Standard version is available for 10W, 20W, 30W, 50W, 100W, 150W & 200W
- PIR sensor version is available for 10W, 20W, 30W & 50W
- Fixing bracket adjustable up to 180°

Applications

- Industrial areas
- Warehouse
- Façade
- Billboards
- Gate areas

Accessory



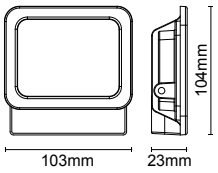
LA8143 – Extension arm

Integrated LED luminaire

VOSS

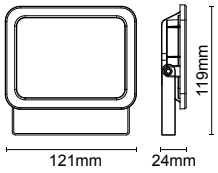
FFL71800v0





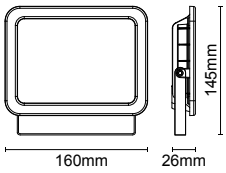
FFL71900v0





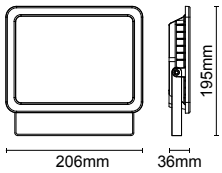
FFL72000v0





FFL72100v0





180° | IP65 | IK08 | λ >0.9 | Class I

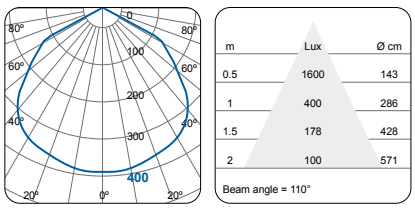
220-240V

Black (BK13)

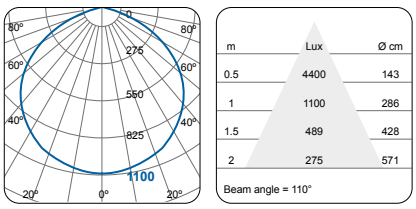
Model No.	Wattage (W)	Luminous Flux (lm)	Lm/W	Colour Temp.	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FFL71800v0	10	850 (3000K) 900 (4000K)	85 (3000K) 90 (4000K)	3000K/4000K	110	400	L103 x W23 x H104	30000	Aluminum Housing with Tempered Glass
FFL71900v0	20	1700 (3000K) 1800 (4000K)	85 (3000K) 90 (4000K)	3000K/4000K	110	750	L121 x W24 x H119	30000	Aluminum Housing with Tempered Glass
FFL72000v0	30	2550 (3000K) 2700 (4000K)	85 (3000K) 90 (4000K)	3000K/4000K	110	1100	L160 x W26 x H145	30000	Aluminum Housing with Tempered Glass
FFL72100v0	50	4250 (3000K) 4500 (4000K)	85 (3000K) 90 (4000K)	3000K/4000K	110	1800	L206 x W36 x H195	30000	Aluminum Housing with Tempered Glass

* Open wire version : 0.5m H05RN-F 3G1.0mm² cable

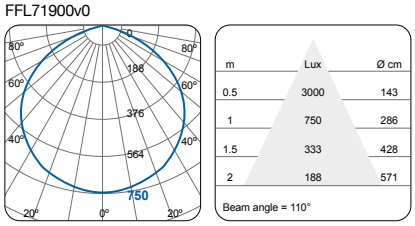
FFL71800v0



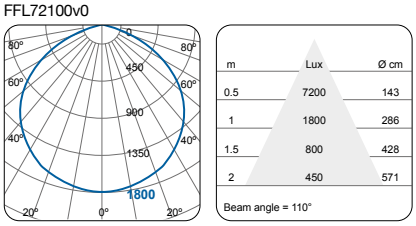
FFL72000v0



FFL71900v0



FFL72100v0



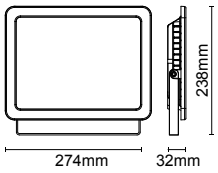
Integrated LED luminaire

VOSS

FFL72200v0



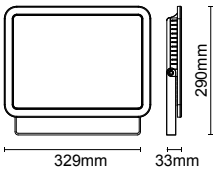
180° IP65 IK08 λ >0.9 Class I



FFL72300v0



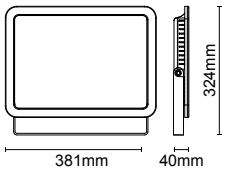
180° IP65 IK08 λ >0.9 Class I



FFL72400v0



180° IP65 IK08 λ >0.9 Class I



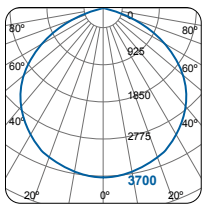
220-240V

Black (BK13)

Model No.	Wattage (W)	Luminous Flux (lm)	Lm/W	Colour Temp.	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FFL72200v0	100	8500 (3000K) 9000 (4000K)	85 (3000K) 90 (4000K)	3000K/4000K	110	3700	L274 x W32 x H238	30000	Aluminum Housing with Tempered Glass
FFL72300v0	150	12750 (3000K) 13500 (4000K)	85 (3000K) 90 (4000K)	3000K/4000K	110	5500	L329 x W33 x H290	30000	Aluminum Housing with Tempered Glass
FFL72400v0	200	17000 (3000K) 18000 (4000K)	85 (3000K) 90 (4000K)	3000K/4000K	110	7400	L381 x W40 x H324	30000	Aluminum Housing with Tempered Glass

* Open wire version : 0.5m H05RN-F 3G1.0mm² cable

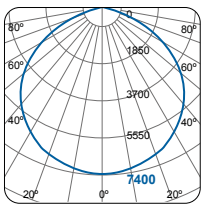
FFL72200v0



m	Lux	Ø cm
0.5	14800	143
1	3700	286
1.5	1644	428
2	925	571

Beam angle = 110°

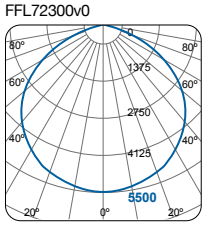
FFL72400v0



m	Lux	Ø cm
0.5	29600	143
1	7400	286
1.5	3289	428
2	1850	571

Beam angle = 110°

FFL72300v0



m	Lux	Ø cm
0.5	22000	143
1	5500	286
1.5	2444	428
2	1375	571

Beam angle = 110°

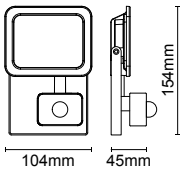
Integrated LED luminaire

VOSS

FFL71800v0-ps



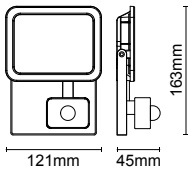
180° IP65 IK08 λ >0.9 Class I



FFL71900v0-ps



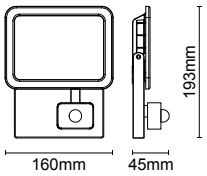
180° IP65 IK08 λ >0.9 Class I



FFL72000v0-ps



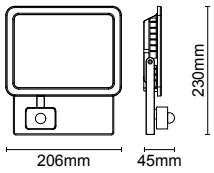
180° IP65 IK08 λ >0.9 Class I



FFL72100v0-ps



180° IP65 IK08 λ >0.9 Class I



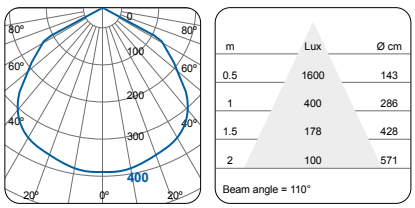
220-240V

Black (BK13)

Model No.	Wattage (W)	Luminous Flux (lm)	Lm/W	Colour Temp.	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FFL71800v0-ps	11	850 (3000K) 900 (4000K)	77 (3000K) 82 (4000K)	3000K/4000K	110	400	L104 x W45 x H154	30000	Aluminum Housing with Tempered Glass
FFL71900v0-ps	21	1700 (3000K) 1800 (4000K)	81 (3000K) 86 (4000K)	3000K/4000K	110	750	L121 x W45 x H163	30000	Aluminum Housing with Tempered Glass
FFL72000v0-ps	31	2550 (3000K) 2700 (4000K)	82 (3000K) 87 (4000K)	3000K/4000K	110	1100	L160 x W45 x H196	30000	Aluminum Housing with Tempered Glass
FFL72100v0-ps	51	4250 (3000K) 4500 (4000K)	83 (3000K) 88 (4000K)	3000K/4000K	110	1800	L206 x W45 x H230	30000	Aluminum Housing with Tempered Glass

* Open wire version : 0.5m H05RN-F 3G1.0mm² cable

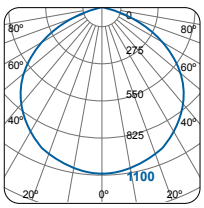
FFL71800v0-ps



m	Lux	Ø cm
0.5	1600	143
1	400	286
1.5	178	428
2	100	571

Beam angle = 110°

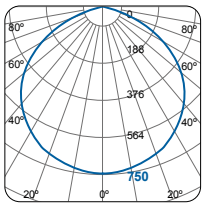
FFL72000v0-ps



m	Lux	Ø cm
0.5	4400	143
1	1100	286
1.5	489	428
2	275	571

Beam angle = 110°

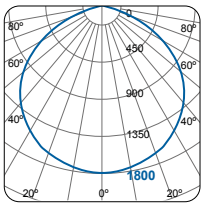
FFL71900v0-ps



m	Lux	Ø cm
0.5	3000	143
1	750	286
1.5	333	428
2	188	571

Beam angle = 110°

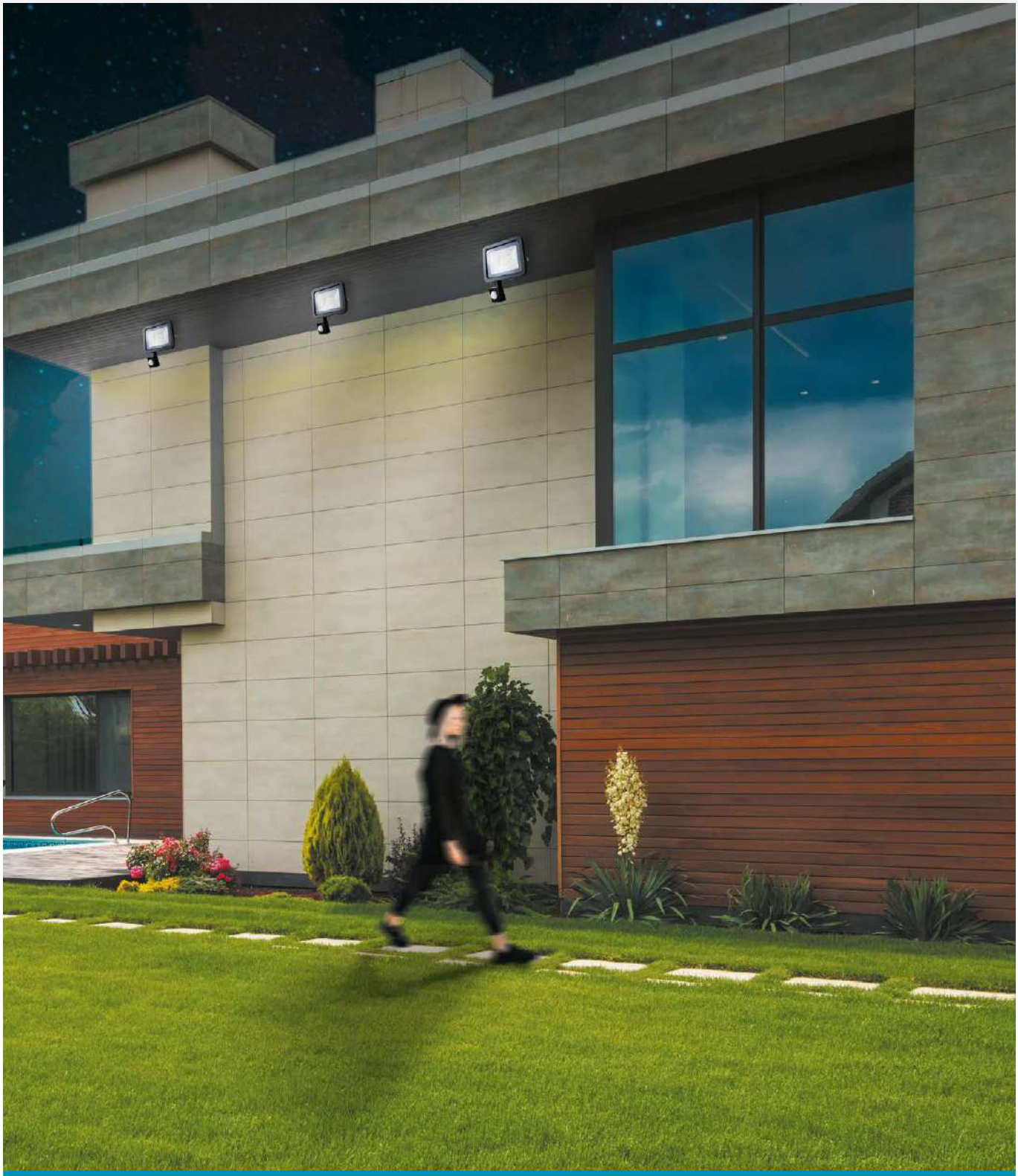
FFL72100v0-ps



m	Lux	Ø cm
0.5	7200	143
1	1800	286
1.5	800	428
2	450	571

Beam angle = 110°

VOSS



Integrated LED luminaire

FONDA XChange®





MEGAMAN® RENZO XChange®

MEGAMAN® FONDA XChange®

MEGAMAN® XChange® series is a CROSS-PLATFORM design enables interchangeability between light sources and control gear which actualized in **MEGAMAN® FONDA XChange®** and **MEGAMAN® RENZO XChange®** series.

FONDA XChange®



MEGAMAN® FONDA XChange®

Modular LED Outdoor Bulkhead

MEGAMAN® FONDA XChange® is a revolutionises outdoor lighting solutions that combines environmental sustainability with advanced modular features. Replaceable light source and control gear to simplify maintenance and support sustainability. Flexibility is increased with tri-lumen output and tri-colour temperature (CCT) switchable options available in MEGAMAN® FONDA XChange®. With superb ratings of IP66 waterproof protection and IK10 vandal resistance, MEGAMAN® FONDA XChange® is designed to withstand challenging outdoor conditions. Its corrosion-free tough polycarbonate enclosure ensuring durability in diverse environments. MEGAMAN® XChange® series is a CROSS-PLATFORM design enables interchangeability between light source and control gear which actualized in MEGAMAN® RENZO XChange® and MEGAMAN® FONDA XChange® series.

Features

- Cross-Platform design enables interchangeability
- Replaceable light source and control gear to simplify maintenance and support sustainability
- Tri-lumen output and Tri-CCT switchable
- IP66 waterproof protection and with IK10 rated vandal resistant
- Corrosion free tough polycarbonate enclosure & UV resistant
- High operating temperature of up to 50°C allows use in outdoor environments under extreme weather
- Theft-proof screws are applied for deterring thieves and vandals
- Emergency kit with 300lm output energy backup lasting for 3 hours
- MEGAMAN® FONDA XChange® with microwave motion sensor can serve as a master device to control other FONDA XChange® without sensor as slaves in a group with loop through wiring connection, with maximum 250W loading
- DC input compatible 180V-260V



Applications

- Car parks
- Warehouses
- Stairwells
- Corridor

MEGAMAN®

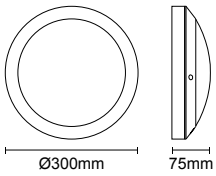
Outdoor Lighting / Bulkhead

FONDA XChange®

FBH71500v0-ds/sc



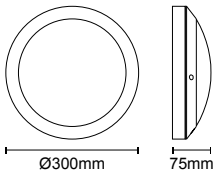
IP66 | IK10 | Class II | λ >0.9 | Flicker Free



FBH71500v0-ds/sc+LA10217



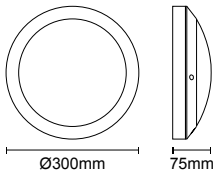
IP66 | IK10 | Class II | λ >0.9 | Flicker Free



FBH71500v0-ds/sc+LA10218



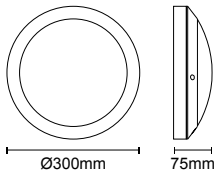
IP66 | IK10 | Class II | λ >0.9 | Flicker Free



FBH71500v0-ds/sc +LA10217+LA10218



IP66 | IK10 | Class II | λ >0.9 | Flicker Free



220-240V

White (WH12) | Silver (SV12) | Black (BK12)

100lm/W Version

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25ºC (hrs)	Materials
FBH71500v0-ds/sc	20/15/10	1880/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	94/93/93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø300 x H75	50000	Polycarbonate
FBH71500v0-ds/sc +LA10217	20/15/10	1880/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	94/93/93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø300 x H75	50000	Polycarbonate
FBH71500v0-ds/sc +LA10218	20/15/10	1880/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	94/93/93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø300 x H75	50000	Polycarbonate
FBH71500v0-ds/sc +LA10217+LA10218	20/15/10	1880/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	94/93/93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K	Ø300 x H75	50000	Polycarbonate

Accessory



LA10217
Microwave Motion Sensor

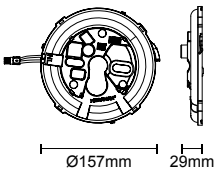


LA10218
Emergency Kit Module

FONDA XChange®

XCD0157A0v00-ds/sc





220-240V

100lm/W Version

Replaceable module for RENZO XChange® & FONDA XChange®	Model No.	Wattage (W) (Selectable)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
100lm/W LED module for D330 & D390 replaceable	XCD0157A0v00-ds/sc+WB02	20/15/10	2600/1950/1300 (3000K) 2900/2175/1450 (4000K/6500K)	130 (3000K) 145 (4000K/6500K)	3000K/4000K/6500K	Ø157 x 29	100000

MEGAMAN®

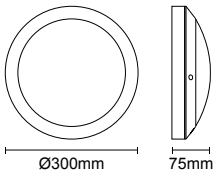
Outdoor Lighting / Bulkhead

FONDA XChange®

FBH71500v1-ds/sc



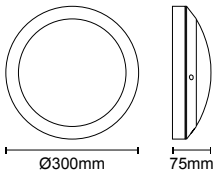
IP66 | IK10 | Class II | λ >0.9 | Flicker Free



FBH71500v1-ds/sc+LA10217



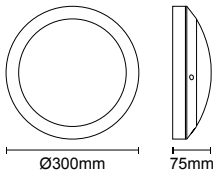
IP66 | IK10 | Class II | λ >0.9 | Flicker Free



FBH71500v1-ds/sc+LA10218



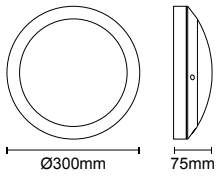
IP66 | IK10 | Class II | λ >0.9 | Flicker Free



FBH71500v1-ds/sc +LA10217+LA10218



IP66 | IK10 | Class II | λ >0.9 | Flicker Free



220-240V

White (WH12) | Silver (SV12) | Black (BK12)

120lm/W Version

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25ºC (hrs)	Materials
FBH71500v1-ds/sc	20/15/10	2220/1680/1100 (3000K) 2400/1800/1200 (4000K/6500K)	111/112/110 (3000K 120 (4000K/6500K)	3000K/4000K/6500K	Ø300 x H75	50000	Polycarbonate
FBH71500v1-ds/sc +LA10217	20/15/10	2220/1680/1100 (3000K) 2400/1800/1200 (4000K/6500K)	111/112/110 (3000K 120 (4000K/6500K)	3000K/4000K/6500K	Ø300 x H75	50000	Polycarbonate
FBH71500v1-ds/sc +LA10218	20/15/10	2220/1680/1100 (3000K) 2400/1800/1200 (4000K/6500K)	111/112/110 (3000K 120 (4000K/6500K)	3000K/4000K/6500K	Ø300 x H75	50000	Polycarbonate
FBH71500v1-ds/sc +LA10217+LA10218	20/15/10	2220/1680/1100 (3000K) 2400/1800/1200 (4000K/6500K)	111/112/110 (3000K 120 (4000K/6500K)	3000K/4000K/6500K	Ø300 x H75	50000	Polycarbonate

Accessory



LA10217
Microwave Motion Sensor

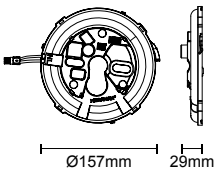


LA10218
Emergency Kit Module

FONDA XChange®

XCD0157A0v01-ds/sc+WB02





220-240V

120lm/W Version

Replaceable module for RENZO XChange® & FONDA XChange®	Model No.	Wattage (W) (Selectable)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
120lm/W LED module for D330 & D390 replaceable	XCD0157A0v01-ds/sc+WB02	20/15/10	2800/2100/1400 (3000K) 3100/2330/1550 (4000K/6500K)	140 (3000K) 155 (4000K/6500K)	3000K/4000K/6500K	Ø157 x 29	100000

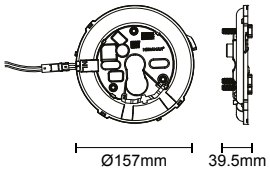
MEGAMAN®

Outdoor Lighting / Bulkhead

FONDA XChange®

XCD0157AMv00-ds/sc+WB02
XCD0157AMv01-ds/sc+WB02





220-240V

Replaceable light source with magnetic stand 100lm/W and 120lm/W

Replaceable module with magnetic stand	Model No.	Wattage (W) (Selectable)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable) [Ra≥80]	Dimension (mm)	Rated Life at L70 B50 at Ta25°C (hrs)
Replaceable light source with magnetic stand 100lm/W	XCD0157AMv00-ds/sc+WB02	20/15/10	2600/1950/1300 (3000K) 2900/2175/1450 (4000K/6500K)	130 (3000K) 145 (4000K/6500K)	3000K/4000K/6500K	Ø157 x 39.5	100000
Replaceable light source with magnetic stand 120lm/W	XCD0157AMv01-ds/sc+WB02	20/15/10	2800/2100/1400 (3000K) 3100/2330/1550 (4000K/6500K)	140 (3000K) 155 (4000K/6500K)	3000K/4000K/6500K	Ø157 x 39.5	100000

FONDA XChange®



FONDA X-Metal

NEW



Replaceable LED & Driver

xChange®

dimLINK®

MEGAMAN® FONDA X-Metal

Modular LED Bulkhead

dimLINK Microwave Motion Sensor

CCT Switchable

Selectable Lumen Output

IP65

IK10

Up to 100 lm/W

70000 hrs





FONDA X-Metal



MEGAMAN® FONDA X-Metal

Modular LED Outdoor Bulkhead

MEGAMAN® FONDA X-Metal is a revolutionises outdoor lighting solutions that combines environmental sustainability with advanced modular features. Replaceable light source and control gear to simplify maintenance and support sustainability. Flexibility is increased with tri-lumen output and tri-colour temperature (CCT) switchable options available in MEGAMAN® FONDA X-Metal. With superb ratings of IP65 waterproof protection and IK10 vandal resistance, MEGAMAN® FONDA X-Metal is designed to withstand challenging outdoor conditions. Its corrosion-free tough polycarbonate enclosure ensuring durability in diverse environments. MEGAMAN® XChange® series is a CROSS-PLATFORM design enables interchangeability between light source and control gear which actualized in MEGAMAN® FONDA X-Metal and MEGAMAN® FONDA X-Metal series.

Features

- Cross-Platform design enables interchangeability
- Replaceable light source and control gear to simplify maintenance and support sustainability
- Tri-lumen output and Tri-CCT switchable
- IP66 waterproof protection and with IK10 rated vandal resistant
- Corrosion free tough polycarbonate enclosure & UV resistant
- High operating temperature of up to 50°C allows use in outdoor environments under extreme weather
- Theft-proof screws are applied for deterring thieves and vandals
- Emergency kit with 300lm output energy backup lasting for 3 hours
- MEGAMAN® FONDA X-Metal with microwave motion sensor can serve as a master device to control other FONDA X-Metal without sensor as slaves in a group with loop through wiring connection, with maximum 250W loading
- DC input compatible 180V-260V



Applications

- Car parks
- Warehouses
- Stairwells
- Corridor

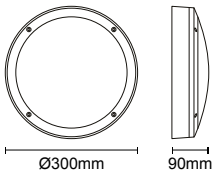
Outdoor Lighting / Bulkhead

FONDA X-Metal

FBH73100v0-dl/ds/sc
FBH73100v0-dl/ds/sc+LA11323
FBH73100v0-dl/ds/sc+LA10218



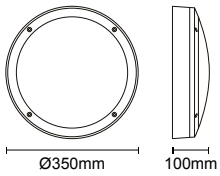
IP65 | IK10 | Class II | λ >0.9 | Flicker Free



FBH73200v0-dl/ds/sc
FBH73200v0-dl/ds/sc+LA11323
FBH73200v0-dl/ds/sc+LA11326



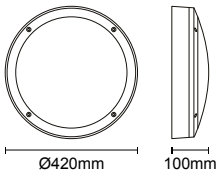
IP65 | IK10 | Class II | λ >0.9 | Flicker Free



FBH73400v0-dl/ds/sc
FBH73400v0-dl/ds/sc+LA11323
FBH73400v0-dl/ds/sc+LA11326



IP65 | IK10 | Class II | λ >0.9 | Flicker Free



220-240V

White (WH12) | Black (BK12)

Materials : Aluminium housing, Polycarbonate cover

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25ºC (hrs)
FBH73100v0-dl/ds/sc	10/6/3	500/300/100 (3000K) 550/310/110 (4000K/5700K)	50/50/33 (3000K) 55/52/37 (4000K/5700K)	3000K/4000K/5700K	Ø300 x H90	70000
FBH73100v0-dl/ds/sc+LA11323	10/6/3	500/300/100 (3000K) 550/310/110 (4000K/5700K)	50/50/33 (3000K) 55/52/37 (4000K/5700K)	3000K/4000K/5700K	Ø300 x H90	70000
FBH73100v0-dl/ds/sc+LA10218	10/6/3	500/300/100 (3000K) 550/310/110 (4000K/5700K)	50/50/33 (3000K) 55/52/37 (4000K/5700K)	3000K/4000K/5700K	Ø300 x H90	70000
FBH73200v0-dl/ds/sc	30/20/15	2050/1400/1020 (3000K) 2200/1500/1100 (4000K/5700K)	68/70/68 (3000K) 73/75/73 (4000K/5700K)	3000K/4000K/5700K	Ø350 x H100	70000
FBH73200v0-dl/ds/sc+LA11323	30/20/15	2050/1400/1020 (3000K) 2200/1500/1100 (4000K/5700K)	68/70/68 (3000K) 73/75/73 (4000K/5700K)	3000K/4000K/5700K	Ø350 x H100	70000
FBH73200v0-dl/ds/sc+LA11326	30/20/15	2050/1400/1020 (3000K) 2200/1500/1100 (4000K/5700K)	68/70/68 (3000K) 73/75/73 (4000K/5700K)	3000K/4000K/5700K	Ø350 x H100	70000
FBH73400v0-dl/ds/sc	30/20/15	2050/1400/1020 (3000K) 2200/1500/1100 (4000K/5700K)	68/70/68 (3000K) 73/75/73 (4000K/5700K)	3000K/4000K/5700K	Ø420 x H100	70000
FBH73400v0-dl/ds/sc+LA11323	30/20/15	2050/1400/1020 (3000K) 2200/1500/1100 (4000K/5700K)	68/70/68 (3000K) 73/75/73 (4000K/5700K)	3000K/4000K/5700K	Ø420 x H100	70000
FBH73400v0-dl/ds/sc+LA11326	30/20/15	2050/1400/1020 (3000K) 2200/1500/1100 (4000K/5700K)	68/70/68 (3000K) 73/75/73 (4000K/5700K)	3000K/4000K/5700K	Ø420 x H100	70000

* Preliminary specification subjected to be finalized

Accessory



LA11327
LA11329
LA11332



LA11328
LA11330

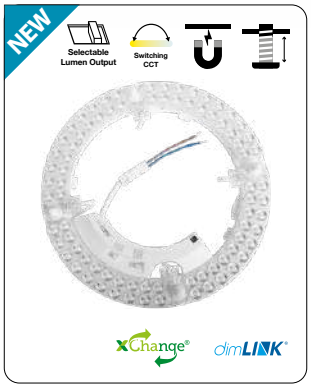
Model No.	Description	Model No.	Description
LA11327	FONDA X-Metal dimLINK® D300 Eyelid Cover	LA11328	FONDA X-Metal dimLINK® D300 Grille Cover
LA11329	FONDA X-Metal dimLINK® D350 Eyelid Cover	LA11330	FONDA X-Metal dimLINK® D350 Grille Cover
LA11332	FONDA X-Metal dimLINK® D420 Eyelid Cover		

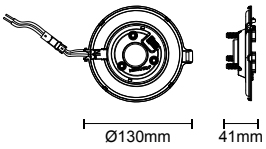
FONDA X-Metal

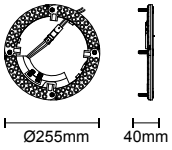
XCD0130AMv01-dl/ds/sc



XCD0260AMv00-dl/ds/et/sc







220-240V

Model No.	Wattage (W) (Selectable)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp (Switchable) [Ra≥80]	Current mA	Dimension (mm)	Rated Life at L70 B50 at Ta25°C (hrs)
XCD0130AMv01-dl/ds/sc	10/6/3	1250/750/375 (3000K) 1400/840/420 (4000K/5700K)	125 (3000K) 140 (4000K/5700K)	3000K/4000K/5700K	70/35/13	Ø130 x H41	100000
XCD0260AMv00-dl/ds/et/sc	30/20/15	4200/2800/2100 (3000K) 4650/3100/2350 (4000K/5700)	140 (3000K) 155 (4000K/5700K)	3000K/4000K/5700K	150/95/70	Ø255 x H40	100000

OPTIONAL ACCESSORIES



LA11323



LA10218



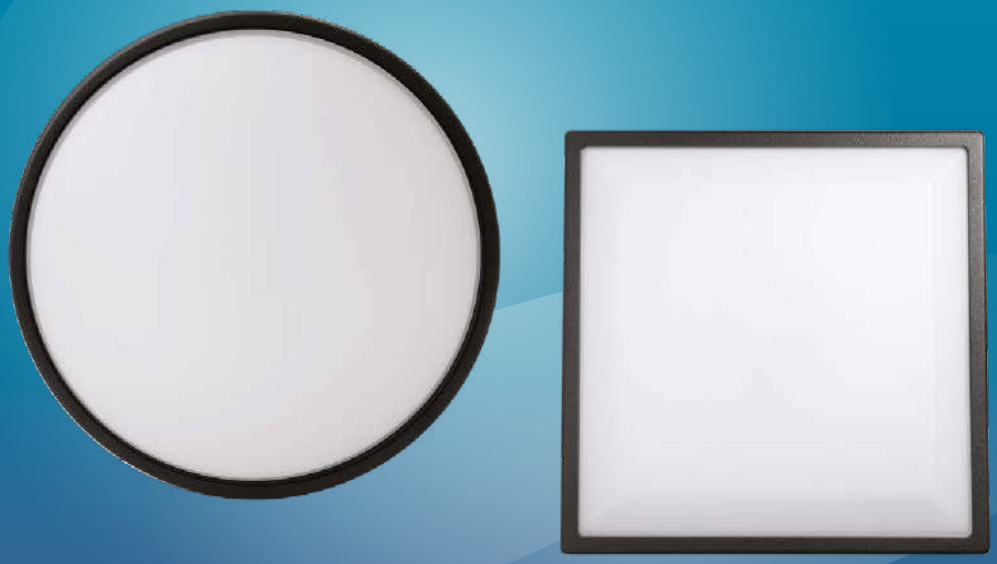
LA11326

Model No.	Description
LA11323	dimLINK® Standby dim Microwave Motion Sensor for XChange® series bulkhead
LA10218	Emergency Kit for XChange® series w/ XCD0130A / XCD0157A
LA11326	Emergency Kit for XChange® series w/ XCD0260A

Learn more about dimLINK® technology by referring to pages 6 - 13.

HERA

NEW



MEGAMAN® HERA

Outdoor Wall Lamp

IP65

30000 hrs



Integrated LED luminaire



MEGAMAN® HERA

Outdoor Wall Lamp

MEGAMAN® HERA is an integrated LED Wall Lamp with IP65 protection suitable for outdoor application. Brilliant design with different frame to have variety of outlook. Easy installation for wall mounted enhance the flexibility of application.

Features
- TWO different frame to cater 3 variety of style installation
- IP65 protection
- Life time up to 30,000hrs
- Tool-less wiring
- Anti-UV polycarbonate housing

IP65

30000 hrs

Applications
- Car parks
- Public area
- Stairwells
- Corridors
- Garden and balcony

HERA

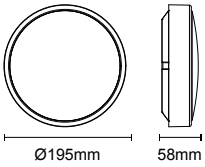
FBH71900v0







IP65

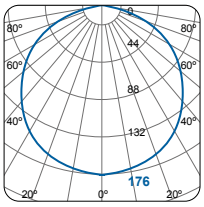


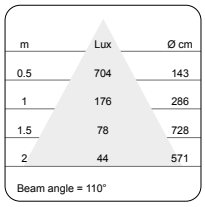
220-240V

Black (BK12)

Model No.	Wattage (W)	Luminous (lm)	Angle (°)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH71900v0	9	600	110	Ø195 x H58	2700K	30000	Polycarbonate+ABS

FBH71900v0





Defaulted 2 frames for FBH71900v0





Accessory



HERA

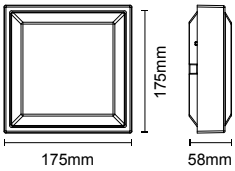
FBH72000v0







IP65

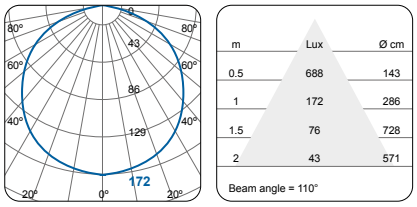


220-240V

Black (BK12)

Model No.	Wattage (W)	Luminous (lm)	Angle (°)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH72000v0	9	600	110	L175 x W175 x H58mm	2700K	30000	Polycarbonate+ABS

FBH72000v0



m	Lux	Ø cm
0.5	688	143
1	172	286
1.5	76	728
2	43	571

Beam angle = 110°

Defaulted 2 frames for FBH72000v0





Accessory



ODI



MEGAMAN® ODI

LED Oval Bulkhead

Selectable Lumen Output | Microwave Motion Sensor | IP54 | IK08 | Flicker free | 25000 hrs







Integrated LED luminaire

ODI



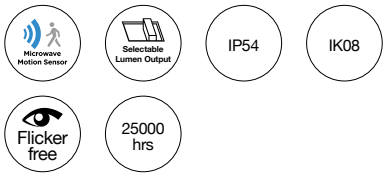
MEGAMAN® ODI

LED Oval Bulkhead

The surface mounted MEGAMAN® ODI with strong polycarbonate diffuser and housing is an ideal corrosion free luminaires for outdoor use. Knockout in all directions, with the option of ON/OFF and microwave motion sensor version, together with the sliding switch for adjusting Dual Lumen Output cater different installations and market demands.

Features

- High competitive value-for-money waterproof bulkhead, an ideal direct replacement of traditional incandescent A60 bulkhead in wholesaler or DIY channel
- Dual-lumen output (450/700lm) in the same housing with optional microwave motion sensor module to cater different applications
- Plug-And-Play modular design enhance the installation flexibility
- Easy and fast installation with quick connector
- Diffuser can be attached with snap-in fastening
- IP54 waterproof protection and IK08 rated vandal resistant
- Flicker free
- UV resistant for full outdoor application
- Uniform light distribution without dark zone or hotspot
- Available for wall or ceiling mounted on solid surfaces such as concrete or brick
- Flexible installation with cable entries in all directions with 2 grommet included
- Fully corrosion free housing
- DC input compatible (180-260VDC)



Applications

- Car parks
- Public area
- Stairwells
- Corridors
- Garden and balcony

Accessory



LA10200
Microwave motion sensor module

MEGAMAN®

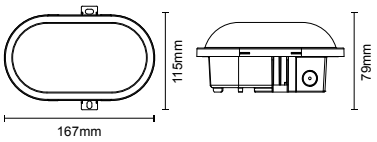
LED Oval Bulkhead

ODI

FBH70100v0-ds
FBH70100v0-ds/ms



IP54 | IK08 | Class II | 120° | Flicker Free

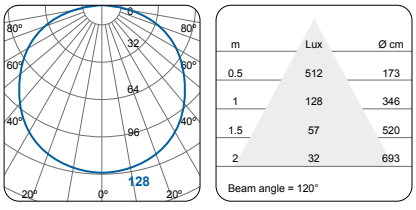


220-240V

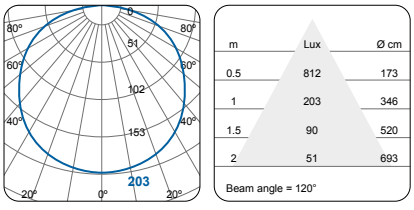
Silver (SV12)

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH70100v0-ds	4.5/7.5	3000K-420lm (LO)/660lm (HO) 4000K-450lm (LO)/700lm (HO)	3000K-93lm/W(LO)/88lm/W(HO) 4000K- 00lm/W(LO)/93lm/W(HO)	L167 x W115 x H79	3000K/4000K	25000	Polycarbonate Cover & Housing
FBH70100v0-ds/ms	5.5/8.5	3000K-420lm (LO)/660lm (HO) 4000K-450lm (LO)/700lm (HO)	3000K-78lm/W(LO)/76lm/W(HO) 4000K-82lm/W(LO)/82lm/W(HO)	L167 x W115 x H79	3000K/4000K	25000	Polycarbonate Cover & Housing

FOB70100v0-ds



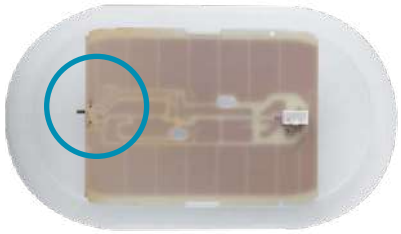
FOB70100v0-ds/ms



Integrated LED luminaire

Functional installation features

Sliding Switch for adjusting the low output / high output



Easy & fast installation with quick connector



Knockout in all directions (top / bottom / 2 sides / back)



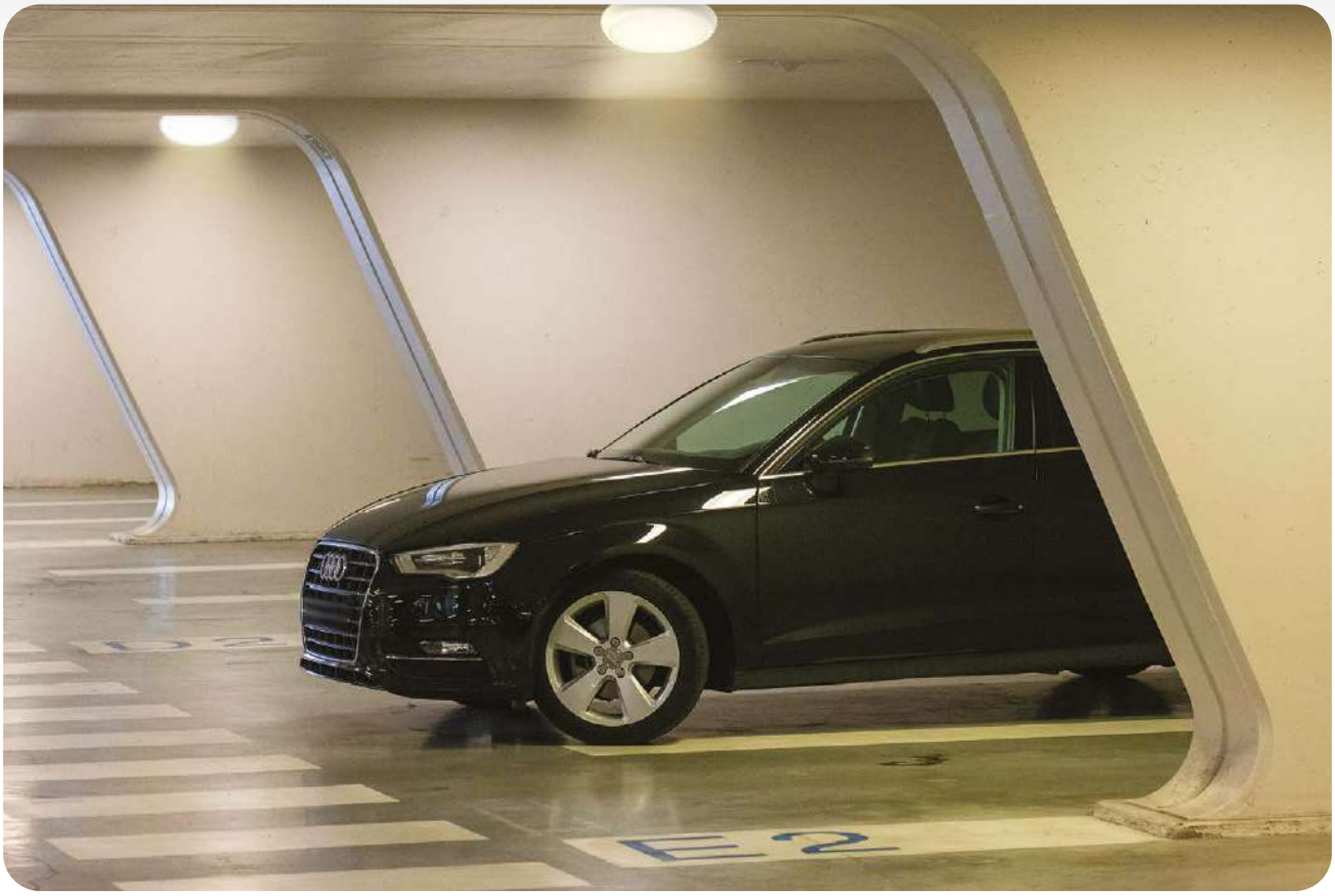




LYRA


NEW
Replaceable
LED &
Driver
100%
0% / 20%
STAND-BY
MEGAMAN® LYRA
LED Bulkhead
Switching
CCT
Selectable
Lumen Output
3h
Microwave
Motion Sensor
IP65
IK10

LYRA



MEGAMAN® LYRA

LED Bulkhead

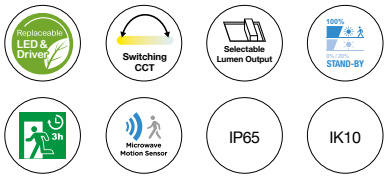
MEGAMAN® LYRA bulkhead adopts a full arc surface design, giving it a softer appearance. The LEDs are arranged in a special pattern, resulting in a more uniform light distribution compared to other outdoor luminaires. When used for extended periods in work or daily life, the light does not cause eye fatigue, effectively protecting eye health. MEGAMAN® LYRA with modular design offers more flexible and extend its range of applications.

Features

- Replaceable light source and control gear to simplify maintenance and support sustainability
- Tri-lumen output and Tri-CCT switchable
- IP65 waterproof protection and with IK10 rated vandal resistant
- Corrosion free tough polycarbonate enclosure & UV resistant
- Emergency kit with 300lm output energy backup lasting for 3 hours
- UK BESA connection box compatible
- Easy and quick installation



Tri-lumen output and
Tri-CCT switchable



Applications

- Stairwells
- Corridors
- Warehouses
- Car parks

MEGAMAN®

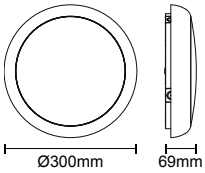
Outdoor Lighting / Bulkhead

LYRA

FBH72100v0-ds/sc



IP65 IK10



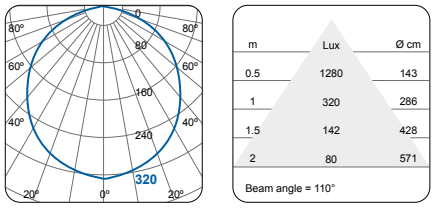
220-240V

White (WH12) Chrome (CH52) Matt Black (BK22)

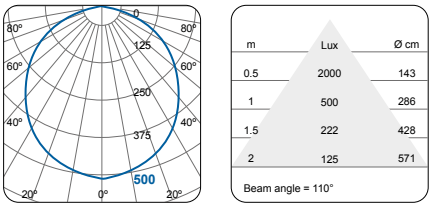
STANDARD VERSION

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Angle (°)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH72100v0-ds/sc	18/14/9	1620/1250/800 (3000K) 1800/1400/900 (4000K) 1700/1350/850 (6000K)	100 (4000K)	110	3000/4000/6000K	Ø300 x H69	50000	PC

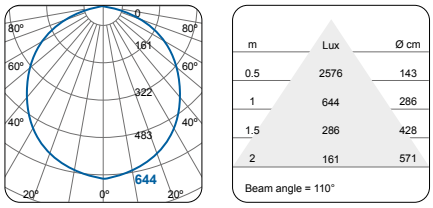
FBH72100v0-ds/sc (9W)



FBH72100v0-ds/sc (14W)



FBH72100v0-ds/sc (18W)



Accessory



LA10229
Microwave Motion Sensor



LA10230
Emergency Kit Module



LA10247/WH
White Bezel



LA10247/BK
Black Bezel



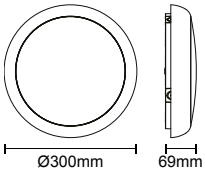
LA10247/CH
Chrome Bezel

LYRA Standby dim

FBH72100v0-dp/ds/sc*



IP65 IK10



220-240V

White (WH12) Chrome (CH52) Matt Black (BK22)

STANDBY DIM VERSION

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Angle (°)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH72100v0-dp/ds/sc*	18/14/9	1620/1250/800 (3000K) 1800/1400/900 (4000K) 1700/1350/850 (6000K)	100 (4000K)	110	3000/4000/5700K	Ø300 x H69	50000	PC

* Standby dim model **MUST** work with Standby dim Sensor LA10364
# Photocell version upon request

Accessory



LA10364
Standby dim Microwave Sensor for LYRA



LA10366
Emergency Module for LYRA Standby dim



LA10247/WH
White Bezel



LA10247/BK
Black Bezel



LA10247/CH
Chrome Bezel

RENZO PORTAL XChange®

NEW



Replaceable LED & Driver

xChange®

dimLINK®

MEGAMAN® RENZO PORTAL XChange®

Outdoor Bulkhead

Selectable Lumen Output

Switching CCT

IP65

IK10

50000 hrs

Features

- Replaceable light source and control gear: simplify maintenance and support sustainability
- High luminous efficiency up to 120lm/W
- 3-step (high / mid / low) selectable lumen output
- Dual CCT 3000K / 4000K enhance the flexibility for different applications
- Equipped with dimLINK® technology. Achieve standby-dimming function in a cost-effective way with dimLINK® microwave sensor. Primary / Secondary control by through wiring.
- Equipped with dimLINK® technology. Automatic switch to emergency lighting mode when emergency situation powered by Central Battery System.
- Optional dimLINK® sensor module and 3H battery emergency kit by plug and play too-less installation
- IP65 and IK10 suitable for dusty and damp location as well as public area
- Anti-theft screw for vandal-proof design
- UV-resistant polycarbonate for full housing
- L80B10 50000 hours long life time
- 5 -direction cable inlet knock out, various junction box mounting. Maximizing installation possibility
- Tool-less wiring by push terminal

Applications

- Corridors
- Stairways
- Entrance areas
- Underpasses
- Public areas
- Retrofit for fluorescent lamps luminaires

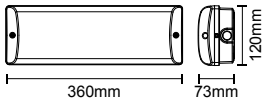


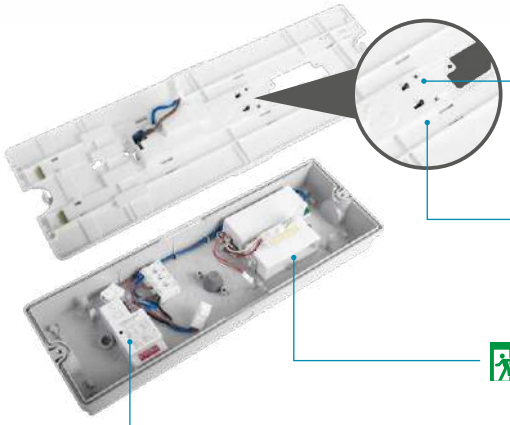
RENZO PORTAL XChange®

FBH73300v0-dl/ds/sc
FBH73300v0-dl/ds/sc+LA11323
FBH73300v0-dl/ds/sc+LA10218
FBH73300v0-dl/ds/sc+LA10218+LA11323



IP65 | IK10 | Flicker Free





3 CCT switchable :
3000K/4000K/6500K

3 Output selectable :
Low/Mid/High output

Emergency Kit Module

dimLINK®
Microwave Motion Sensor

220-240V

Grey (SV16)

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm) (Selectable)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable)	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
FBH73300v0-dl/ds/sc	7.5/5/2.5	900/600/250 (4000K) 840/560/230 (3000K)	120 (4000K)	3000K/4000K	L360 x W120 x H73	50000
FBH73300v0-dl/ds/sc+LA11323	7.5/5/2.5	900/600/250 (4000K) 840/560/230 (3000K)	120 (4000K)	3000K/4000K	L360 x W120 x H73	50000
FBH73300v0-dl/ds/sc+LA10218	7.5/5/2.5	900/600/250 (4000K) 840/560/230 (3000K)	120 (4000K)	3000K/4000K	L360 x W120 x H73	50000
FBH73300v0-dl/ds/sc+LA10218+LA11323	7.5/5/2.5	900/600/250 (4000K) 840/560/230 (3000K)	120 (4000K)	3000K/4000K	L360 x W120 x H73	50000

Accessory



LA11323
dimLINK® Microwave Motion Sensor



LA10218
Emergency Kit Module



XChange® dimLINK® module for RENZO PORTAL
XCL0346A0v00-dl/ds/sc

Learn more about dimLINK® technology by referring to pages 6 - 13.

NOVA XChange®

NEW



Replaceable LED & Driver

xChange®

MEGAMAN® NOVA XChange®

Outdoor Bulkhead

Features

- XChange® LED modules with 3 Output selectable and 3 CCT switchable to enhance the flexibility
- Photocell sensor ensuring visibility and energy efficiency during day and night
- Stylish designs complement home exteriors and boost curb appeal
  Compact designs for easy installation

Selectable Lumen Output | Switching CCT | IP44 | IK08

Photocell sensor | Flicker free | 50000 hrs

Applications

- Residential
- Hotels
- Office buildings
- Public buildings



Photocell sensor

XChange® LED modules



Tunnel design for easy wiring

Mounting holes predrill for flexible installation



NOVA XChange®

FBH72900v0-dl/ds/sc



XCD0130AMv01-dl/ds/sc



IP44 | IK08 | Flicker Free

220-240V

Black (BK12)

Model No.	Wattage (W) (Selectable)	Luminous Flux (lm)	Colour Temp. (Switchable)	CRI	Dimension (mm)	Rated Life at L70B50 at Ta25ºC (hrs)
FBH72900v0-dl/ds/sc	10/6/3	680/380/130 (3000K) 700/400/150 (4000K/5700K)	3000K/4000K/5700K	≥80	L195 x W230 x H65	50000

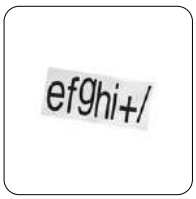
Model No.	Wattage (W) (Selectable)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. (Switchable) [Ra≥80]	Current mA	Dimension (mm)	Rated Life at L70 B50 at Ta25°C (hrs)
XCD0130AMv01-dl/ds/sc	10/6/3	1250/750/375 (3000K) 1400/840/420 (4000K/5700K)	125 (3000K) 140 (4000K/5700K)	3000K/4000K/5700K	70/35/13	Ø130 x H41	100000

Model No.	Wattage (W)	Factory default setting	Range of adjustment
LA8205	0.5	less than 5lux, Light ON more than 25lux, Light OFF	On/Off 5lux/25lux,10lux/50lux,25lux/75lux,50lux/100lux, 100lux/200lux, 150lux/300lux, 200lux/400lux, disable

Accessory



LA8203
Default number and alphabet sticker
(0 – 9, a-d)
Transfer film included



LA8204
Optional sticker
(e-l, + - /)



LA8205
Photocell sensor

TEKA 2

NEW



MEGAMAN® TEKA 2

Garden Lighting

IP65 | IK06 | Class I | 35000 hrs

Designed for outdoor application, MEGAMAN® TEKA 2 features IP66 protection with rust-free finishing for a spike-mounted solution. MEGAMAN® TEKA 2 is an integrated LED spike-mounted luminaire with built-in driver, it is perfect to replace conventional spike-mounted luminaires.

MEGAMAN® TEKA 2 offers a flexible 180° tilt angle for directional lighting. It is made of an extra lightweight and durable polycarbonate material, it offers visual comfort with minimal glare.

Features
- Up to 35000 hours, low maintenance cost
- Equip with air vent to avoid internal fogging and frosting
- High efficient and even light distribution
- Modular optical lens design, easy for further improvement
- Installation angle could be adjusted between 0° to 360° which is suitable to various installation method
- High pressure die casting aluminium body, impact resistance reached IK06

Applications
- Gardens
- Driveways
- Small lanes

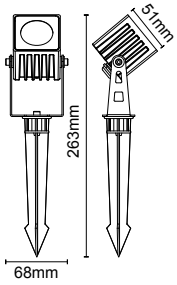
TEKA 2

FFL76700v0
FFL76700v0+EUPLUG
FFL77000v0
FFL77000v0+EUPLUG





40° ±90° IP65 IK06 Class I



220-240V

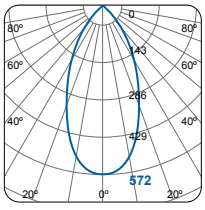




Brown (BR12) Silver (SV12) Black (BK12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp.	Rated Life (hrs)	Wiring	Materials
Square Shape										
FFL76700v0	5	450	90	40	580	W51x L68 x H263	3000K	35000	3x1.0mm² 30cm Open Wire	Aluminium+ Temper Glass
FFL76700v0+EUPLUG	5	450	90	40	580	W51 x L68 x H263	3000K	35000	3x1.0mm² 3M EU Plug	Aluminium+ Temper Glass
Round Shape										
FFL77000v0	5	450	90	40	580	W60 x L68 x H283	3000K	35000	3x1.0mm² 30cm Open Wire	Aluminium+ Temper Glass
FFL77000v0+EUPLUG	5	450	90	40	580	W60 x L68 x H283	3000K	35000	3x1.0mm² 3M EU Plug	Aluminium+ Temper Glass

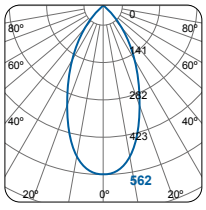
FFL76700v0



m	Lux	Ø cm
0.5	2288	36
1	572	73
1.5	254	109
2	143	146

Beam angle = 40°

FFL77000v0



m	Lux	Ø cm
0.5	2248	36
1	562	73
1.5	250	109
2	141	146

Beam angle = 40°

CAPPI



MEGAMAN® CAPPI

Garden Lighting

MEGAMAN® CAPPI is a spike-mounted luminaire with IP54 protection for outdoor use. Working with the MEGAMAN® water-resistant LED PAR38 reflector lamp, MEGAMAN® CAPPI delivers excellent light output, which is perfect for use in gardens, driveways and small lanes. It offers a flexible tilt angle of 120° for directional lighting. It is made of an extra lightweight and durable polypropylene material.

Features

- Directly connects to the mains, which means it is free of compatibility issues with no extra cost for an external driver
- Reduces installation time and space required
- IP54 protection for outdoor use
- Instant start

Applications

- Gardens
- Driveways
- Small lanes

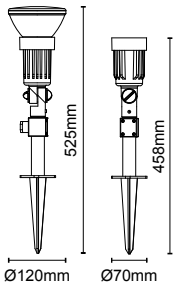
CAPPI

F32114SP





120° IP54 Class II



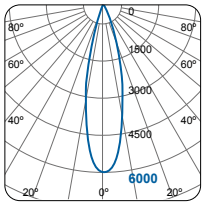
220-240V

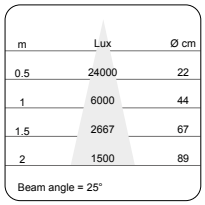
Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F32114SP	16	Ø70 x H458	LED PAR38	E27	Polypropylene Compound



Max. 16W
LED PAR38
E27





Decoding the MEGAMAN® Model Number

Nomenclature of Luminaires (Products launched after 2006)

F 281 00 RC v1 – d

Category Name
F – Fixture

Sequence
Three digits for indication
From 001-999

Light Source
Two digits for indication
From 00-99

Examples:
00 – Integrated LED luminaire
01 – E27 base
17 – GU10 base

Usage / Installation Type
Two digits for indication

Examples:
PD – Pendant
RC – Recessed
SM – Surface mounted

Version
Two digits for indication
From 1-9
First letter "v" stands for version

Examples:
v1 = Version one

Technology
d = Triac dimming
dBT = *INGENIUM*® BLU
p = Perfect White
r = With microwave motion sensor
tw = Tunable White
w = Dim To Warm

Nomenclature of Luminaires (Products before 2006)

L 03 04 TK

Category Name
L – Luminaires

Sequence One
Two digits for indication
From 01-99

Indicates different series

Sequence Two
Two digits for indication
From 01-99

Indicates different appearance and application

Usage / Installation Type
Two digits for indication

Examples:
PD – Pendant
RC – Recessed
SM – Surface mounted

Nomenclature of LED Converters and Phase Cut Dimmable Electronic Transformer

LD 04 24 x1 v – C 700

Category Name
LD = LED converter or phase cut dimmable electronic transformer

Sequence One
Two digits for indication
From 01-99

Wattage
Two digits for indication

Examples:
05 – 5W
24 – 24W

Minimum quantity of LED lamp(s) to be connected
x1 – One Piece
x2 – Two Pieces

Technology
d – Triac dimming
v – DC1-10V

Type
C – Constant Current
K – Constant Voltage

Output Current / Voltage
For constant voltage converter, two digits stand for output voltage
12 – 12V

For constant current converter, three or four digits stand for output current
350 – 350mA
700 – 700mA
1050 – 1050mA

Upgrade of Nomenclature System

F DL 700 00 v0- dm/r9 + IP44 + 060A + UGR19 + PIR30

Category Name
F = Fixture

Series
Two letters for indication

Sequence
Three digits for indication
From 700-999

Lamp base
Two digits for indication
From 00-99

Version
Two digits for indication
From v0-v9

First letter "v" stands for version

Technology / Feature
Special Feature / Technology
Two digits, come with small letter(s) and/or number

IP Rating
First two letters and last two digits for indication

Examples:
IP44 = IP44 rating
IP54 = IP54 rating
IP65 = IP65 rating
IP66 = IP66 rating
…

Beam angle
Three digits for indication

Examples:
008 = 8°
025 = 25°
060 = 60°
110 = 110°
…

Last letter 'D' stands for degree
Last letter 'A' stands for asymmetrical

UGR
First three letters and last two digits for indication

Examples:
UGR19 = UGR19
UGR22 = UGR22

PIR Sensor (Brightness)
Brightness of PIR Sensor

Examples:
PIR00 = 0%/100%
PIR10 = 10%/100%
PIR30 = 30%/100%

Series
Two letters for indication

Example:

Proposed Prefix	Series
GB	Gimbal
LB	Lowbay
HB	Highbay
GL	Garden Lamp
DS	Downlight (≤ Ø95mm)
DM	Downlight (>Ø95mm to ≤Ø140mm)
DL	Downlight (>Ø140mm)
IB	Indoor Batten
OB	Outdoor Batten
TA	Tracklight (Asian track, 1-way)
TK	Tracklight (European track, 3 way)
TJ	Tracklight (Japanese track)
FL	Floodlight
PL	Panel
LP	Linear Profile
CL	Indoor Ceiling Lamp
BH	Outdoor Bulkhead
WL	Wall Lamp
BA	Bollards
IG	In-ground
WK	Working Lamp
PD	Pendant Lamp

Lamp base
Two digits for indication (From 00-99)

Example:

00	Integrated LED luminaire
01	General E27 Type
02	General E14 Type
03	General B22 Type
04	General B15d Type
05	General E12 Type
06	General E17 Type
07	General E26 Type
08	General E26/E25 Type
09	General E40 Type
11	Reflector / lamp with R50 Shape
12	Reflector / lamp with R63 Shape
13	Reflector / lamp with R80 Shape
14	Reflector with PAR38 Shape
15	Reflector with PAR30 Shape
17	Reflector with GU10 Shape
18	Reflector / lamp with GX53 Shape
33	Plug-In with R7s Base
35	Reflector with PAR20 Shape
39	Connector for lamp with G53 Base
40	Reflector with GX8.5 Shape
41	Plug-In with MR16 Base
42	Reflector with E14 Base
43	LED Module TECOH® MHx in 24W
45	LED Light Engine TECOH® CFx PHJ65-2
46	LED R7s with 78mm length
47	LED R7s with 118mm length
48	LED Module TECOH® MHx in 17W
49	LED Module TECOH® RDx
51	LED Light Engine TECOH® Thx
52	Asian track (1-way)
53	European track (3-way)
54	Japanese track compatible (1-way)

Technology / Feature
Special Feature / Technology
Two digits, come with small letter(s) and/or number
Example:

Existing Suffix	Proposed Suffix	Special Feature / Technology
Product with *INGENIUM*® BLU technology, start with 'b'		
-dBT	-b1	*INGENIUM*® BLU Gen 1
-dBT2	-b2	*INGENIUM*® BLU Gen 2
Product with *INGENIUM*® ZB technology, start with 'z'		
-dZB	-zb	*INGENIUM*® ZB 3.0
Others		
-d	-dm	Phase-Cut Dimming (Compact Dim, Dimmerable, U-DIM)
-	-da	built-in DALI Dimming
-	-db	Dual Beam Technology™
-	-dc	built-in DC1-10V Dimming
-w	-dw	Dim to Warm
-s	-ds	Step Dimming
-r	-ms	with Microwave Motion Sensor
-	-ps	with PIR Sensor
-p	-pw	Perfect White
-R9	-r9	RichColour
-	-ru	Utlra RichColour
-tw	-tw	Tunable White
-	-ex	External Driver Required
-	-em	Emergency Option
-	-hs	High Saturation
H	-hp	High Power Factor
-	-pl	Permanent Live for Emergency
-	-sc	Switching Correlated Colour Temperature (CCT)
-	-sw	ON/OFF Switch

Product Code

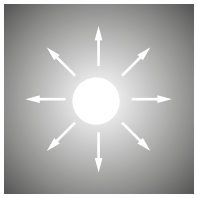
Colours / Materials

Code			Description (Colour, material, main process, 2nd process/texture, sequence)	Reference RAL Colour and Pantone
BK	1	1	Black, Plastic, Injected, Glossy, #1	RAL9004
BK	1	2	Black, Plastic, Injected, Matt, #2	RAL9004
BK	2	1	Black, Metal, Paint sprayed, Glossy, #1	RAL9005
BK	2	2	Black, Metal, Paint sprayed, Matt, #2	RAL9004
BK	2	3	Black, Metal,Paint sprayed, Coarse matt , #3	
BK	2	4	Black, Metal, Paint sprayed, Matt, #4	
BK	6	1	Black, Metal, Anodizing, Matt brush, #1	RAL9005
CH	5	1	Chromium, Metal, Electroplating, Brush, #1	
CH	5	2	Chromium, Metal, Electroplating, #1	
GD	2	1	Gold, Metal, Paint sprayed, Champagne, #1	RAL1035
GD	2	2	Gold, Plastic, Paint sprayed, Champagne, #2	
GD	2	3	Gold, Metal, Paint sprayed, Coarse Matt , #3	
GD	3	1	Gold, Plastic, Hot stamping, Brush, #1	RAL9006
GD	4	1	Gold, Plastic, Vacuum metalising gold, #1	
GD	5	1	Gold, Plastic, Electroplating, #1	
GD	5	2	Gold, Metal, Electroplating, #2	
GN	1	1	Green, Plastic, Injected, Glossy, #1	RAL6012
GN	1	2	Green, Plastic, Injected, Matt, #2	RAL6012
NI	4	1	Nickel, Plastic, Vacuum metalising aluminium, #1	
NI	5	1	Nickel, Plastic, Electroplating, #1	
NI	5	2	Nickel, Plastic, Electroplating, Swirl brush, #2	
NI	5	3	Nickel, Metal,Electroplating,Swirl brush, #3	
SV	1	1	Silver-grey, Plastic, Injected, Glossy, #1	RAL7005
SV	1	2	Silver-grey, Plastic, Injected, Matt, #2	RAL7036
SV	1	3	Silver-grey, Plastic, Injected, Matt, #3	
SV	1	4	Silver-grey, Plastic, Injected, Matt, #4	RAL7047
SV	1	5	Silver-grey, Plastic, Injected, Glossy, #5	RAL7042
SV	1	6	Silver-grey, Plastic, Injected, Matt, #6	
SV	2	1	Silver-grey, Plastic, Paint sprayed, Glossy, #1	RAL7040
SV	2	2	Silver-grey, Plastic, Paint sprayed, Matt, #2	RAL9006
SV	2	3	Silver-grey, Metal, Paint sprayed, Glossy, #3	RAL7038
SV	2	4	Silver-grey, Metal, Paint sprayed, Matt, #4	RAL9006
SV	2	5	Silver-grey, Plastic, Paint sprayed, Glossy, #5	RAL9006
SV	2	6	Silver-grey, Metal, Paint sprayed, Glossy, #6	RAL9006
SV	2	7	Grey, Metal, Paint sprayed, Granite, #7	
SV	2	8	Silver-grey, Metal, Paint sprayed, Glossy, #8	
SV	3	1	Silver-grey, Plastic, Hot stamping, Brush, #1	
SV	6	1	Silver-grey, Metal, Anodizing, Straight brush, #1	RAL9006
SV	6	2	Silver-grey, Metal, Anodizing, Sandblast, #2	RAL9006
SV	6	3	Silver-grey, Metal, Sandblast, #1	
SV	6	4	Silver-grey, Metal, Anodizing, Swirl brush, #4	
WH	1	1	White, Plastic, Injected, Glossy, #1	RAL9001
WH	1	2	White, Plastic, Injected, Matt, #2	RAL9001
WH	1	3	White, Plastic, Injected, Glossy, #3	RAL9003
WH	2	1	White, Metal, Paint sprayed, Glossy, #1	RAL9003
WH	2	2	White, Metal, Paint sprayed, Granite , #2	
WH	2	3	White, Plastic, Paint sprayed,Glossy, #3	
WH	2	4	White, Metal,Paint sprayed,Coarse matt, #4	
WH	2	5	Ivory White, Metal,Paint sprayed,Matt, #5	
WH	2	6	White, Metal,Paint sprayed,Matt, #6	

Connection Box / Terminal Block

Model No.	Connection type		
LA2501	Parallel type (Short version)	2-Way	
LA2502	Single screw type (Long version)	2-Way	
LA2504	Single screw type (Short version)	2-Way	
LA2505	Parallel type (Long version)	2-Way	
LA5111	Single screw type	3-Way	
LA5113	Single/Parallel push-in type	3-Way	
LA5211 (with fixing bracket)	Single screw type	3-Way	
LA5213 (with fixing bracket)	Single/Parallel push-in type	3-Way	

Symbol Information



Luminous Flux
Unit: lumen

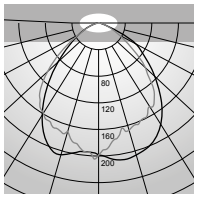
Luminous flux is the total amount of light energy radiated from a light source in all directions and is expressed in lumens.



Luminous Intensity
Unit: candela (cd)

Luminous intensity is the luminous flux in a given direction expressed in candelas (cd) as a measure of the visibility of a light source.

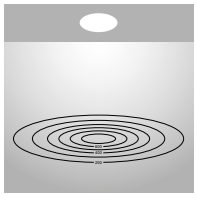
Most light sources emit the light at different strengths in different directions, the intensity distribution must be given for all directions to have a complete description of the light field. The representation in a polar-coordinate diagram is called a luminous intensity distribution curve.



Luminous Intensity Distribution Curve

A luminous intensity distribution curve is a graphical presentation of the distribution of light intensity of a light source, mainly used to show the light output of a reflector lamp or a luminaire. The curve is typically represented in polar plots because this format helps users to visualize both the orientation and the light distribution of the luminaire.

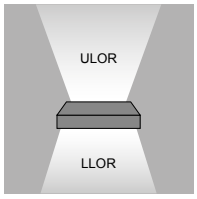
The luminous intensity distribution of a luminaire depends on its optical design that can involve the shape and form of the light source, reflectors, louvres, diffusers, lenses or shields which may be used to control the light output.



Illuminance
Unit: lx

Illuminance is the quantity of light illuminating a surface from all directions. Standard unit of measurement is lux (lx), which is lumen per square meter (lm/m^2).

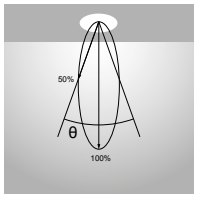
This is used to measure the brightness level of a working surface or an area. The illumination level is often represented with isolux-curves.



Light Output Ratio (LOR)

The ratio of the total light emitted by a luminaire to the total light output of the lamp(s) fitted into the luminaire. The light output ratio is always less than 1.

It is sometimes divided into an Upper Light Output Ratio (ULOR) and a Lower Light Output Ratio (LLOR).



Beam Angle (θ)
Unit: °

The beam angle defines the angular dimension of the light cone from directional lamps, it is measured between the points in the beam that are 50% of the centre peak intensity. It is an important parameter reference for spotlights and reflector lamps.

Explanation of IP Numbers for Degrees of Protection

Degrees of protection indicated by the first characteristic numeral

First characteristic numeral	Degree of protection	
	Short description	Brief details of objects which will be "excluded" from the enclosure
2	Protected against solid objects greater than 12mm	Fingers or similar objects not exceeding 80mm in length. Solid objects exceeding 12mm in diameter
4	Protected against solid objects greater than 1,0mm	Wires or strips of thickness greater than 1,0mm. Solid objects exceeding 1,0mm in diameter
5	Dust-protected	Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment
6	Dust-tight	No ingress of dust

Degrees of protection indicated by the second characteristic numeral

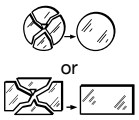
Second characteristic numeral	Degree of protection	
	Short description	Details of the type of protection provided by the enclosure
0	Non-protected	No special protection
3	Protected against spraying water	Water falling as a spray at an angle up to 60° from the vertical shall have no harmful effect
4	Protected against splashing water	Water splashed against the enclosure from any direction shall have no harmful effect
5	Protected against water jets	Water projected by a nozzle against the enclosure from any direction shall have no harmful effect
6	Protected against heavy seas	Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities

Class I - Earthed
Protection against electrical shock by earthing

Class II - Double Insulated
The luminaire provides protection against electrical shock using both the base insulation and an additional or reinforced insulation.

Class III - SELV
Supply by safety extra-low voltage provides protection against electrical shock.

European Community Mark



Replace any cracked protective shield



Beam angle



Rotating angle



Tilting angle

Chemical Resistance

Chemical Agents	Polycarbonate	PMMA	Strainless Steel
Acetic acid 10%	+	+	+
Acetone	-	-	+
Alcoholic beverages	+	o	+
Aluminium sulphate	+	+	o
Ammonia 5%	-	+	+
Aniline	-	-	+
Arsenic acid 20%	+	+	+
Benzene	-	-	o
Bencylic alcohol	-	-	o
Bromine	-	-	-
Calcium Chloride	+	+	o
Calcium nitrate	+	+	o
Carbon tetrachloride	-	-	o
Carbonic acid	-	-	+
Caustic potash 5%	-	+	o
Cement	+	+	o
Hydrochloric acid 1-5%	+	+	-
Chlorine liquids (vapours)	-	-	o
Chloroform	-	-	+
Chromic acid	o	o	o
Citric acid 20%	+	+	o
Copper sulphate	+	+	o
Diesel-naphta oil	o	+	+
Ethyl alcohol 30%	+	o	+
Ethyl chloride	-	-	+
Ethyl ether	-	-	o
food oils and fats	-	+	+
formic acid 10%	+	+	o
Glycerine	+	+	+
Hexane	+	+	+
Iodine	-	+	-
Iron chloride	+	+	-
Isopropylic alcohol	o	o	o
Lubricating oil	+	+	+
Magnesium sulphate	+	+	+
Methanol	-	o	+
Mineral oils	+	+	+
Nitric acid 20%	o	+	+

Chemical Agents	Polycarbonate	PMMA	Strainless Steel
Oxygen	+	+	+
Ozone	+	+	o
Perchloric acid 10%	+	+	-
Petrol	-	+	+
Phenol	-	-	o
Pothassium bromide	+	+	o
Pothassium nitrate	+	+	o
Pothassium permanganate	+	+	o
Sea climate	+	+	o
Silicon oils	+	o	+
Soda bleach 15%	-	+	o
Sodium chloride	+	+	o
Sodium hydroxide 5%	-	+	o
Sodium sulphate	+	+	o
Sugar	+	+	+
Sulphur	+	+	o
Sulphuric acid 30%	+	+	-
Toluene	-	-	+
Trichloroethylene	-	-	o
Zinc sulphate	+	+	o

+	Resistant
o	Relatively resistant
-	Non-resistant

MEGAMAN®

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