

MEGAMAN®

TECHNICAL LUMINAIRES

2025

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.

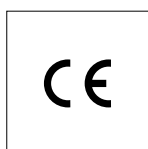
The MEGAMAN® business runs under the most stringent management and quality systems. The green elements of the production process are maximised, employee welfare is prioritised and the company is socially responsible to the local community. To continually develop these areas, MEGAMAN® has undertaken a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



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

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

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 DIMMERABLE Linear Dimming technology, Amalgam technology which prevents the use of liquid mercury.

1999

1997

Industry first candle-shaped CFL launched

1996

Industry first classic-shaped CFL launched

1994

MEGAMAN® incorporated in Germany



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 reparability 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.

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NEW

NEW

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MEGAMAN®
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Indoor / Emergency Lighting

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TEMPUS
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Indoor / Under Cabinet



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Indoor / Mirror Light



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Indoor / Water Proof Batten



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Indoor / Emergency Lighting

Manual Test
Function



MEGAMAN®
TEMPUS All in one
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MEGAMAN®
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Indoor / Emergency Lighting Self-Test Function



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NEW



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MEGAMAN® RENZO XChange

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®

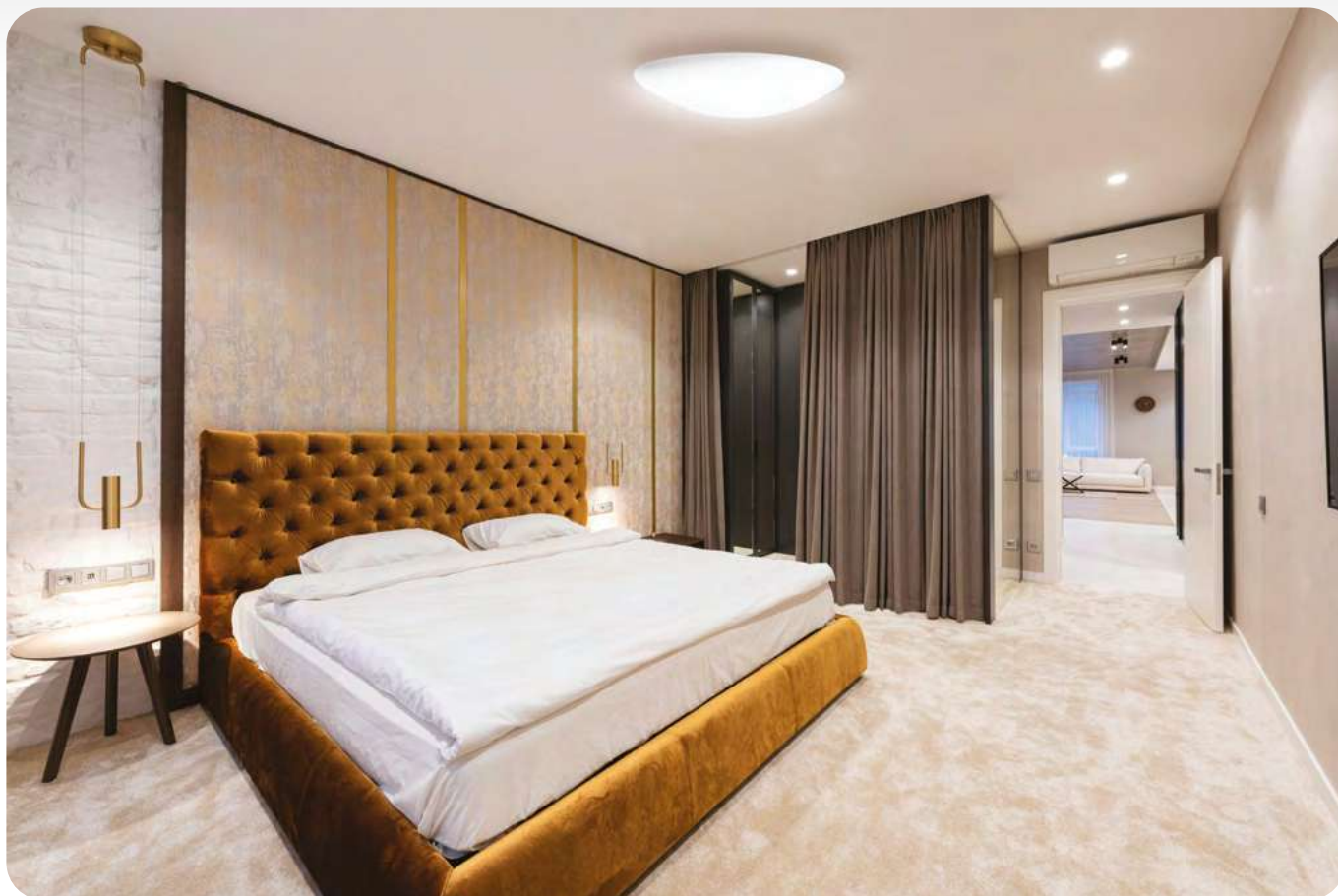


MEGAMAN® RENZO XChange

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.

MEGAMAN® RENZO XChange



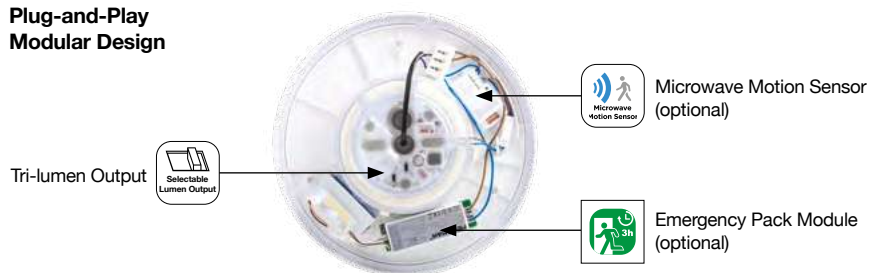
MEGAMAN® RENZO XChange

Modular LED Bulkhead

MEGAMAN® RENZO XChange is a Eco-design luminaire with replaceable light source and control gear. 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

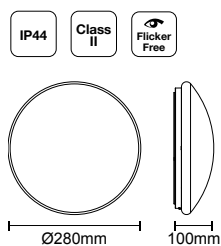


Applications

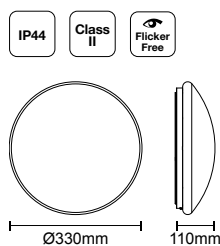
- Hotels
- Bathrooms
- Kitchens
- Corridors
- Residential applications

MEGAMAN® RENZO XChange

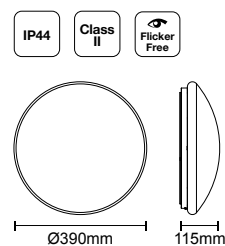
FCL76100v0-sc
FCL76100v0-sc+LA10217
FCL76100v0-sc+LA10218
FCL76100v0-sc+LA10217+LA10218



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



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



220-240V

Materials : Polypropylene Base, Polystyrene cover

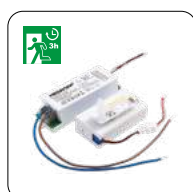
100lm/W Version

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

Accessory



LA10217
Microwave Motion
Sensor



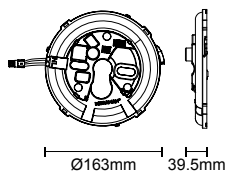
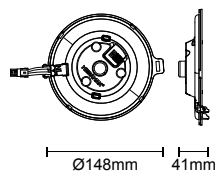
LA10218
Emergency Kit
Module

MEGAMAN® RENZO XChange

XCD0130A0v00-sc+WB01



XCD0157A0v00-ds/sc+WB02



220-240V

100lm/W Version

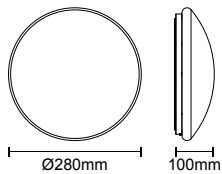
Replaceable module for RENZO XChange & FONDA XChange	Model No.	Wattage (W)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp.	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
100lm/W LED module for D280 replaceable	XCD0130A0v00-sc+WB01	10	1150 (3000K) 1250 (4000K/6500K)	115 (3000K) 125 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø148 x 41	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 Switchable	Ø163 x 39.5	100000

MEGAMAN® RENZO XChange

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



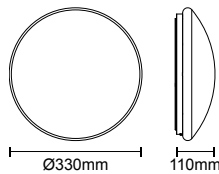
IP44 Class II Flicker Free



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



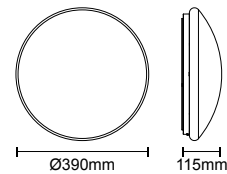
IP44 Class II Flicker Free



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.	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 Switchable	Ø280 x 100	100000
FCL76100v1-sc+LA10217	10	1150 (3000K) 1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø280 x 100	100000
FCL76100v1-sc+LA10218	10	1150 (3000K) 1200 (4000K/ 500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø280 x 100	100000
FCL76100v1-sc+LA10217+LA10218	10	1150 (3000K) 1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø280 x 100	100000
FCL76200v0-ds/sc	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø330 x 110	100000
FCL76200v0-ds/sc+LA10217	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø330 x 110	100000
FCL76200v0-ds/sc+LA10218	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø330 x 110	100000
FCL76200v0-ds/sc+LA10217+LA10218	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/ 6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø330 x 110	100000
FCL76300v0-ds/sc	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø390 x 115	100000
FCL76300v0-ds/sc+LA10217	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø390 x 115	100000
FCL76300v0-ds/sc+LA10218	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø390 x 115	100000
FCL76300v0-ds/sc+LA10217+LA10218	20/15/10	2300/1730/1150 (3000K) 2400/1800/1200 (4000K/6500K)	115 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø390 x 115	100000

Accessory



LA10217
Microwave Motion
Sensor



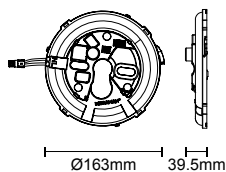
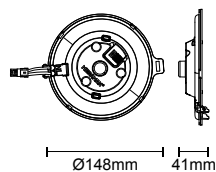
LA10218
Emergency Kit
Module

MEGAMAN® RENZO XChange

XCD0130A0v01-sc+WB01



XCD0157A0v01-ds/sc+WB02



220-240V

120lm/W Version

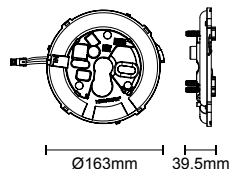
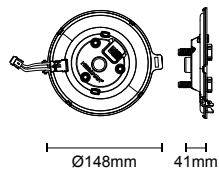
Replaceable module for RENZO XChange & FONDA XChange	Model No.	Wattage (W)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp.	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
120lm/W LED module for D280 replaceable	XCD0130A0v01-sc+WB01	10	1250 (3000K) 1400 (4000K/6500K)	125 (3000K) 140 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø148 x 41	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 Switchable	Ø163 x 39.5	100000

MEGAMAN® RENZO XChange

XCD0130AMv00-sc+WB01
XCD0130AMv01-sc+WB01



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



220-240V

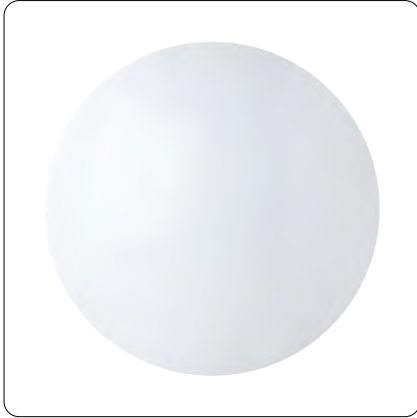
Replaceable light source with magnetic stand 100lm/W and 120lm/W

Replaceable module with magnetic stand	Model No.	Wattage (W)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. [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 Switchable	Ø148 x 41	100000
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 Switchable	Ø163 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 Switchable	Ø148 x 41	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 Switchable	Ø163 x 39.5	100000

MEGAMAN® RENZO XChange

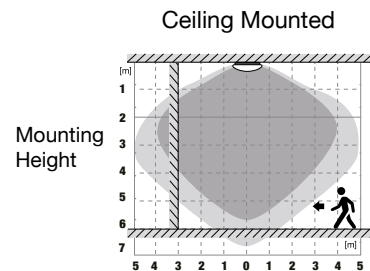
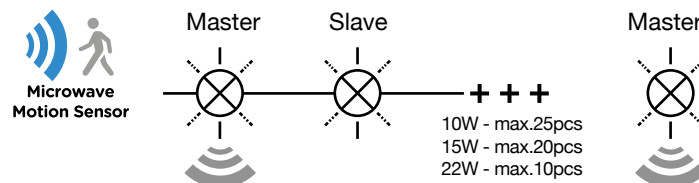
MEGAMAN® RENZO XChange

Modular LED Bulkhead

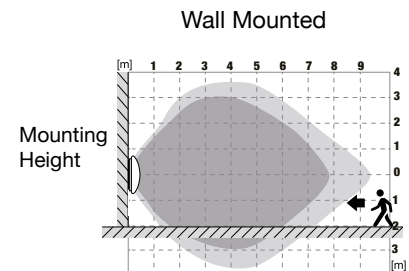


Features

- Cross-Platform design enables interchangeability
- Eco-design with replaceable light source and control gear
- 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 Ta25°C
- 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



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.



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.

MEGAMAN® JOSIE



MEGAMAN® JOSIE

Integrated LED Bulkhead



25000
hrs

IP54



MEGAMAN® 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

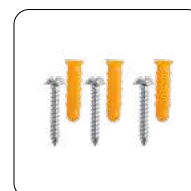
- Step-dimming 100% 50% 20% control over ON/OFF switch with memory function
- Ultra Slim design, profile less than 23mm
- Excellent and uniform lighting performance thanks to side-lit light guide technology
- Easy installation featured with twist-and-lock
- Tool-less wiring connection design
- IP54 version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



Applications

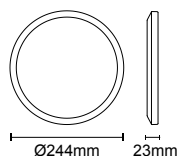
- Hotels
- Kitchens
- Corridors
- Residential

Accessory

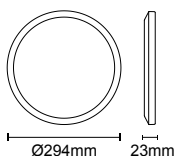


MEGAMAN® JOSIE

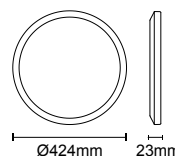
FCL72900v0-ds



FCL73000v0-ds



FCL73100v0-ds

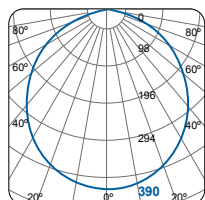


220-240V

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

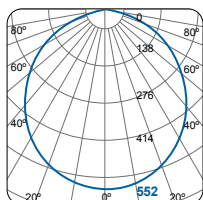
FCL72900v0-ds (2700K)



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

Beam angle = 120°

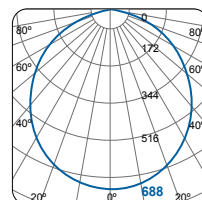
FCL73000v0-ds (2700K)



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

Beam angle = 120°

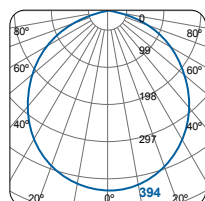
FCL73100v0-ds (2700K)



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

Beam angle = 120°

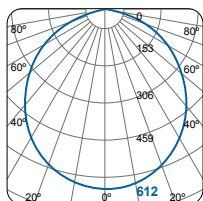
FCL72900v0-ds (6500K)



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

Beam angle = 120°

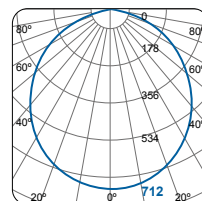
FCL73000v0-ds (6500K)



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

Beam angle = 120°

FCL73100v0-ds (6500K)



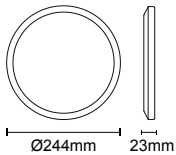
m	Lux	Ø cm
0.5	2848	173
1	712	346
1.5	316	520
2	178	693

Beam angle = 120°

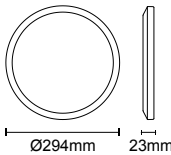
Indoor Lighting / Bulkhead

MEGAMAN® JOSIE

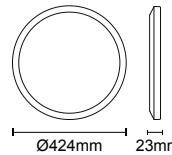
FCL73200v0-ds



FCL73300v0-ds



FCL73400v0-ds

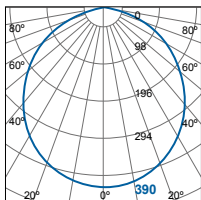


220-240V

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

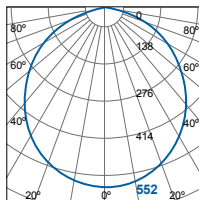
FCL73200v0-ds (2700K)



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

Beam angle = 120°

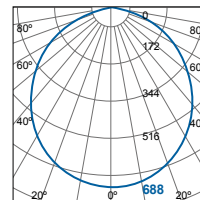
FCL73300v0-ds (2700K)



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

Beam angle = 120°

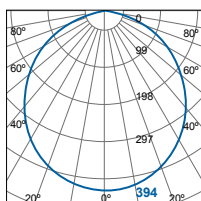
FCL73400v0-ds (2700K)



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

Beam angle = 120°

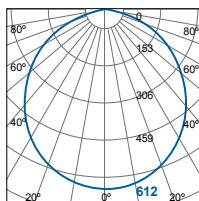
FCL73200v0-ds (6500K)



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

Beam angle = 120°

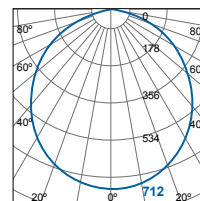
FCL73300v0-ds (6500K)



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°

MEGAMAN® AATOS



MEGAMAN® AATOS

Integrated LED Bulkhead



MEGAMAN® 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

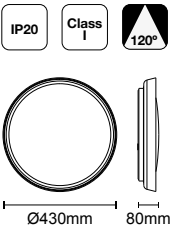


Applications

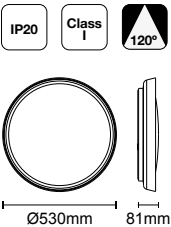
- Living room
- Bedroom
- Restaurants
- Hotels
- Lobby

MEGAMAN® AATOS

FCL73900v0-tw



FCL74000v0-tw



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

MEGAMAN® AATOS



MEGAMAN® AATOS STARRY

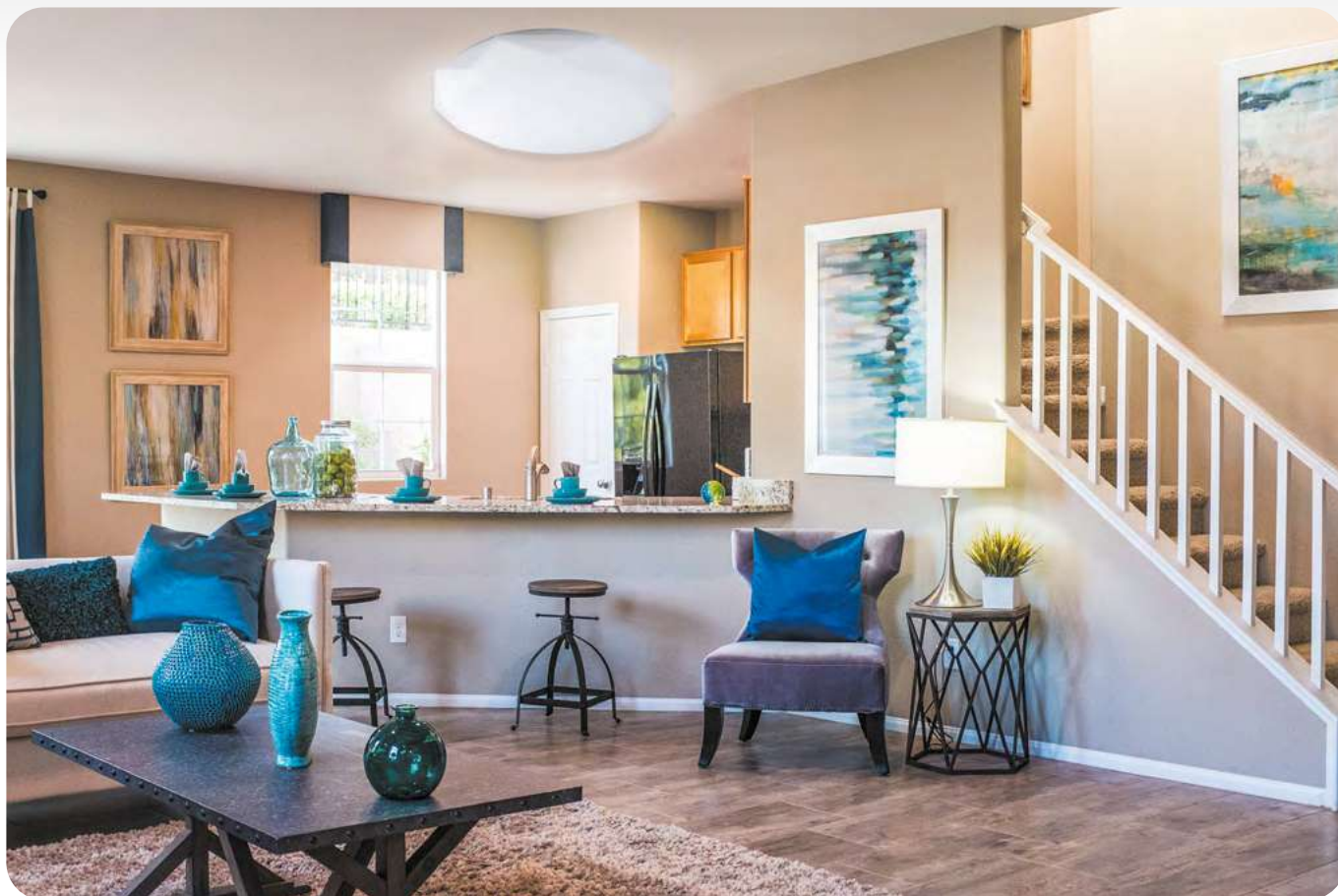


MEGAMAN® AATOS STARRY

Integrated LED Bulkhead



MEGAMAN® 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

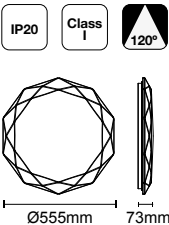


Applications

- Living room
- Lobby
- Restaurants
- Hotels

MEGAMAN® AATOS STARRY

FCL74100v0-wf/ec/tw



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

MEGAMAN® AATOS STARRY



MEGAMAN® KATIA



MEGAMAN® KATIA

Integrated LED Bulkhead

IP40

λ
>0.9


120°

25000
hrs

100lm/W



MEGAMAN® 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 -20°C to 40°C
- Mounting kit for junction box available

IP40

 λ
>0.9

120°

25000
hrs

100lm/W

Applications

- Kitchens
- Corridors
- Residential
- Hotels

Easy Installation



Accessory



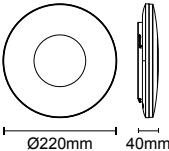
LA10209
Mounting kit for junction
box



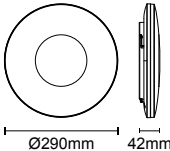
Junction box is not included

MEGAMAN® KATIA

FCL74200v0



FCL74300v0

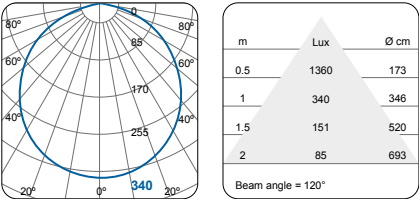


220-240V

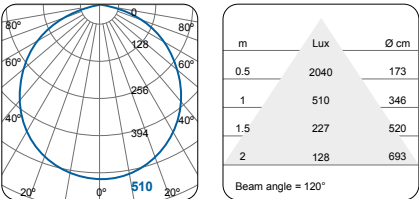
White (WH12)

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



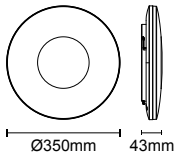
FCL74300v0



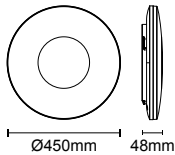
Indoor Lighting / Bulkhead

MEGAMAN® KATIA

FCL74400v0



FCL74500v0

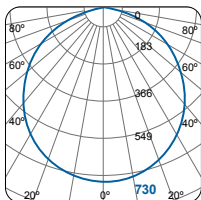


220-240V

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

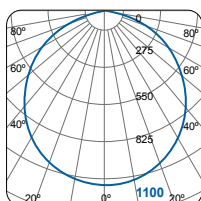
FCL74400v0



m	Lux	Ø cm
0.5	2920	173
1	730	346
1.5	324	520
2	183	693

Beam angle = 120°

FCL74500v0



m	Lux	Ø cm
0.5	4400	173
1	1100	346
1.5	489	520
2	275	693

Beam angle = 120°

MEGAMAN® RENZOLITE



MEGAMAN® RENZOLITE

Integrated LED Bulkhead

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

IP20

IP44

Class
I

25000
hrs

Applications

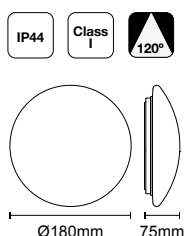
- Kitchens
- Corridors
- Residential

* IP44 For FCL72300v0

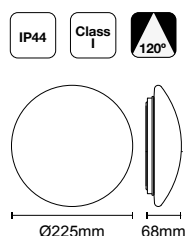


MEGAMAN® RENZOLITE

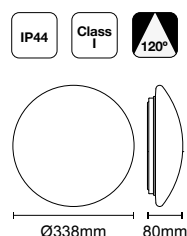
FCL72300v0



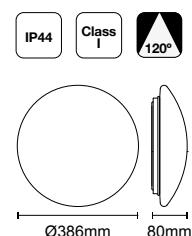
F50500SMv2



F50600SMv2



F50700SMv2

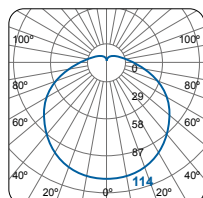


220-240V

☐ 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

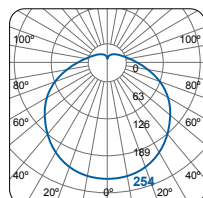
FCL72300v0



m	Lux	Ø cm
0.5	456	173
1	114	346
1.5	51	520
2	29	693

Beam angle = 120°

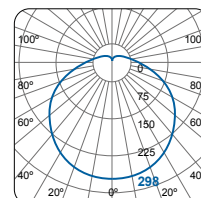
F50500SMv2



m	Lux	Ø cm
0.5	1016	173
1	254	346
1.5	113	520
2	64	693

Beam angle = 120°

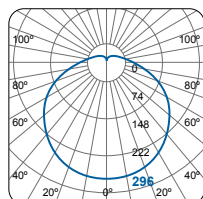
F50600SMv2



m	Lux	Ø cm
0.5	1192	173
1	298	346
1.5	132	520
2	75	693

Beam angle = 120°

F50700SMv2



m	Lux	Ø cm
0.5	1184	173
1	296	346
1.5	132	520
2	74	693

Beam angle = 120°

MEGAMAN® MILENA PRO



MEGAMAN® MILENA PRO

LED Downlight

UGR
≤19

IP54

50000
hrs



MEGAMAN® MILENA PRO



MEGAMAN® MILENA PRO

LED Downlight

MEGAMAN® MILENA PRO integrated LED downlight comes with low glare ($UGR \leq 19$) control in faceted reflector offering maximum visual comfort and low flicker ($\leq 8\%$) 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 ($UGR \leq 19$) 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 $\leq 8\%$ 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 $+40^\circ\text{C}$

UGR
 ≤ 19

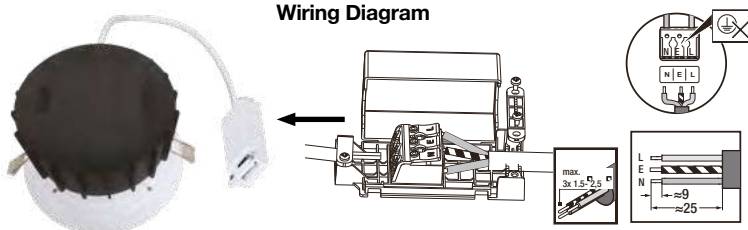
IP54

50000
hrs

Applications

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

Wiring Diagram

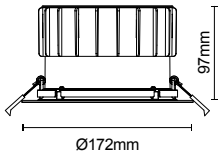


MEGAMAN® MILENA PRO

FDL75700v0



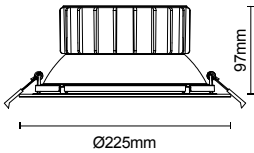
UGR ≤19 IP54



FDL75800v0



UGR ≤19 IP54

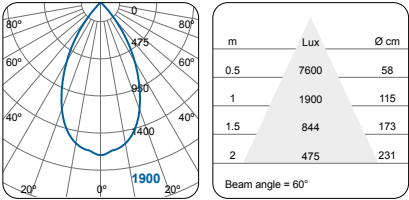


220-240V

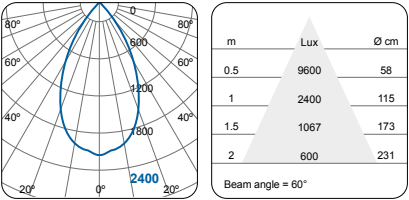
White (WH26)

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



MEGAMAN® MILENA PRO



MEGAMAN® MILENA

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



MEGAMAN® MILENA

Modular LED Downlight



IP54



50000
hrs

DALI



MEGAMAN® MILENA



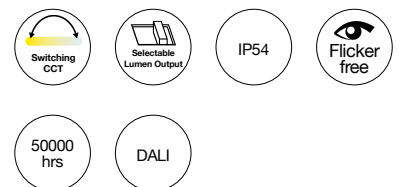
MEGAMAN® MILENA

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 2.5mm² 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® MILENA



Low output / High output



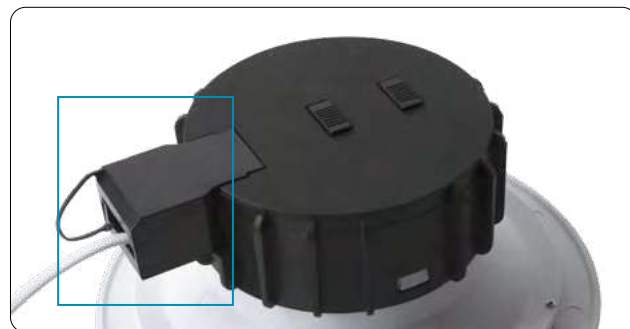
Switching CCT (3000K/4000K)



The modular design allows tool-less assembly

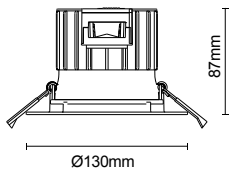
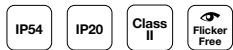


3 x 2.5mm² tool-less terminal block

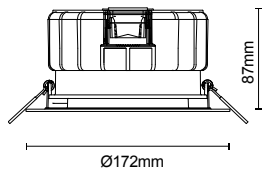
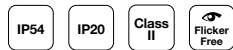


MEGAMAN® MILENA FR

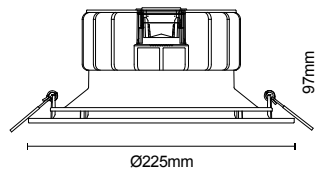
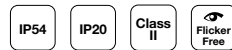
FDM70600v0-ds/sc



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



FDL71500v0-ds/sc
FDL71500v1-ds/sc



220-240V

White
(WH26)

Reflector | ON/OFF Version

Model No.	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
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 Switchable	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 Switchable	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 Switchable	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 Switchable	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 Switchable	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 Switchable	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



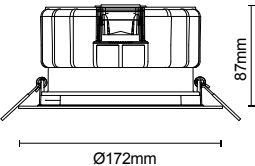
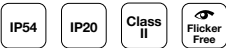
LA3139
6" Diffuser Bezel



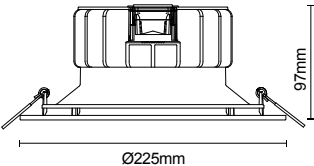
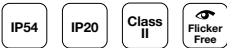
LA3140
8" Diffuser Bezel

MEGAMAN® MILENA FR

FDL71300v2-ex/sc



FDL71500v1-ex/sc



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.	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 Switchable	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 Switchable	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

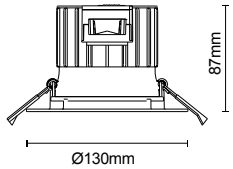
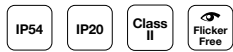


LA3140
8" Diffuser Bezel

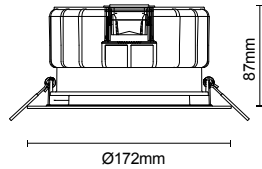
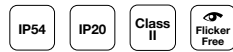
Indoor Lighting / Downlight

MEGAMAN® MILENA

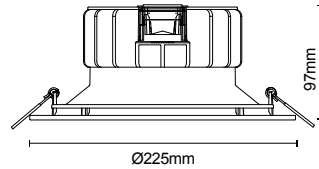
FDM70700v0-ds/sc



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



FDL71600v0-ds/sc
FDL71600v1-ds/sc



220-240V

White (WH26)

Diffuser | ON/OFF Version

Model No.	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
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 Switchable	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 Switchable	50000	>0.9	Aluminum & PC
FDL71400v1-ds/sc	18/23	1670/2230 (3000K) 1800/2400 (4000K)	93/93 (3000K) 100/100 (4000K)	100	Ø172 x H87	Ø150	3000K/4000K Switchable	50000	>0.9	Aluminum & PC
FDL71400v2-ds/sc	19.5/25	1860/2500 (3000K) 2000/2700 (4000K)	93/93 (3000K) 100/100 (4000K)	100	Ø172 x H87	Ø150	3000K/4000K Switchable	50000	>0.9	Aluminum & PC
FDL71600v0-ds/sc	18/23	1670/2230 (3000K) 1800/2400 (4000K)	93/93 (3000K) 100/100 (4000K)	100	Ø225 x H97	Ø200	3000K/4000K Switchable	50000	>0.9	Aluminum & PC
FDL71600v1-ds/sc	19.5/25	1860/2500 (3000K) 2000/2700 (4000K)	93/93 (3000K) 100/100 (4000K)	100	Ø225 x H97	Ø200	3000K/4000K Switchable	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
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Bezel

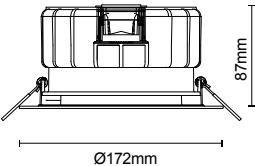
LA3136 6" Facet Reflector Bezel	LA3137 8" Facet Reflector Bezel	LA3138 4" Diffuser Bezel	LA3139 6" Diffuser Bezel	LA3140 8" Diffuser Bezel

MEGAMAN® MILENA

FDL71400v2-ex/sc



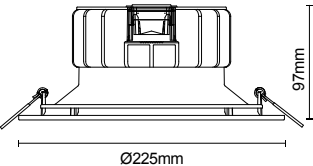
IP54 IP20 Class II Flicker Free DALI



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.	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 Switchable	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 Switchable	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



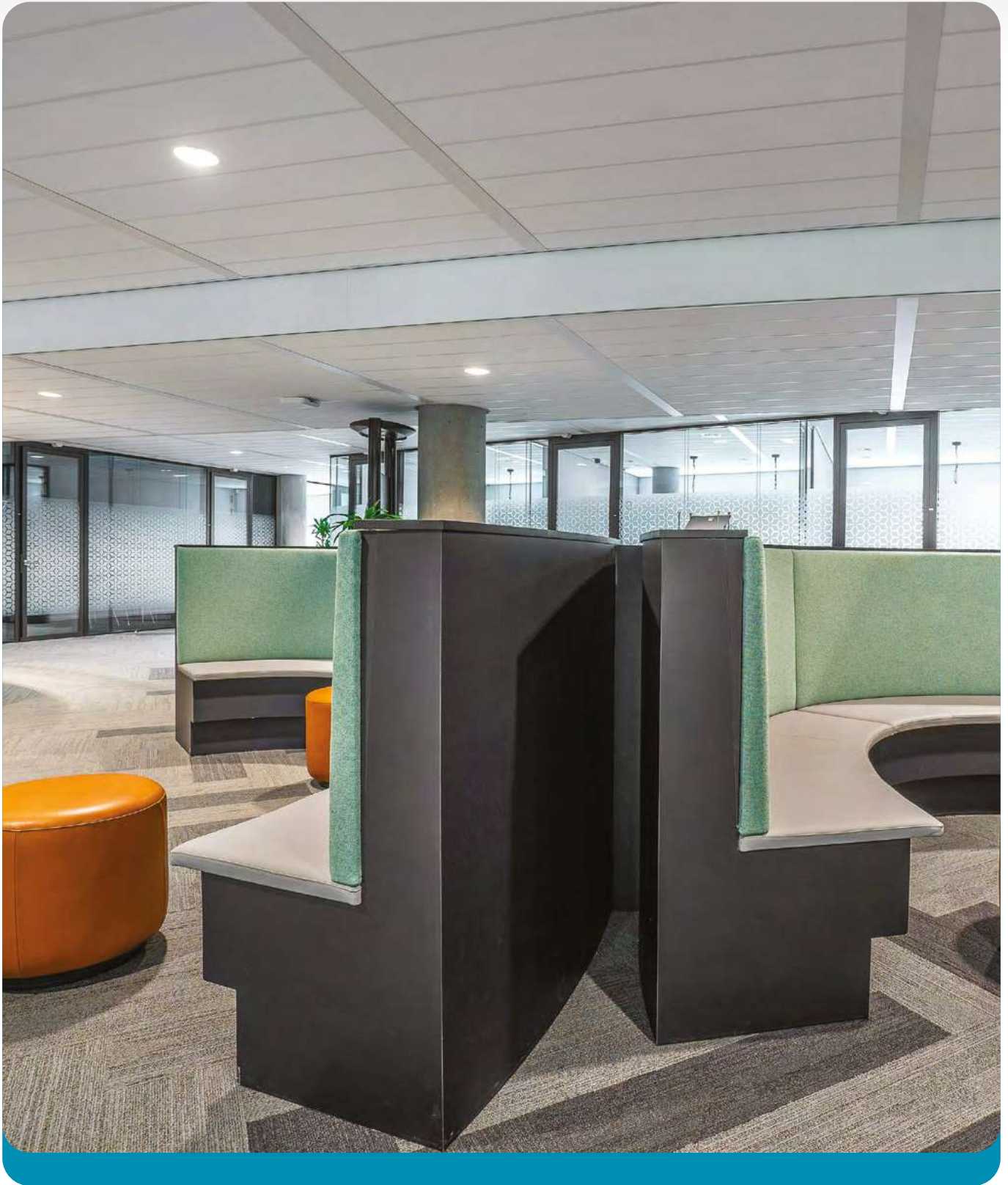
LA3139
6" Diffuser Bezel



LA3140
8" Diffuser Bezel

Indoor Lighting / Downlight

MEGAMAN® MILENA



MEGAMAN® RICO HR



MEGAMAN® RICO HR

Ultra Slim LED Downlight

IP44

Ultra
RichColour

RichColour

Dim to
WARM



MEGAMAN® RICO HR



MEGAMAN® RICO HR

Ultra Slim LED Downlight

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.

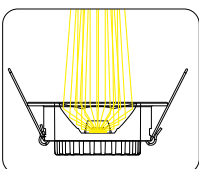
Features:

- 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

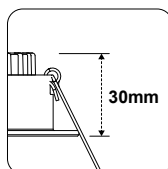


Applications

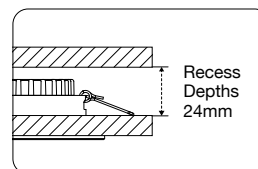
- Shops
- Offices
- Hotels
- Corridors
- Shopping malls
- Workstations
- Study rooms
- Display shelves
- Kitchen cabinets and counters
- Bathrooms
- Wardrobes



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



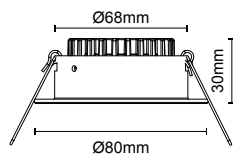
Designed with a height of only 30mm, making it ideal for limited recess depths



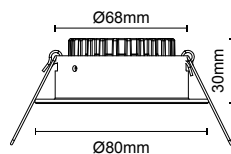
Ultra-Low Profile version together with extra small drivers are now available, perfect for limited recess depths with only 24mm, such as furniture and cabinet lightings

MEGAMAN® RICO HR

F53500RC / F53500RCv2





F53500RC-w/ru

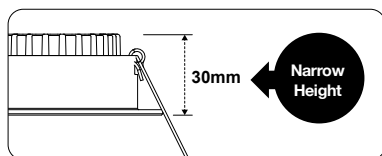


DC16-21V



Standard Version

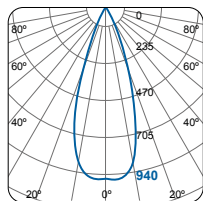
Model No.	Input Current (mA)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-out (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Dimmable	Materials	Suggested Driver
F53500RC	350	6.5	500	77	36	1100	Ø80 x H30	Ø68	2800K/4000K	25000	Dimmable ²	Metal housing with hybrid reflector	LD0509x1d-C350
F53500RC-w/ru  	350	6.5	500	77	36	1100	Ø80 x H30	Ø68	3000K-1800K (Ra95)	50000	Dimmable ² (3000K-1800K)	Metal housing with hybrid reflector	LD0509x1d-C350
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™

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

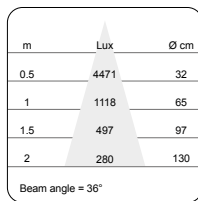
F53500RC



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

Beam angle = 36°

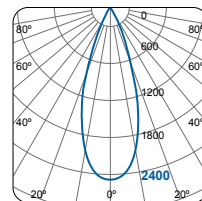
F53500RC-w/ru



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

Beam angle = 36°

F53500RCv2



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

Beam angle = 36°

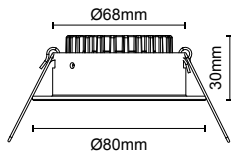
External driver with output current and nominal voltage corresponding to the input current and nominal voltage of the luminaire is required. For example, the external driver with output current of 350mA and nominal voltage of DC16-21V is required for F53500RC.

¹ The rated life of F53500RC-w/ru and F53500RCv2 is 50,000hrs at L80B50 at Ta25°C and L70B50 at Ta25°C respectively.

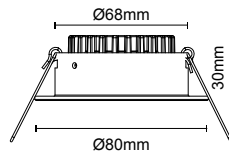
² Capable of linear dimming when working with DALI, DSI or 1-10V dimming drivers, and the dimming performance depends on the specification of driver.

MEGAMAN® RICO HR

F62300RC-r9 / F62300RCv1-r9



F62300RC-w/ru

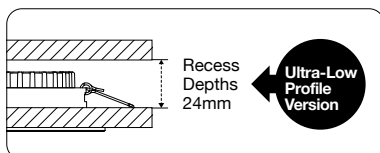


DC15-19V

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 1V/L (L-00H)
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 1V/L (L-00H)
F62300RC-w/ru Ra97 Dim to WARM	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 1V/L (L-00H)

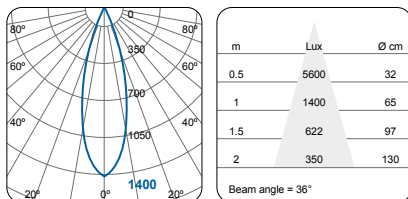


U-DIM™

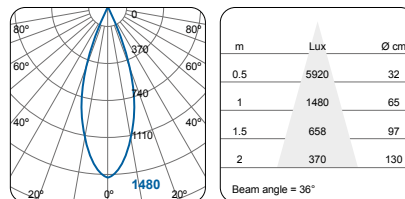
Compatible with BOTH Leading-edge and Trailing-edge Conventional Dimmers for 100-5% Linear Dimming

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

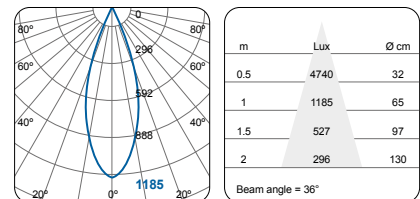
F62300RC-r9



F62300RCv1-r9



F62300RC-w/ru



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.

MEGAMAN® TEGO

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Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



MEGAMAN® TEGO

Fire Rated LED Downlight

MEGAMAN® TEGO provides fire protection that protects the integrity of the ceiling and prevents the spread of fire and smoke into the room above. MEGAMAN TEGO is compliant to BS476 Part 21 and is designed to withstand fire for up to 30, 60 and 90 minutes. With features of easy installation and stock management, this series provides flexibility and convenience at the same time with thoughtful design.

Features

- Fully compliant to the building regulations requirement "Approved Document B" and fire tested in accordance with BS476-21
- Fully Fire-rated for 30, 60 and 90 minute ceilings
- IP65 version allows to use in bathroom
- Integrated version enhance easy installation and wiring
- Unique tool-less wiring block and push-in terminal ensure easy installation
- Loop in/Loop out feature enable one to one quick connection
- Robust spring clip
- Triac dimmable as standard
- Up to 88 lm/W
- 3000K and 4000K colour temperature switching in-situ
- Interchangeable bezel with 3 finishing (White, Chrome & Brush Nickel) enable flexibility of stock

Up to
88
lm/W

IP65

Applications

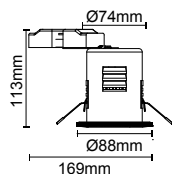
- Restaurants
- Hotels
- Offices
- Kitchens
- Corridors



Indoor Lighting / Downlight

MEGAMAN® TEGO

FDS71900v0-dm/sc
FDS72000v0-dm/sc
FDS72100v0-dm/sc

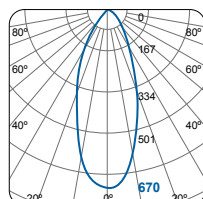


220-240V

White
(WH12)

Model No.	Wattage (W)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp	Rated Life at L70B50 at Ta25°C (hrs)	IP Rating	Dimmable Triac	Materials	Remarks
FDS71900v0-dm/sc	5	420	36	Ø88 x H113	Ø73	3000K/4000K Switchable	30,000	IP65	100-10%	Steel + Plastic	Fixed
FDS72000v0-dm/sc	5	420	36	Ø88 x H113	Ø73	3000K/4000K Switchable	30,000	IP20	100-10%	Steel + Plastic	Adjustable
FDS72100v0-dm/sc	7.5	630	36	Ø88 x H113	Ø73	3000K/4000K Switchable	30,000	IP65	100-10%	Steel + Plastic	Fixed

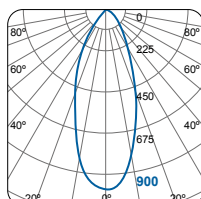
FDS71900v0-dm/sc
FDS72000v0-dm/sc



m	Lux	Ø cm
0.5	2680	32
1	670	65
1.5	298	97
2	168	130

Beam angle = 36°

FDS72100v0-dm/sc



m	Lux	Ø cm
0.5	3600	32
1	900	65
1.5	400	97
2	225	130

Beam angle = 36°

Accessory



LA10130/CH
Bezel in CH
(Fixed)



LA10130/BN
Bezel in BN
(Fixed)



LA10131/CH
Bezel in CH
(Adjustable)



LA10131/BN
Bezel in BN
(Adjustable)



MEGAMAN® TEGO 3



MEGAMAN® TEGO 3

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



Applications

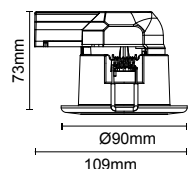
- Restaurants
- Hotels
- Offices
- Kitchens
- Corridors



Indoor Lighting / Downlight

MEGAMAN® TEGO 3

FDS73200v0-dm/db/sc+036D060D

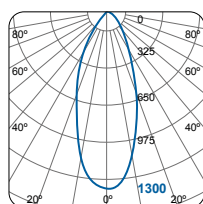


220-240V

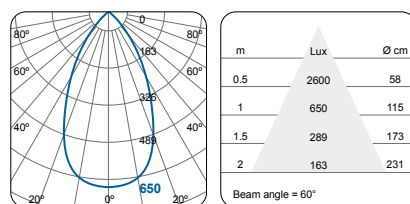


Model No.	Wattage (W)	Luminous Flux (lm)	Lm/W	Beam Angle (°)	CD	Dimension (mm)	Cut-out (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Dimmable	Materials
FDS73200v0-dm/db/sc+036D060D	7.5	600 (2800K) 650 (4000K)	80 (2800K) 87 (4000K)	36/60	1300 (36°) 650 (60°)	Ø90 x H73	Ø68	2800K/4000K Switchable	50000	Universal dimming	Plastic housing and Plastic diffuser

FDS73200v0-dm/db/sc+36°



FDS73200v0-dm/db/sc+60°



Accessory



LA8111/WH
Bezel
(White)



LA8111/CH
Bezel
(Chrome)



LA8111/NI
Bezel
(Brushed Nickel)



LA8111/BK
Bezel
(Matt Black)



LA8111/GD
Bezel
(Gold)



MEGAMAN® 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



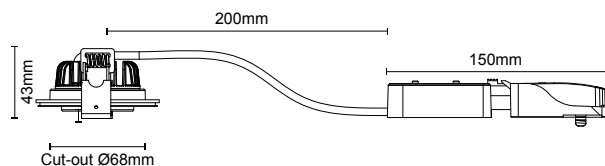
Applications

- Restaurants
- Hotels
- Offices
- Kitchens
- Corridors

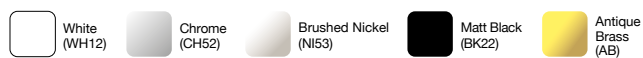


MEGAMAN® TEGO 3 FRD

FDS74600v0-dm/ds/sc

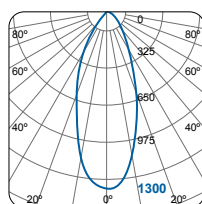


220-240V



Model No.	Wattage Selectable (W)	Luminous Flux (lm)	Lm/W	Beam Angle (°)	CD	Dimension (mm)	Cut-out (mm)	Colour Temp.	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 Switchable	50000	1-100%	Aluminium housing + Polycarbonate diffuser

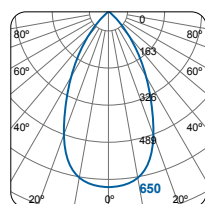
FDS73200v0-dm/db/sc+36°



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°

Accessory

LA8175/WH
Bezel
(White)LA8175/CH
Bezel
(Chrome)LA8175/NI
Bezel
(Brushed Nickel)LA8175/BK
Bezel
(Matt Black)LA8175/AB
Bezel
(Antique Brass)

MEGAMAN® FR-PRO

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



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 ultra-thin IP20 / IP65 bezel with twist-lock installation
- IP20 and IP65 bezel options available
- White, Black, Chrome, Nickel and Gold detachable bezel options

Accessory



LA8169
IP65 bezel



LA8168
IP20 bezel



Applications

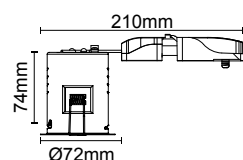
- Restaurants
- Hotels
- Offices
- Kitchens
- Corridors

MEGAMAN® FR-PRO

FDS74317v0



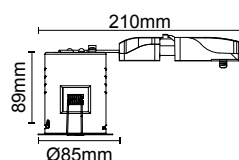
IP20 IP65



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	Accessories	IP	Accessories	IP
LA8168/WH	20	LA8169/WH	65	LA8167/WH	XL D110 IP65
LA8168/BK	20	LA8169/BK	65		
LA8168/CH	20	LA8169/CH	65		
LA8168/NI	20	LA8169/NI	65		
LA8168/AB	20	LA8169/AB	65		

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

Quick fit connector

MEGAMAN® MEGAquick

NEW

MEGAquick

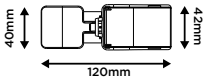
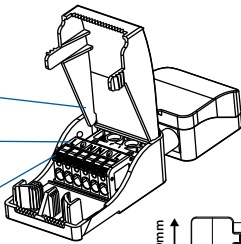


Quick fit connector - MEGAquick

Model No.	Series Name	Dimension (mm)	Description
LA6045 + LA6046	MEGAquick	L120 x W40 x W42	Quick fit connector

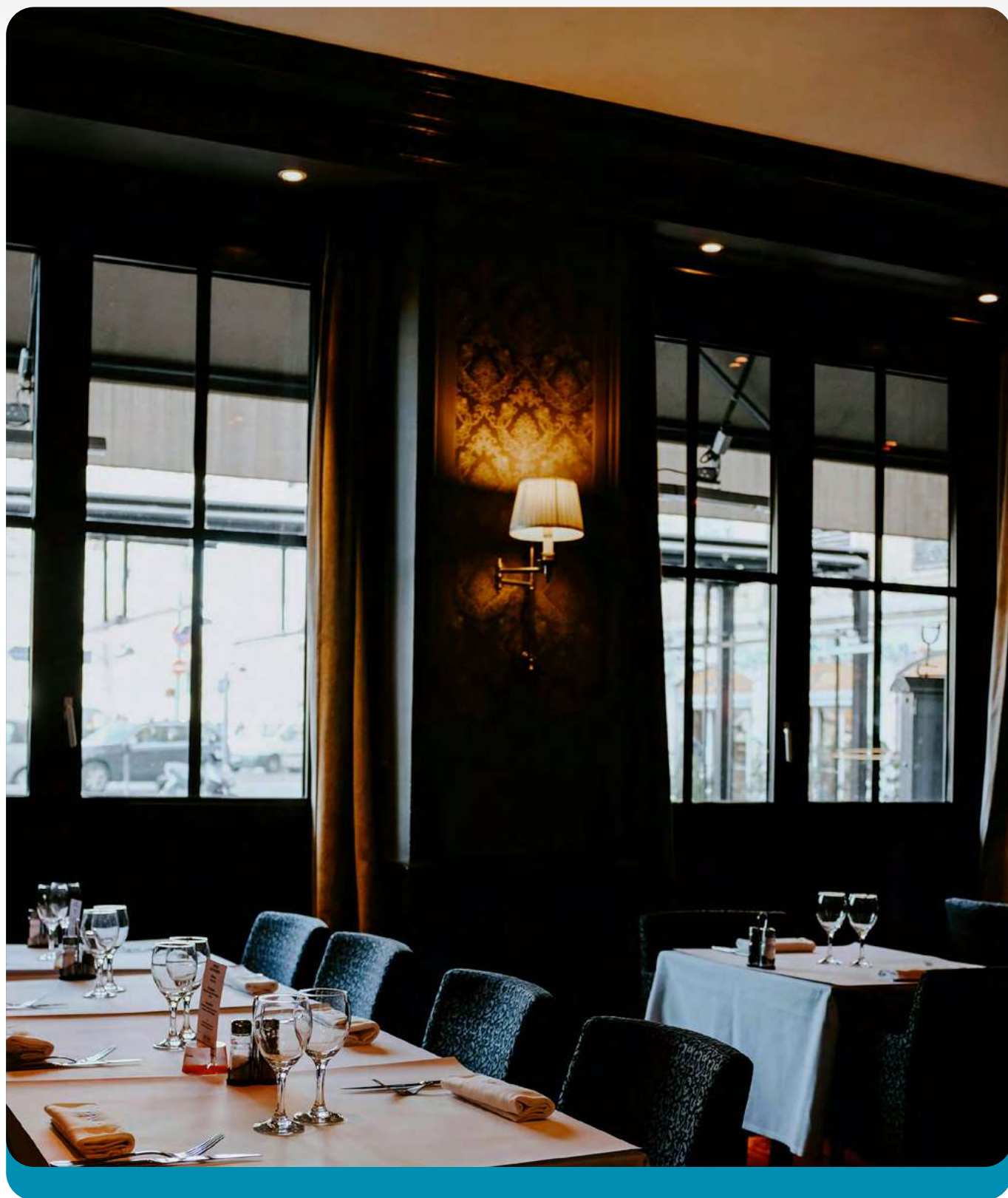
MEGAMAN®

- 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



Quick fit connector

MEGAMAN® MEGAquick



MEGAMAN® TEGO SLIM



MEGAMAN® TEGO SLIM

Fire Rated LED Downlight

MEGAMAN® TEGO SLIM provides fire protection that protects the integrity of the ceiling and prevents the spread of fire and smoke into the room above. MEGAMAN® TEGO SLIM is compliant to BS476 Part 21 and is designed to withstand fire for up to 30, 60 and 90 minutes. MEGAMAN® TEGO SLIM is a full fire-rated downlight comes with Universal dimming which caters both leading edge and trailing edge dimmer with linear dimming performance also with features of easy installation and stock management.

Features

- Fully comply to the building regulations requirement "Approved Document B" and fire tested in accordance with BS476-21
- Full fire-rated for 30, 60 and 90 minutes ceilings
- IP65 rated perfect to use in moisture area, e.g. bathroom
- Compact and Slim design, ideal for ceiling with limited depth
- Universal dimming (U-dim) caters both leading edge and trailing edge dimmer with linear dimming performance
- Flexible cord between luminaire and terminal block that facilitates easy installation
- Optional thermal insulation guard available for using under thermal ceiling installation
- Tool-less wiring installation with loop in/loop out quick connection
- Interchangeable bezel with 3 finishing (White, Chrome and Brushed Nickel) enable stock flexibility



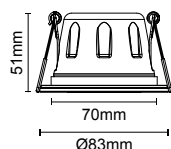
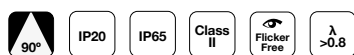
Applications

- Conference rooms
- Shops
- Restaurants
- Hotels
- Offices
- Corridors

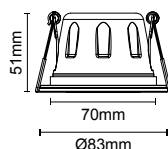
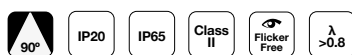


MEGAMAN® TEGO SLIM

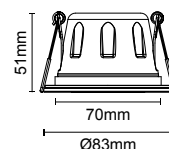
FDS73100v0-dm



FDS73100v0-dm-N152



FDS73100v0-dm-CH53

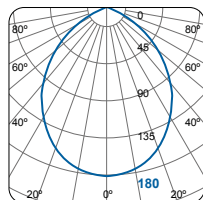


220-240V



Model No.	Wattage (W)	Luminous Flux (lm)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FDS73100v0-dm	5.5	450	90	Ø83 x 51	Ø70	2800K/4000K	25000	Metal + Plastic housing Plastic diffuser
FDS73100v0-dm-N152	5.5	450	90	Ø83 x 51	Ø70	2800K/4000K	25000	Metal + Plastic housing Plastic diffuser
FDS73100v0-dm-CH53	5.5	450	90	Ø83 x 51	Ø70	2800K/4000K	25000	Metal + Plastic housing Plastic diffuser

FDS73100v0-dm



m	Lux	Ø cm
0.5	720	100
1	180	200
1.5	80	300
2	45	400

Beam angle = 90°

Accessory



LA8125
Thermal Insulation Guard

Indoor Lighting / Integrated LED downlight

MEGAMAN® KANA 2

NEW



MEGAMAN® KANA 2

Integrated LED Downlight



IP40



Class II

30000 hrs



Indoor Lighting / Integrated LED downlight

MEGAMAN® 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



Applications

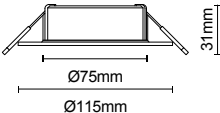
- Retailers
- Bathrooms
- Hotels
- Kitchens
- Offices
- Restaurants

MEGAMAN® KANA 2

FDM72300v0-sc



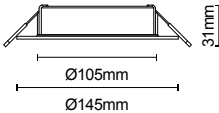
IP40 Class II Flicker Free



FDL74600v0-sc



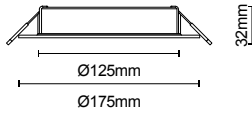
IP40 Class II Flicker Free



FDL74700v0-sc



IP40 Class II Flicker Free



220-240V

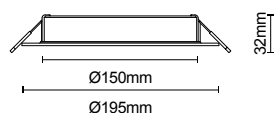
White (WH12)

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
FDM72300v0-sc	7	560 (3000K) 600 (4000K/6000K)	80 (3000K) 86 (4000K/6000K)	120	Ø115 x H31	Ø75-Ø90	3000/4000/6500K Selectable	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 Selectable	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 Selectable	35000	Plastic housing + PS diffuser

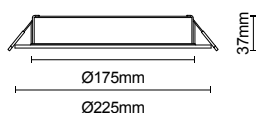
Indoor Lighting / Integrated LED downlight

MEGAMAN® KANA 2

FDL74800v0-sc



FDL74900v0-sc



220-240V

White
(WH12)

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
FDL74800v0-sc	19	1520 (3000K) 1700 (4000K/6000K)	80 (3000K) 89 (4000K/6000K)	120	Ø195 x H32	Ø150-Ø175	3000/4000/6500K Selectable	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 Selectable	35000	Plastic housing + PS diffuser

MEGAMAN® PLANEX



MEGAMAN® PLANEX
Downlight



MEGAMAN® PLANEX



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

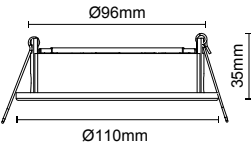
- Slim design with a recess depth of only 28mm for ultra low profile use
- Perfect for restricted spaces as well as conventional recessed applications
- Adjustable head ($\pm 20^\circ$ tilt angle) for a subtle directional effect
- Can be built in to furniture
- End user serviceable GX53 LED lamp
- Lamp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

Applications

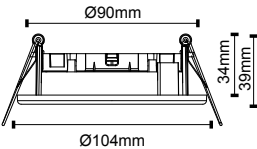
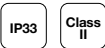
- Restricted depth recessed ceilings
- Moodlighting in both domestic and hospitality use
- Furniture lighting
- Kitchen cabinets

MEGAMAN® PLANEX

FDS70618v0



L0504RC



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

Max. 7W
LED GX53

MEGAMAN® PLANEX



MEGAMAN® MILENALITE



MEGAMAN® MILENALITE

Integrated LED Downlight



25000
hrs

IP20

Class
II



MEGAMAN® MILENALITE



MEGAMAN® MILENALITE

Integrated LED Downlight

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

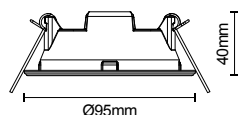
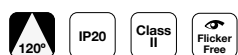


Applications

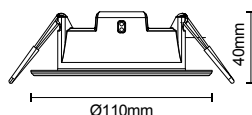
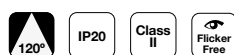
- Retails
- Bathrooms
- Hotels
- Kitchens
- Offices
- Restaurants

MEGAMAN® MILENALITE

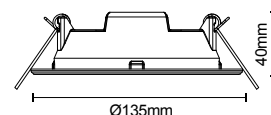
FDS72600v0



FDS72700v0



FDM71500v0



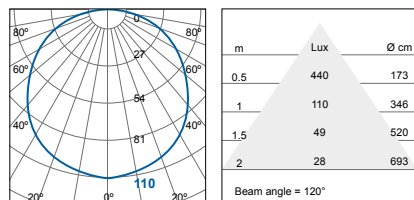
220-240V

White
(WH12)

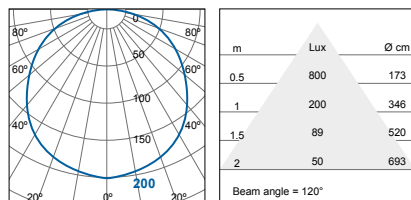
Diffuser

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
FDS72600v0	5	370 (3000K) 400 (4000K/6500K)	74 (3000K) 80 (4000K/6500K)	120	Ø95 x H40	Ø75	3000K/4000K/6500K	25000	Polycarbonate
FDS72700v0	7	520 (3000K) 560 (4000K/6500K)	74 (3000K) 80 (4000K/6500K)	120	Ø110 x H40	Ø90	3000K/4000K/6500K	25000	Polycarbonate
FDM71500v0	9	670 (3000K) 720 (4000K/6500K)	74 (3000K) 80 (4000K/6500K)	120	Ø135 x H40	Ø110	3000K/4000K/6500K	25000	Polycarbonate

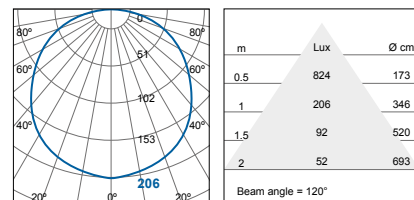
FDS72600v0



FDS72700v0

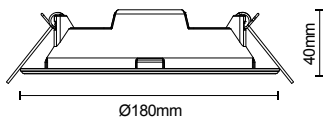
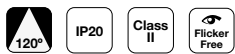


FDM71500v0

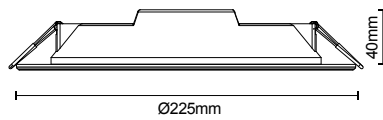
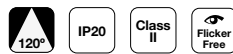


MEGAMAN® MILENALITE

FDL73400v0



FDL73500v0



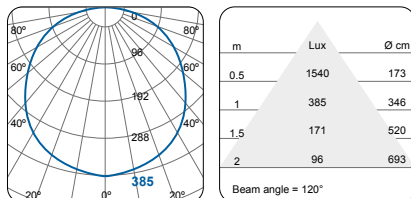
220-240V

 White
(WH12)

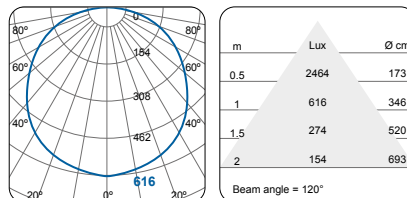
Diffuser

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
FDL73400v0	15	1200 (3000K) 1300 (4000K/6500K)	80 (3000K) 87 (4000K/6500K)	120	Ø180 x H40	Ø150	3000K/4000K/6500K	25000	Polycarbonate
FDL73500v0	22	1670 (3000K) 1800 (4000K/6500K)	76 (3000K) 82 (4000K/6500K)	120	Ø225 x H40	Ø200	3000K/4000K/6500K	25000	Polycarbonate

FDL73400v0

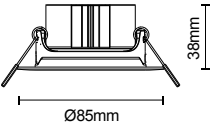


FDL73500v0



MEGAMAN® MILENALITE

FDS72800v0
FDS72800v1

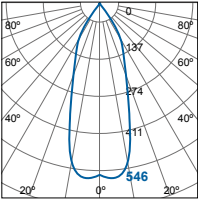


220-240V

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

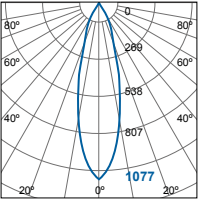
FDS72800v0



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

Beam angle = 36°

FDS72800v1

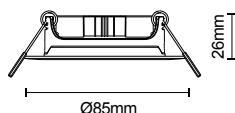
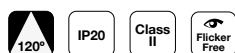


m	Lux	Ø cm
0.5	4308	32
1	1077	65
1.5	479	97
2	269	130

Beam angle = 36°

MEGAMAN® MILENALITE

FDS72900v0
FDS72900v1



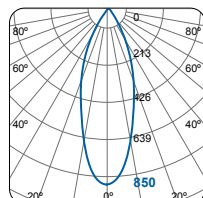
220-240V

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

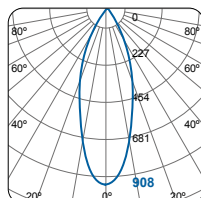
FDS72900v0



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°

Indoor Lighting / Integrated LED Downlight

MEGAMAN® KAYLA



MEGAMAN® KAYLA

Scenes Setting LED Downlight

IP20

Class II

Scenes Setting

λ >0.9


Flicker Free



MEGAMAN® KAYLA



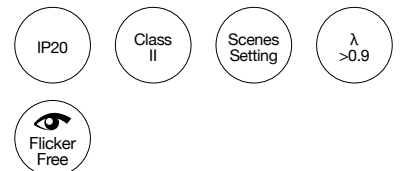
MEGAMAN® KAYLA

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 0.75mm², 1.0mm² and 1.5mm²
- Easy installation thanks for the build in cable clamp



Applications

- Hotels
- Corridors
- Bedroom
- Residential application

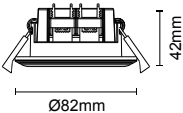
Indoor Lighting / Integrated LED Downlight

MEGAMAN® KAYLA

FDS72200v0-ss



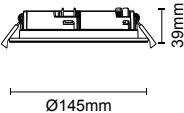
- IP20
- Class II
- Flicker Free



FDM71100v0-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
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



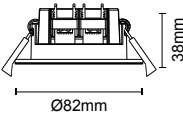
Indoor Lighting / Integrated LED Downlight

MEGAMAN® KAYLA

FDS72500v0-ss



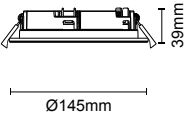
IP20 Class II Flicker Free



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



Indoor Lighting / High Bay

MEGAMAN® GEO 3

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



MEGAMAN® GEO 3 High Bay

DALI 2.0



DC0-10V



IP65



IK08

70000
hrs



MEGAMAN® 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 L80B50 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: 4000V (L-N) ; 6000V (L,N-PE)
- Operation temperature -30°C to +50°C



Applications

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

MEGAMAN® GEO 3



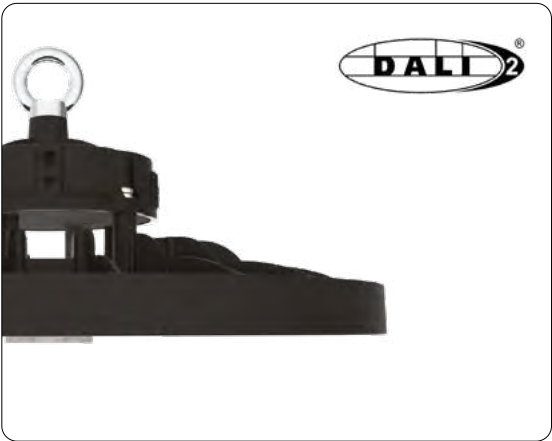
Microwave Sensor Module / Stand-By Dim Level



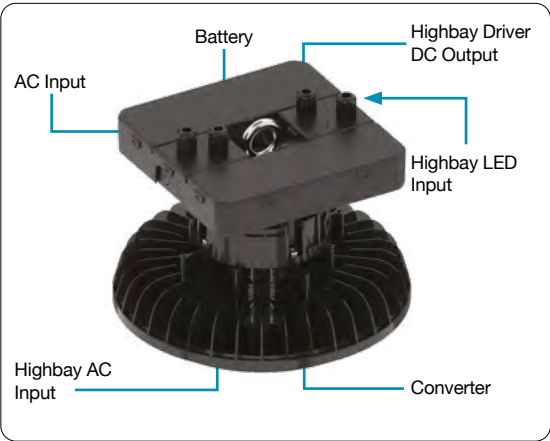
Selectable Lumen Output

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



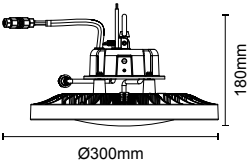
Emergency Kit for GEO 3



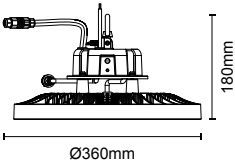
Indoor Lighting / High Bay

MEGAMAN® GEO 3

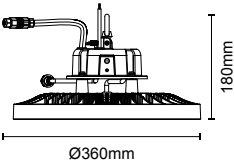
FHB72300v0-ds/dc



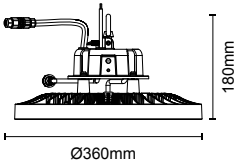
FHB72400v0-ds/dc



FHB72300v0-da



FHB72400v0-da



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	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	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



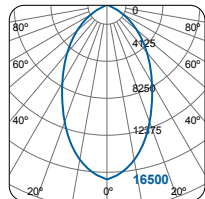
LA11234
Remote Control



LA11250
Battery

MEGAMAN® GEO 3

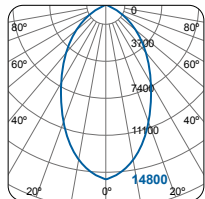
FHB71000v0-dc/ds+060D (150W)
FHB71000v0-da+060D (150W)



m	Lux	Ø cm
0.5	66000	58
1	16500	115
1.5	7333	173
2	4125	231

Beam angle = 60°

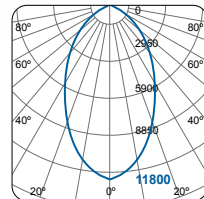
FHB71000v0-dc/ds+060D (125W)
FHB71000v0-da+060D (125W)



m	Lux	Ø cm
0.5	59200	58
1	14800	115
1.5	6578	173
2	3700	231

Beam angle = 60°

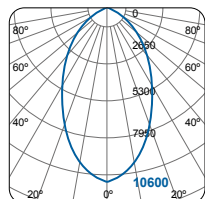
FHB71000v0-dc/ds+060D (100W)
FHB71000v0-da+060D (1100W)



m	Lux	Ø cm
0.5	47200	58
1	11800	115
1.5	5244	173
2	2950	231

Beam angle = 60°

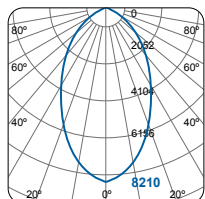
FHB71000v0-dc/ds+060D (90W)
FHB71000v0-da+060D (90W)



m	Lux	Ø cm
0.5	42400	58
1	10600	115
1.5	4711	173
2	2650	231

Beam angle = 60°

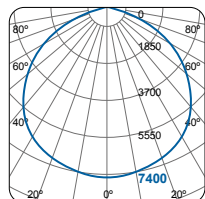
FHB71000v0-dc/ds+060D (70W)
FHB71000v0-da+060D (70W)



m	Lux	Ø cm
0.5	32840	58
1	8210	115
1.5	3649	173
2	2053	231

Beam angle = 60°

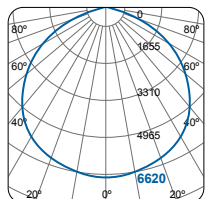
FHB71000v0-dc/ds+110D (150W)
FHB71000v0-da+110D (150W)



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

Beam angle = 110°

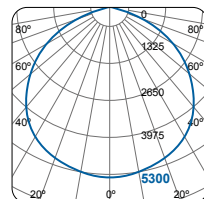
FHB71000v0-dc/ds+110D (125W)
FHB71000v0-da+110D (125W)



m	Lux	Ø cm
0.5	26780	143
1	6620	286
1.5	2942	428
2	1655	571

Beam angle = 110°

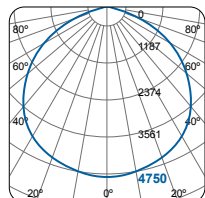
FHB71000v0-dc/ds+110D (100W)
FHB71000v0-da+110D (100W)



m	Lux	Ø cm
0.5	21200	143
1	5300	286
1.5	2356	428
2	1325	571

Beam angle = 110°

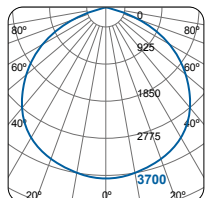
FHB71000v0-dc/ds+110D (90W)
FHB71000v0-da+110D (90W)



m	Lux	Ø cm
0.5	19000	143
1	4750	286
1.5	2111	428
2	1188	571

Beam angle = 110°

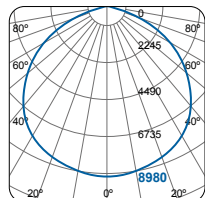
FHB71000v0-dc/ds+110D (70W)
FHB71000v0-da+110D (70W)



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

Beam angle = 110°

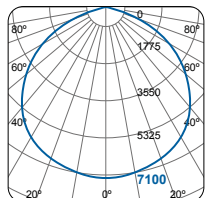
FHB71000v1-dc/ds+110D (165W)
FHB71000v1-da+110D (165W)



m	Lux	Ø cm
0.5	35920	143
1	8980	286
1.5	3991	428
2	2245	571

Beam angle = 110°

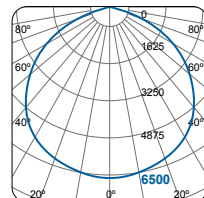
FHB71000v1-dc/ds+110D (125W)
FHB71000v1-da+110D (125W)



m	Lux	Ø cm
0.5	28400	143
1	7100	286
1.5	3156	428
2	1775	571

Beam angle = 110°

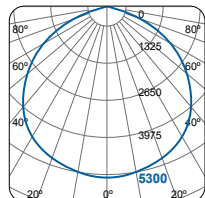
FHB71000v1-dc/ds+110D (115W)
FHB71000v1-da+110D (115W)



m	Lux	Ø cm
0.5	26000	143
1	6500	286
1.5	2889	428
2	1625	571

Beam angle = 110°

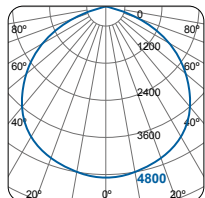
FHB71000v1-dc/ds+110D (90W)
FHB71000v1-da+110D (90W)



m	Lux	Ø cm
0.5	21200	143
1	5300	286
1.5	2356	428
2	1325	571

Beam angle = 110°

FHB71000v1-dc/ds+110D (80W)
FHB71000v1-da+110D (80W)

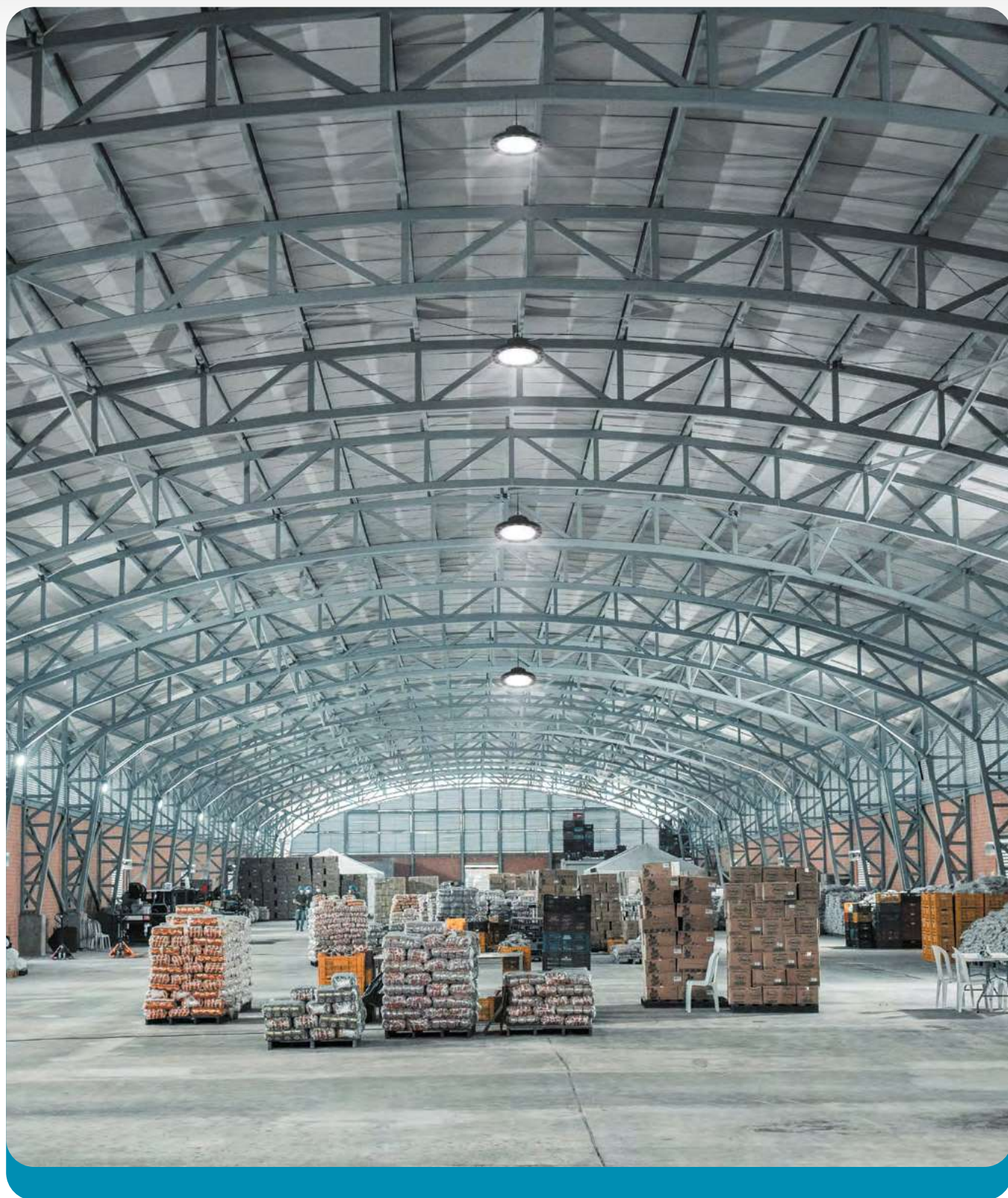


m	Lux	Ø cm
0.5	19200	143
1	4800	286
1.5	2133	428
2	1200	571

Beam angle = 110°

Indoor Lighting / High Bay

MEGAMAN® GEO 3



Indoor Lighting / High Bay

MEGAMAN® KEO 2

NEW

essentials MEGAMAN®
+ VALUE FOR MONEY + RELIABLE + EVERYDAY + LED FIXTURES +



MEGAMAN® KEO 2

High Bay



IP65

IK08

50000
hrs



λ
>0.9



MEGAMAN® KEO 2



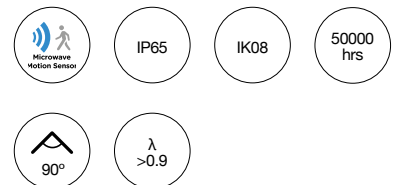
MEGAMAN® KEO 2

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.

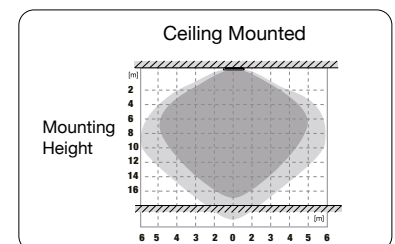
Features

- 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

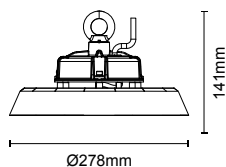
- High-ceiling areas
- Halls
- Warehouses
- General manufacturing



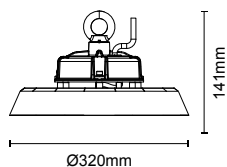
MEGAMAN® KEO 2 microwave sensor detects movement within around 5-6m radius horizontally and / or 10-12m vertically beneath sensor, and only lights up when movement detected for energy saving.

MEGAMAN® KEO 2

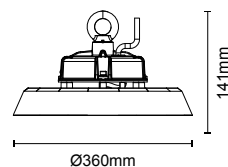
FHB72500v0-ds



FHB72600v0-ds



FHB72700v0-ds



220-240V

Black
(BK13)

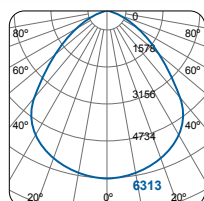
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FHB72500v0-ds	100/80/60	15500/12800/9900	155/160/165	90	Ø278 x H141	4000K	50000	0.9	Aluminium Diecast housing + Polycarbonate diffuser
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
SensorLA11207
Motion Sensor
Remote - ProLA11202
Motion Sensor
Remote - StandardLA11238
100W Alum
Reflector StandardLA11239
150W Alum
Reflector StandardLA11240
200W Alum
Reflector StandardLA11241
100W
PC ReflectorLA11242
150W
PC ReflectorLA11243
200W
PC ReflectorLA11237
Universal Rotatable
BracketLA11236
Safety
ChainLA11244
100W
Safe GuardLA11245
150W
Safe GuardLA11246
200W
Safe Guard

KEO 2 Photometric Data

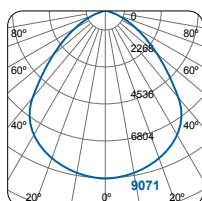
FHB72600v0-ds (80W)



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

Beam angle = 90°

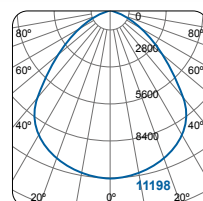
FHB72600v0-ds (120W)



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

Beam angle = 90°

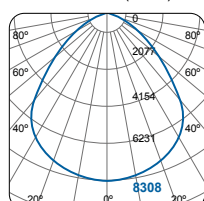
FHB72600v0-ds (150W)



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

Beam angle = 90°

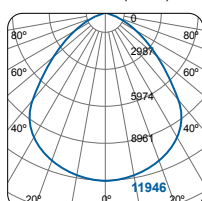
FHB72700v0-ds (100W)



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

Beam angle = 90°

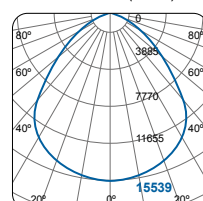
FHB72700v0-ds (150W)



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°



MEGAMAN® TONO 3

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®

MEGAMAN® TONO 3

Integrated LED Batten



Wattage
Selectable



CCT
Switchable



Up to
120
lm/W



Flicker
Free



50000
hrs

MEGAMAN® TONO 3



MEGAMAN® TONO 3

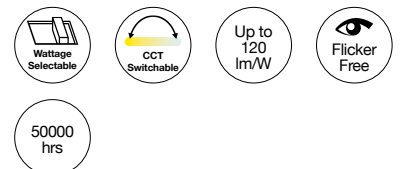
Integrated LED Batten

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

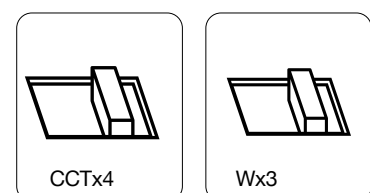
- MEGAMAN® TONO 3 is an integrated LED batten, as an ideal alternative to T5 and T8 fluorescent fittings
- Tri-Wattage and 4CCT switchable offers a variety of applications and flexibility
- UK BESA connection box compatible
- Flicker free
- Available in 5 different sizes, i.e.: 600mm, 900mm, 1200mm, 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

Optional mounting stand for surface cable wiring



Applications

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

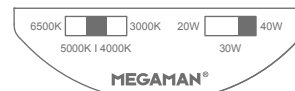


MEGAMAN® TONO 3

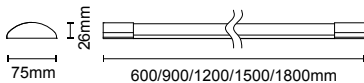
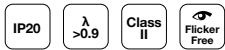
FIB79400v0-ds/sc

FIB79500v0-ds/sc

FIB79600v0-ds/sc



Tri-Wattage Version



220-240V

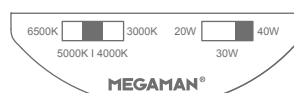
White
(WH12)

Tri-Wattage Version

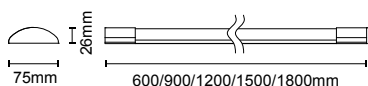
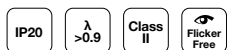
Model No.	Wattage Selectable (W)	Luminous Flux (lm)	Luminous Efficacy (lm/w)	Beam Angle (°)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Material
FIB79400v0-ds/sc	20/15/10	20W 2200lm (3000K) 20W 2400lm (4000K) 20W 2400lm (5000K) 20W 2200lm (6500K) 15W 1730lm (3000K) 15W 1850lm (4000K) 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 H26	3000K/4000K 5000K/6500K Switchable	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 H26	3000K/4000K 5000K/6500K Switchable	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 H26	3000K/4000K 5000K/6500K Switchable	50000	Polycarbonate

MEGAMAN® TONO 3

FIB79700v0-ds/sc
FIB79800v0-ds/sc



Tri-Wattage Version



220-240V

White
(WH12)

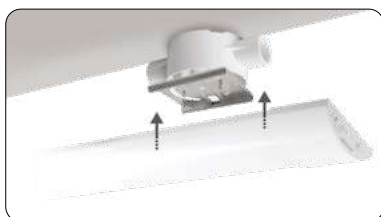
Tri-Wattage Version

Model No.	Wattage Selectable (W)	Luminous Flux (lm)	Luminous Efficacy (lm/w)	Beam Angle (°)	Dimension (mm)	Colour Temp.	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 H26	3000K/4000K 5000K/6500K Switchable	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 H26	3000K/4000K 5000K/6500K Switchable	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

MEGAMAN® TONO 3

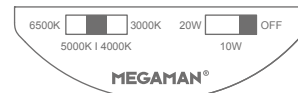
FIB79400v0-ds/os/sc

FIB79500v0-ds/os/sc

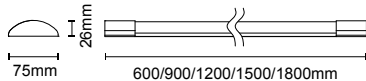
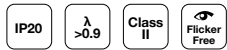
FIB79600v0-ds/os/sc

FIB79700v0-ds/os/sc

FIB79800v0-ds/os/sc



ON/OFF Switch Version



220-240V

 White (WH12)

ON/OFF Switch Version

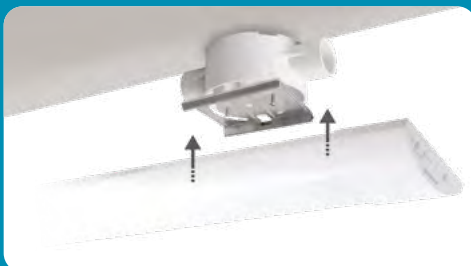
Model No.	Wattage Selectable (W)	Luminous Flux (lm)	Luminous Efficacy (lm/w)	Beam Angle (°)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Material
FIB79400v0-os/sc	20/10	20W 2200lm (3000K) 20W 2400lm (4000K) 20W 2400lm (5000K) 20W 2200lm (6500K) 10W 1200lm (3000K) 10W 1250lm (4000K) 10W 1250lm (5000K) 10W 1200lm (6500K)	110 120 120 110 120 125 125 120	110	L600 x W75 x H26	3000K/4000K 5000K/6500K Switchable	50000	Polycarbonate
FIB79500v0-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 H26	3000K/4000K 5000K/6500K Switchable	50000	Polycarbonate
FIB79600v0-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 H26	3000K/4000K 5000K/6500K Switchable	50000	Polycarbonate
FIB79700v0-os/sc	50/30	50W 5500lm (3000K) 50W 6250lm (4000K) 50W 6250lm (5000K) 50W 5750lm (6500K) 30W 3450lm (3000K) 30W 4050lm (4000K) 30W 4050lm (5000K) 30W 3750lm (6500K)	110 125 125 115 120 135 135 125	110	L1500 x W75 x H26	3000K/4000K 5000K/6500K Switchable	50000	Polycarbonate
FIB79800v0-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 H26	3000K/4000K 5000K/6500K Switchable	50000	Polycarbonate

MEGAMAN® 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

MEGAMAN® FARRON



MEGAMAN® FARRON

Integrated LED Batten

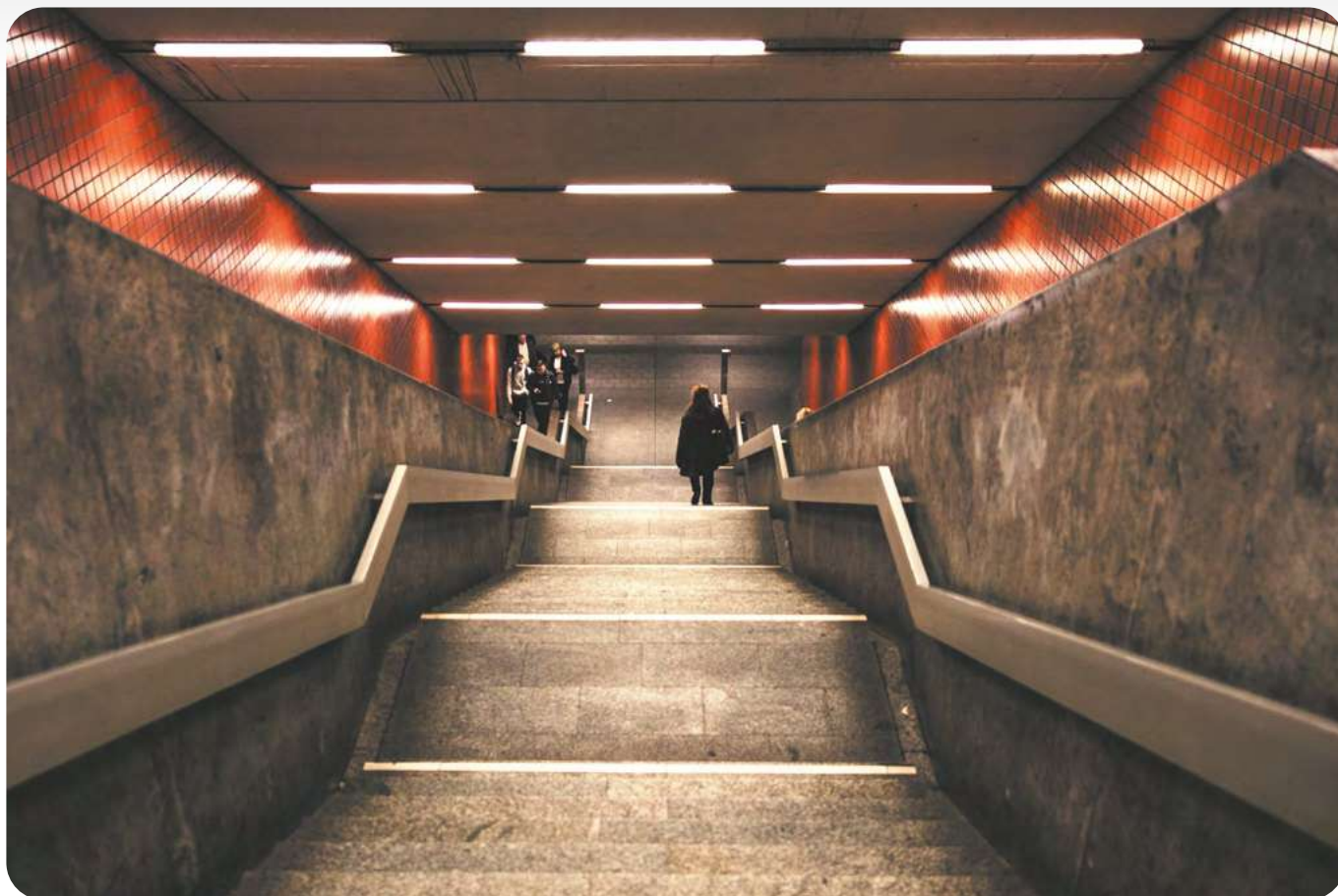


Standard Version



Emergency Version

MEGAMAN® FARRON



MEGAMAN® FARRON

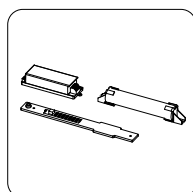
Integrated LED Batten

MEGAMAN® FARRON is a basic solution for general lighting that provide quality of light, substantial energy and maintenance saving. It is an ideal replacement for conventional indoor batten with optional features of built in microwave sensor and 3 hour emergency kit to provide functional flexibility with a consistent outlook.

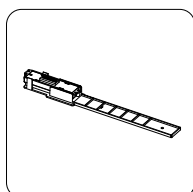
Features

- Direct 1 to 1 replacement of conventional indoor batten in LED solution
- Slim and versatile outlook
- 2-step lumen output in one fitting
- 0-10V dimming available
- Built in Microwave sensor & emergency kit provide a consistent outlook with standard version
- White powder coating
- Capable to connect with conduit at both end by Ø25mm knockout
- Click in opal diffuser into metal mounting base
- Easy and tool-less installation & wiring
- Selectable lumen, Sensor & Emergency kit options available
- Capable to mount in UK Beza box

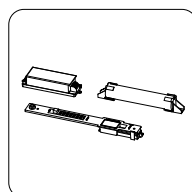
Accessory



LA11161
Emergency module



LA11162
Microwave Motion
Sensor



LA11163
Microwave Motion Sensor
Emergency module



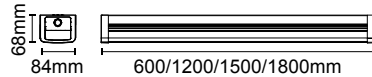
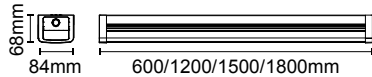
Applications

- Residential lighting
- Schools
- Public area
- Factories
- Corridors
- Warehouse

MEGAMAN® FARRON

FIB73500v0-ds
FIB73600v0-ds
FIB73700v0-ds
FIB73800v0-ds

FIB73500v0-ds/ms
FIB73600v0-ds/ms
FIB73700v0-ds/ms
FIB73800v0-ds/ms

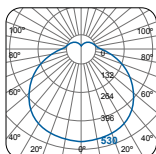


220-240V

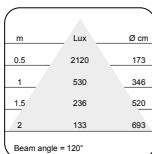
White
(WH12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C	Materials
Standard Version							
FIB73500v0-ds	10/21	930/1950 (3000K) 1000/2100 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	L600 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73600v0-ds	20/40	1850/3700 (3000K) 2000/4000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	L1200 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73700v0-ds	22/52	2400/4800 (3000K) 2600/5200 (4000K/6500K)	109/92 (3000K) 118/100 (4000K/6500K)	L1500 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73800v0-ds	26/52	3100/5900 (3000K) 3400/6400 (4000K/6500K)	119/113 (3000K) 131/123 (4000K/6500K)	L1800 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
With Microwave Sensor							
FIB73500v0-ds/ms	10/21	930/1950 (3000K) 1000/2100 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	L600 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73600v0-ds/ms	20/40	1850/3700 (3000K) 2000/4000 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	L1200 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73700v0-ds/ms	22/52	2400/4800 (3000K) 2600/5200 (4000K/6500K)	109/92 (3000K) 118/100 (4000K/6500K)	L1500 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73800v0-ds/ms	26/52	3100/5900 (3000K) 3400/6400 (4000K/6500K)	119/113 (3000K) 131/123 (4000K/6500K)	L1800 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser

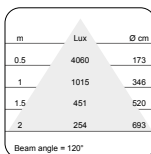
FIB73500v0-ds
FIB73500v0-ds/ms



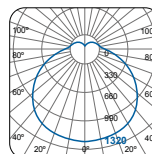
FIB73600v0-ds
FIB73600v0-ds/ms



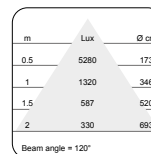
FIB73700v0-ds
FIB73700v0-ds/ms



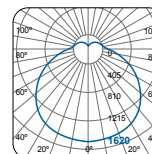
FIB73800v0-ds
FIB73800v0-ds/ms



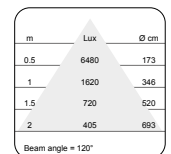
FIB73500v0-ds
FIB73500v0-ds/ms



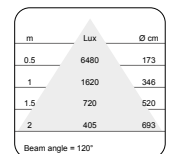
FIB73600v0-ds
FIB73600v0-ds/ms



FIB73700v0-ds
FIB73700v0-ds/ms



FIB73800v0-ds
FIB73800v0-ds/ms



* Operation temperature from -30°C to +45°C; White models emergency modular is 0°C to +35°C

MEGAMAN® FARRON

FIB73500v0-ds/em
FIB73600v0-ds/em
FIB73700v0-ds/em
FIB73800v0-ds/em



FIB73500v0-ds/em/ms
FIB73600v0-ds/em/ms
FIB73700v0-ds/em/ms
FIB73800v0-ds/em/ms

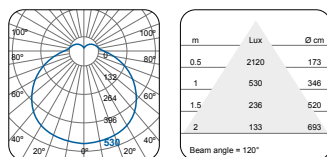


220-240V

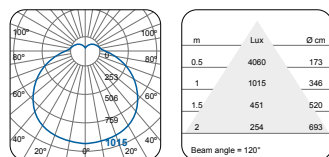
White
(WH12)

Model No.		Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C	Materials
With Emergency								
FIB73500v0-ds/em		14/25	930/1950 (3000K) 1000/2100 (4000K/6500K)	66/78 (3000K) 71/84 (4000K/6500K)	L600 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73600v0-ds/em		24/44	1850/3700 (3000K) 2000/4000 (4000K/6500K)	77/84 (3000K) 83/91 (4000K/6500K)	L1200 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73700v0-ds/em		26/56	2400/4800 (3000K) 2600/5200 (4000K/6500K)	92/86 (3000K) 100/93 (4000K/6500K)	L1500 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73800v0-ds/em		30/56	3100/5900 (3000K) 3400/6400 (4000K/6500K)	103/105 (3000K) 113/114 (4000K/6500K)	L1800 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
With Microwave Sensor								
FIB73500v0-ds/em/ms		14/25	930/1950 (3000K) 1000/2100 (4000K/6500K)	66/78 (3000K) 71/84 (4000K/6500K)	L600 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73600v0-ds/em/ms		24/44	1850/3700 (3000K) 2000/4000 (4000K/6500K)	77/84 (3000K) 83/91 (4000K/6500K)	L1200 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73700v0-ds/em/ms		26/56	2400/4800 (3000K) 2600/5200 (4000K/6500K)	92/86 (3000K) 100/93 (4000K/6500K)	L1500 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser
FIB73800v0-ds/em/ms		30/56	3100/5900 (3000K) 3400/6400 (4000K/6500K)	103/105 (3000K) 113/114 (4000K/6500K)	L1800 x W84 x H68	3000K/4000K/6500K	50000	Steel housing + Polycarbonate diffuser

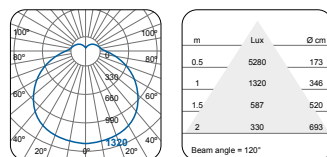
FIB73500v0-ds/em
FIB73500v0-ds/em/ms



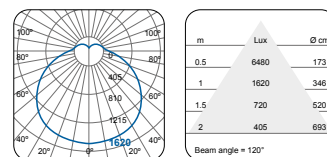
FIB73600v0-ds/em
FIB73600v0-ds/em/ms



FIB73700v0-ds/em
FIB73700v0-ds/em/ms



FIB73800v0-ds/em
FIB73800v0-ds/em/ms



* Operation temperature from -30°C to +45°C; White models emergency modular is 0°C to +35°C

MEGAMAN® GARRON 2

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



MEGAMAN® GARRON 2

Integrated LED Batten

IP20



50000
hrs



MEGAMAN® 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

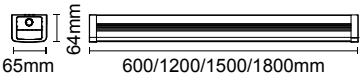


Applications

- Residential lighting
- Schools
- Factories
- Corridors
- Warehouses

MEGAMAN® GARRON 2

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



220-240V

White (WH12)

Model No.	Wattage Selectable (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp.	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 Switchable	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 Switchable	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 Switchable	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 Switchable	110	L1800 x W64 x H65	50000	Metal housing + PC diffuser

Accessory



LA10243
Motion Sensor Module for
GARRON 2 and ROCCA 2



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

MEGAMAN® GARRON 2



MEGAMAN® PINOLITE 3

NEW



MEGAMAN® PINOLITE 3

Integrated LED Batten



MEGAMAN® PINOLITE 3



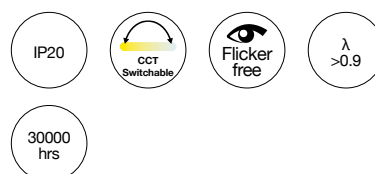
MEGAMAN® PINOLITE 3

Integrated LED Batten

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 134lm/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
- Offers various lengths for flexible solutions: 0.3m, 0.6m, 0.9m, 1.2m and 1.5m
- 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 90° 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



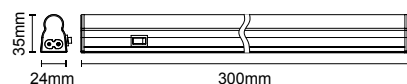
Extension connector



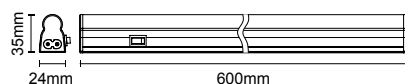
15cm patch cord to cater angular connection

MEGAMAN® PINOLITE 3

FIB75500v0



FIB75600v0



FIB75700v0

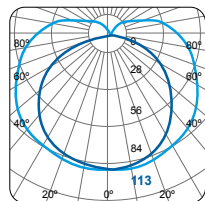


220-240V

White
(WH13)

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)	Power Factor (λ)	Material
FIB75500v0	5	550 (3000K) 600 (4000K/6500K)	110 (3000K) 120 (4000K/6500K)	150	L300 x W24 x H35	3000K/4000K/6500K	30000	>0.9	Polycarbonate housing + Polycarbonate diffuser
FIB75600v0	9	1000 (3000K) 1100 (4000K/6500K)	111 (3000K) 122 (4000K/6500K)	150	L600 x W24 x H35	3000K/4000K/6500K	30000	>0.9	Polycarbonate housing + Polycarbonate diffuser
FIB75700v0	13	1500 (3000K) 1650 (4000K/6500K)	115 (3000K) 127 (4000K/6500K)	150	L900 x W24 x H35	3000K/4000K/6500K	30000	>0.9	Polycarbonate housing + Polycarbonate diffuser

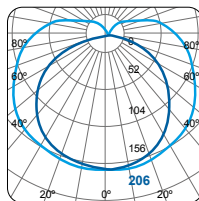
FIB75500v0 (3000K)



m	Lux	Ø cm
0.5	452	373
1	113	746
1.5	50	1120
2	28	1493

Beam angle = 150°

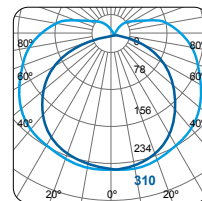
FIB75600v0 (3000K)



m	Lux	Ø cm
0.5	824	373
1	206	746
1.5	92	1120
2	52	1493

Beam angle = 150°

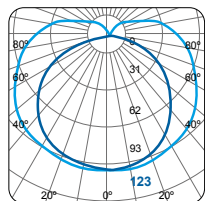
FIB75700v0 (3000K)



m	Lux	Ø cm
0.5	1240	373
1	310	746
1.5	138	1120
2	78	1493

Beam angle = 150°

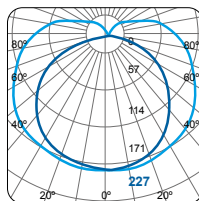
FIB75500v0 (4000K / 6500K)



m	Lux	Ø cm
0.5	492	373
1	123	746
1.5	55	1120
2	31	1493

Beam angle = 150°

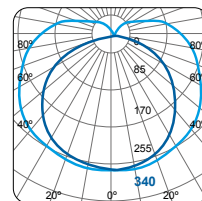
FIB75600v0 (4000K / 6500K)



m	Lux	Ø cm
0.5	908	373
1	227	746
1.5	101	1120
2	57	1493

Beam angle = 150°

FIB75700v0 (4000K / 6500K)

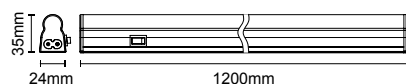


m	Lux	Ø cm
0.5	1360	373
1	340	746
1.5	151	1120
2	85	1493

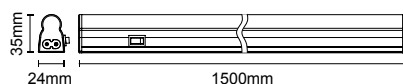
Beam angle = 150°

MEGAMAN® PINOLITE 3

FIB75800v0



FIB75900v0

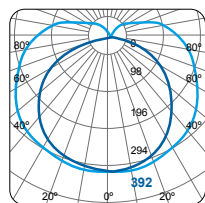


220-240V

White
(WH13)

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)	Power Factor (λ)	Material
FIB75800v0	16	1900 (3000K) 2150 (4000K/6500K)	119 (3000K) 134 (4000K/6500K)	150	L1200 x W24 x H35	3000K/4000K/6500K	30000	>0.9	Polycarbonate housing + Polycarbonate diffuser
FIB75900v0	21	2400 (3000K) 2600 (4000K/6500K)	114 (3000K) 124 (4000K/6500K)	150	L1500 x W24 x H35	3000K/4000K/6500K	30000	>0.9	Polycarbonate housing + Polycarbonate diffuser

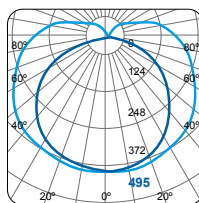
FIB75800v0 (3000K)



m	Lux	Ø cm
0.5	1568	373
1	392	746
1.5	174	1120
2	98	1493

Beam angle = 150°

FIB75900v0 (3000K)



m	Lux	Ø cm
0.5	1980	373
1	495	746
1.5	220	1120
2	124	1493

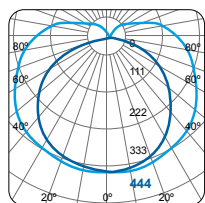
Beam angle = 150°

Default Accessory



Extension connector x 1, raw plug x 1 and mounting kit (mounting clips x 2, screws x 2, expansion screws x 2)

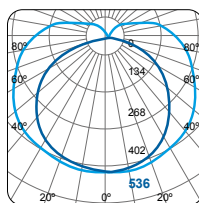
FIB75800v0 (4000K / 6500K)



m	Lux	Ø cm
0.5	1776	373
1	444	746
1.5	197	1120
2	111	1493

Beam angle = 150°

FIB75900v0 (4000K / 6500K)



m	Lux	Ø cm
0.5	2144	373
1	536	746
1.5	238	1120
2	134	1493

Beam angle = 150°

Optional Accessory:



LA8126
Adjustable mounting clip



LA8132
15cm Patch cord

LA8130
1.8m EU plug Power cord

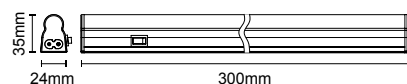
LA8131
1.8m UK plug Power cord

MEGAMAN® PINOLITE 3

FIB75500v1-pt



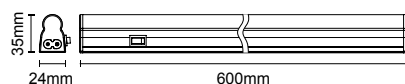
IP20 Class II Flicker Free



FIB75600v1-pt



IP20 Class II Flicker Free



FIB75600v1-pt



IP20 Class II Flicker Free



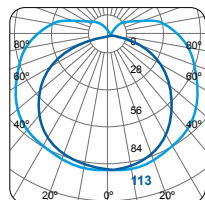
220-240V

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)	IP Rating	Material
FIB75500v1-pt	5	10*	2*	150	L300 x W24 x H35	30000	IP20	Polycarbonate housing + Polycarbonate diffuser
FIB75600v1-pt	9	18*	2*	150	L600 x W24 x H35	30000	IP20	Polycarbonate housing + Polycarbonate diffuser
FIB75800v1-pt	16	32*	2*	150	L1200 x W24 x H35	30000	IP20	Polycarbonate housing + Polycarbonate diffuser

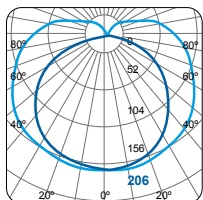
FIB75500v1-pt



m	Lux	Ø cm
0.5	452	373
1	113	746
1.5	50	1120
2	28	1493

Beam angle = 150°

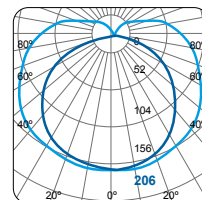
FIB75600v1-pt



m	Lux	Ø cm
0.5	824	373
1	206	746
1.5	92	1120
2	52	1493

Beam angle = 150°

FIB75800v1-pt



m	Lux	Ø cm
0.5	824	373
1	206	746
1.5	92	1120
2	52	1493

Beam angle = 150°



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.

MEGAMAN® PINOLITE 3



MEGAMAN® BRUNO

NEW



MEGAMAN® BRUNO

Integrated LED batten



IP44



30000
hrs



MEGAMAN® 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

- Eco-design version with replaceable light source and control gear
- 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

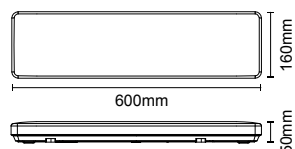


Applications

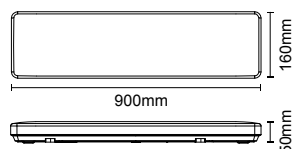
- Bathroom
- Bedroom
- Residential application
- Hotels

MEGAMAN® BRUNO

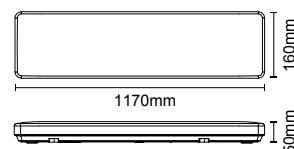
FIB81500v0
FIB78600v0



FIB81600v0
FIB78700v0



FIB81700v0
FIB78800v0



220-240V



White
(WH12)

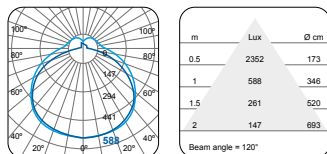
Replaceable light source and control gear version

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

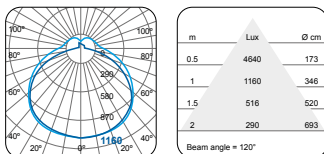
Standard version

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

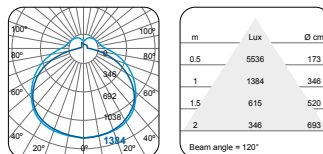
FIB81500v0-4000K/6500K
FIB78600v0-4000K/6500K



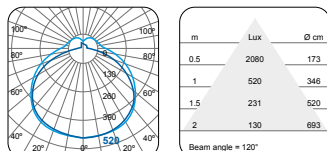
FIB81600v0-4000K/6500K
FIB78700v0-4000K/6500K



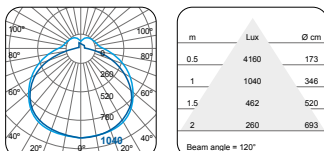
FIB81700v0-4000K/6500K
FIB78800v0-4000K/6500K



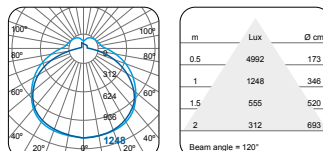
FIB81500v0-3000K
FIB78600v0-3000K



FIB81600v0-3000K
FIB78700v0-3000K



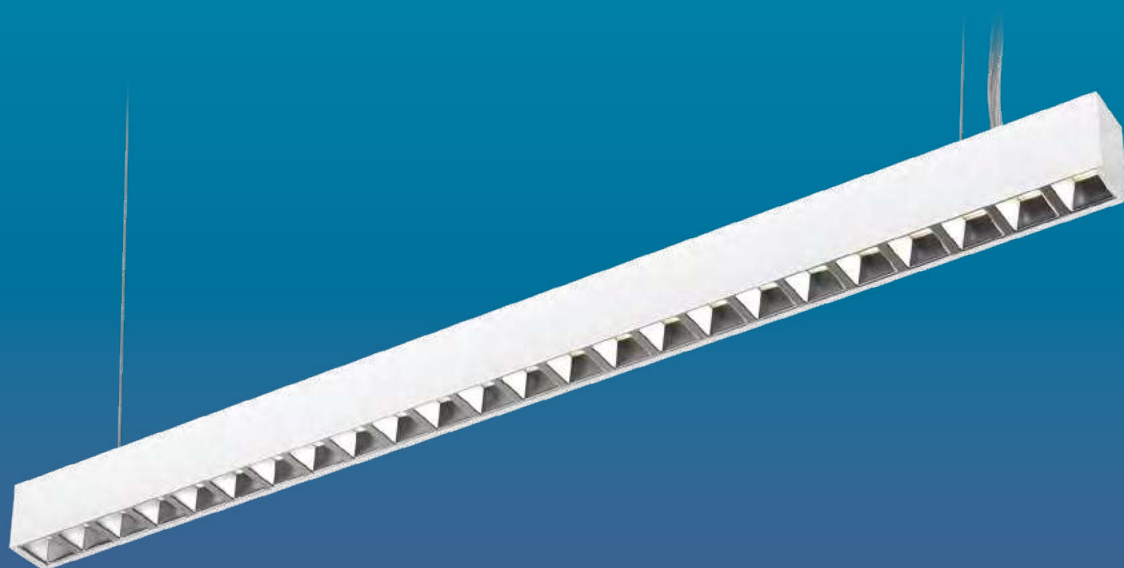
FIB81700v0-3000K
FIB78800v0-3000K



MEGAMAN® BRUNO



MEGAMAN® GABIO 2



MEGAMAN® GABIO 2

LED Linear Profile

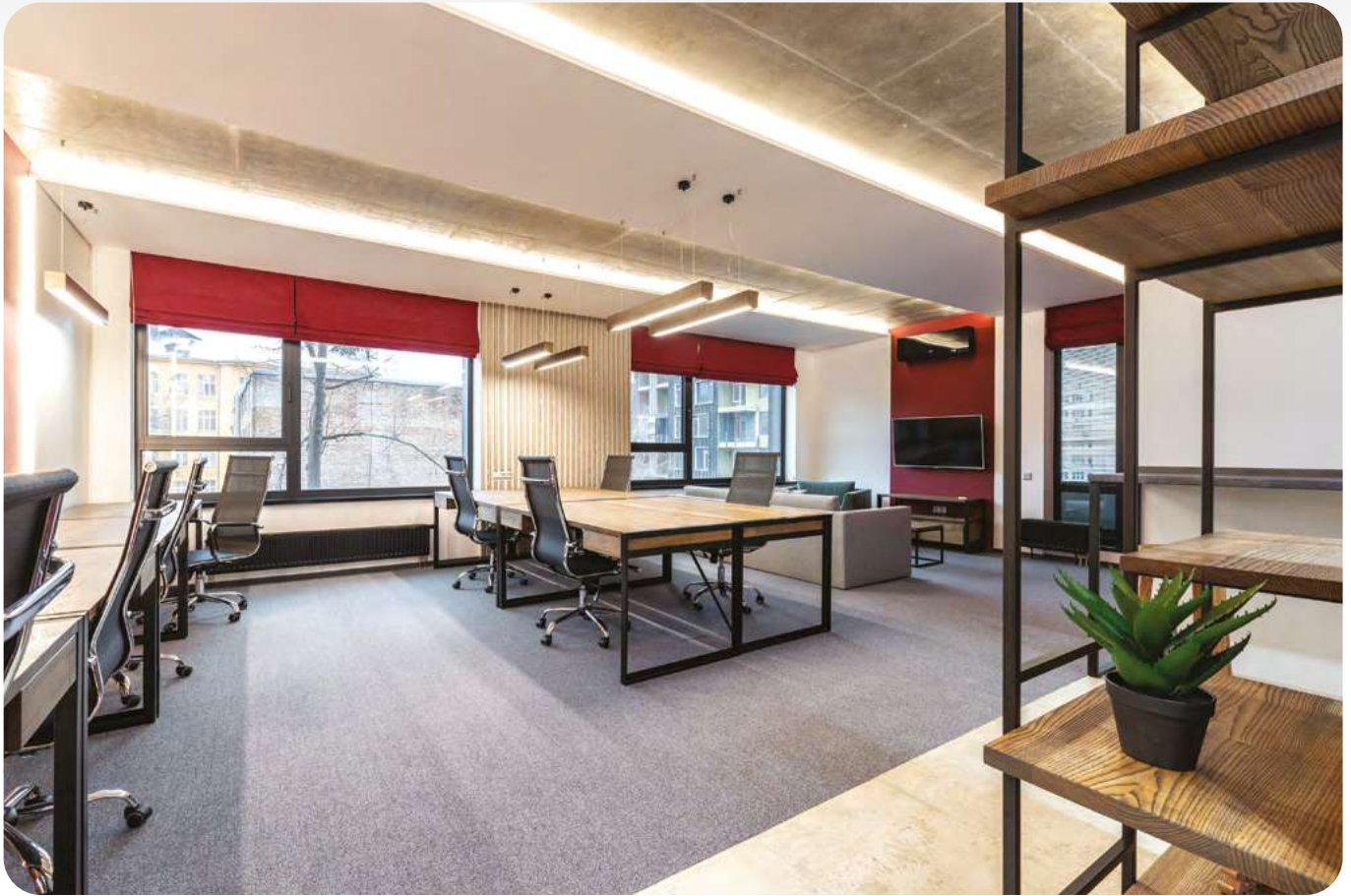
UGR
≤19

IP20

λ
>0.9

50000
hrs

MEGAMAN® 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

Accessory



LA6044
Connector kit



LA6050
L Connector



LA6051
T Connector



LA6052
X Connector

UGR
≤19

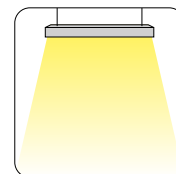
IP20

λ
>0.9

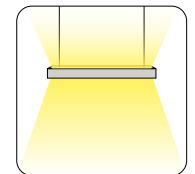
50000
hrs

Applications

- Offices
- Schools
- Department stores
- Commercial applications



Direct lighting



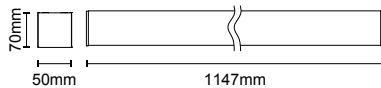
Direct-indirect lighting

MEGAMAN® GABIO 2

FLP70400v0-ds/sc
FLP70400v0-da/sc



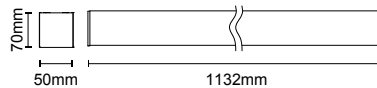
UGR ≤ 19 IP20 Class I $\lambda > 0.9$



FLP70500v0-ds/sc
FLP70500v0-da/sc



UGR ≤ 19 IP20 Class I $\lambda > 0.9$



220-240V

Silver
(SV61)

Direct Light Distribution

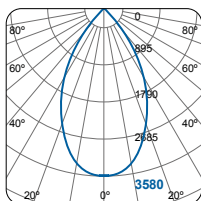
ON/OFF Version

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	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	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

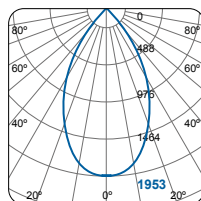
FLP70400v0-ds/sc (29W)



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

Beam angle = 65°

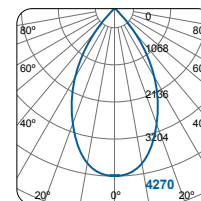
FLP70400v0-ds/sc (16W)



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

Beam angle = 65°

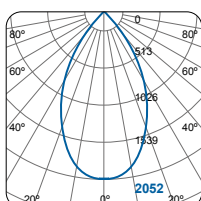
FLP70500v0-ds/sc (35W)



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

Beam angle = 65°

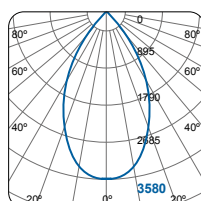
FLP70500v0-ds/sc (18W)



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

Beam angle = 65°

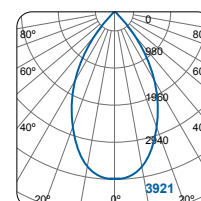
FLP70400v0-da/sc (29W)



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°

MEGAMAN® GABIO 2



MEGAMAN® BERTO SIDELIT



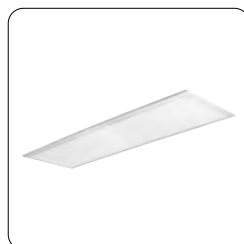
MEGAMAN® BERTO SIDELIT

LED Panel



UGR
≤19

50000
hrs



MEGAMAN® 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 $UGR \leq 19$ and $UGR \leq 22$ avoid eye strain & discomfort
- Microprismatic diffuser options with $UGR \leq 19$, 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

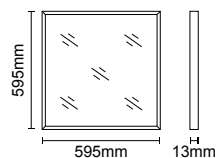
Screwless Assembly Design



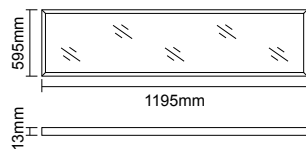
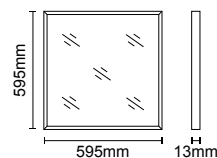
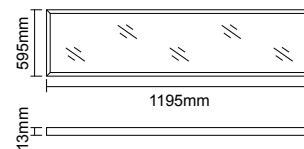
Screwless design which reach IP40 rating

MEGAMAN® BERTO SIDELIT

FPL70300v1ex+LD226036-C0950



FPL70700v1-ex+LD226036-C0950

FPL70400v3-ex+LD226036-C0950
FPL70400v4-ex/tb+LD230036/mc-C0950FPL70500v1-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	Aluminium housing + PMMA LGP
FPL70700v1-ex+LD226036-C0950	950	32.4	36	3350 (3000K) 3600 (4000K/6500K)	93 (3000K) 100 (4000K/6500K)	90	W1195 x L595 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 L595 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 L595 x H13	3000K/4000K/6500K	50000 L70B50 at Ta25°C	Aluminium housing + PS

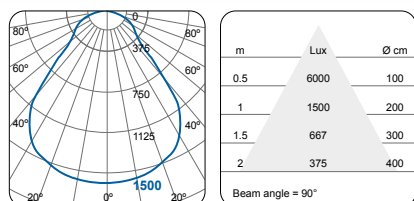
Accessory

LA6039
Loophthrough adaptor for
LD230036/mc-C0950
LD226036-C0750LA10139
Surface Mounting frame
600 x 600mmLA10140
Surface Mounting frame
620 x 620mmLA10141
Surface Mounting frame
1200 x 300mmLA10120
Safety kit, including
1.0m safety cable x1
V shape hooker x1
Screw ST4*9 x2LA10121
Suspension kit, including
1.8m Type I cable x4
V shape hooker x4
Screw ST4*9 x8

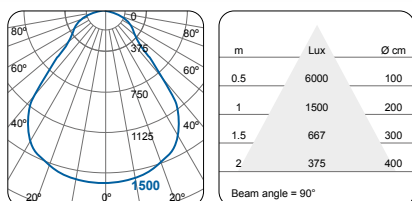
MEGAMAN® BERTO SIDELIT

BERTO SIDELIT Photometric Data

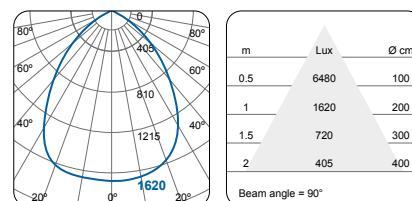
FPL70300v1-ex+LD226036-C0950



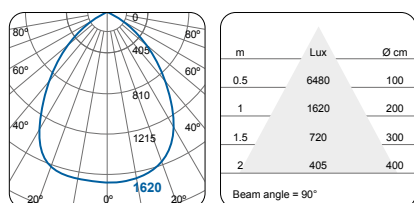
FPL70400v3-ex+LD226036-C0950



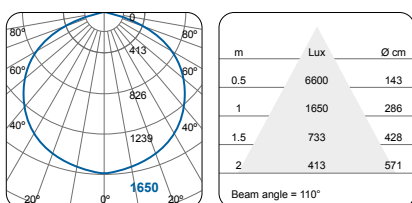
FPL70500v1-ex+LD226036-C0950



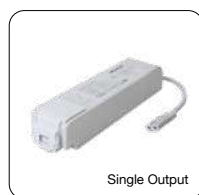
FPL70700v1-ex+LD226036-C0950



FPL72800v0-ex/tb+LD227054-C1300



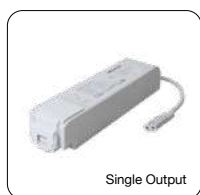
LD226036-C0950



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)

MEGAMAN® ESTELA 2



MEGAMAN® ESTELA 2

LED Panel



MEGAMAN® ESTELA 2



MEGAMAN® ESTELA 2

LED Panel

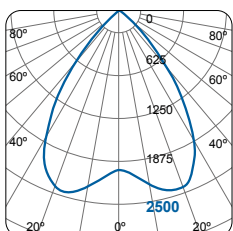
Features

- 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

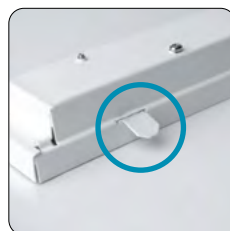
- Offices
- Department stores
- Schools



Double asymmetric photometric distribution for maximum uniformity



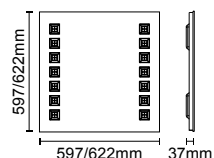
I-beam construction at the back plate for reinforcing the structural robustness and ensuring flatness of panel



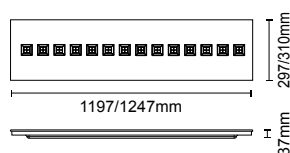
Interlocking system between the LED tray and metal plate

MEGAMAN® ESTELA 2

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



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



220-240V

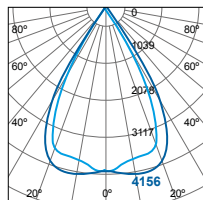
White
(WH26)

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

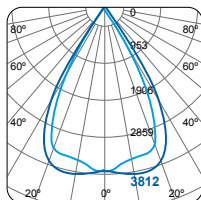


m	Lux	Ø cm
0.5	16624	77
1	4156	153
1.5	1847	230
2	1039	307

Beam angle = 75°

32W

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

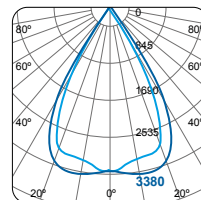


m	Lux	Ø cm
0.5	16624	77
1	4156	153
1.5	1847	230
2	1039	307

Beam angle = 75°

28W

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

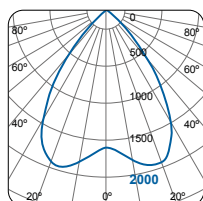


m	Lux	Ø cm
0.5	13520	77
1	3380	153
1.5	1502	230
2	845	307

Beam angle = 75°

24W

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

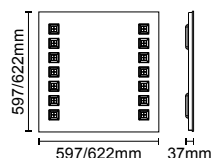


m	Lux	Ø cm
0.5	11920	77
1	2980	153
1.5	1324	230
2	745	307

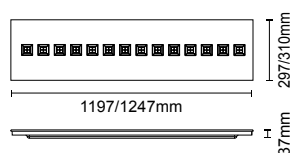
Beam angle = 75°

MEGAMAN® ESTELA 2

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



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



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

MEGAMAN® BERTO BACKLIT



MEGAMAN® BERTO BACKLIT

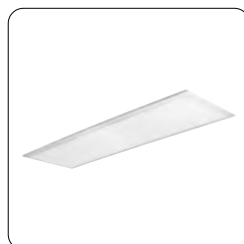
LED Panel



UGR
≤19

Up to
120
lm/W

50000
hrs



MEGAMAN® BERTO BACKLIT



MEGAMAN® BERTO BACKLIT

LED Panel

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 $UGR \leq 19^*$ and $UGR \leq 22$ avoid eye strain & discomfort
- Microprismatic diffuser options with $UGR \leq 19$, 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

* $UGR \leq 19$ valid for 4000K-3600/3200/2800lm, $UGR \leq 20$ for 4000lm



Applications

- Conference rooms
- Offices
- Classrooms
- Corridors

Flicker Free Performance



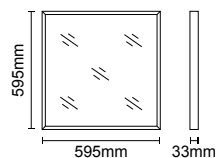
Other LED panel with flicker



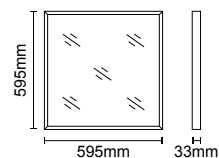
BERTO LED panel with flicker free and uniform lighting distribution

MEGAMAN® BERTO BACKLIT

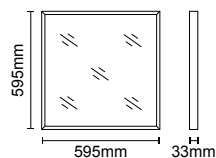
FPL71900v2ex+LD226036-C0800



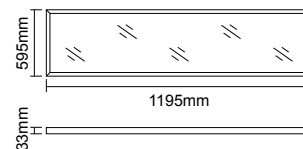
FPL71900v1-ex+LD230036/mc-C0950



FPL71800v0-ex/ta+LD226036-C0750



FPL73800v0-ex/ta+LD236046-C1100

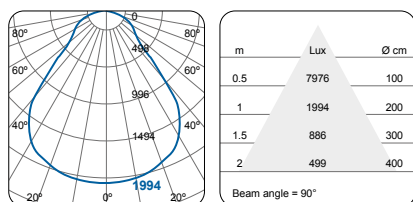


220-240V

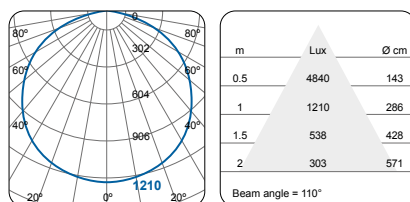
 White
(WH26)

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



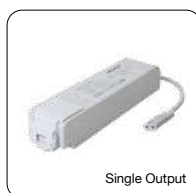
FPL71800v0-ex/ta+LD226036-C0750



MEGAMAN® BERTO BACKLIT



LD226036-C0750



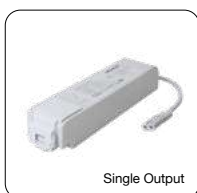
Single Output

LD226036-C0800



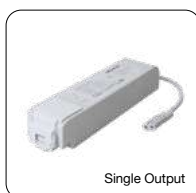
4-Step output

LD236046-C1100



Single Output

LD230036/mc-C0950



Single Output

LD232037/da/mc-C0950



DALI

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-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
Loophrough adaptor for
LD230036/mc-C0950
LD226036-C0750



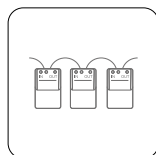
LA10120
Safety kit, including 1.0m
safety cable x1
V shape hooker x1
Screw ST4*9 x2



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

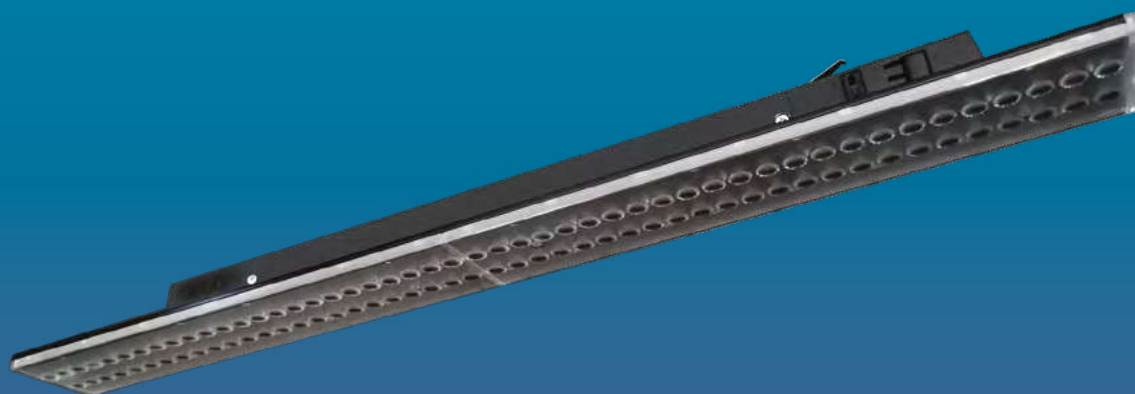


Loop through wiring

MEGAMAN® XAVIER 2

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



MEGAMAN® XAVIER 2

LED Track Panel



Flicker
free

50000
hrs

IP20

IK03

SDCM
<4



MEGAMAN® 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 9600lm 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 9600lm
- Superb efficacy up to 160lm/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



Applications

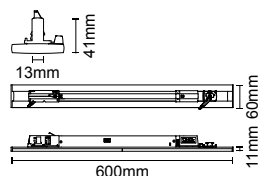
- Retail shops
- Supermarkets
- Warehouses and similar applications

MEGAMAN® XAVIER 2

FTK73300v0-ds
FTK73300v0-da/ds
FTK73300v0-ds/r9
FTK73300v0-da/ds/r9



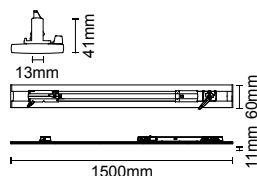
$\lambda > 0.9$ Class I IP20 IK03 Flicker Free



FTK73400v0-ds
FTK73400v0-da/ds
FTK73400v0-ds/r9
FTK73400v0-da/ds/r9



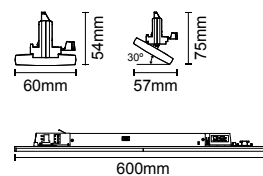
$\lambda > 0.9$ Class I IP20 IK03 Flicker Free



FTK73500v0-ds
FTK73500v0-ds/r9



$\lambda > 0.9$ Class I IP20 IK03 Flicker Free



220-240V

White (WH12) Black (BK12)

Ra80 Version

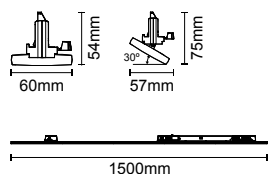
Model No.	Wattage Selectable (W)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73300v0-ds	14/16/18/20	3200	White-160/Black-138	30/60/90/120 DS	L600 x H60	NO	4 Wire, 3 Circuit
FTK73400v0-ds	35/40/45/50	8000	White-160/Black-138	30/60/90/120 DS	L1500 x H60	NO	4 Wire, 3 Circuit
FTK73300v0-da/ds	14/16/18/20	3200	White-160/Black-138	30/60/90/120 DS	L600 x H60	DALI	6 Wire
FTK73400v0-da/ds	35/40/45/50	8000	White-160/Black-138	30/60/90/120 DS	L1500 x H60	DALI	6 Wire
FTK73500v0-ds	14/16/18/20	3200	White-160/Black-138	30/60/90	L600 x H60	NO	4 Wire, 3 Circuit

Ra90 Version

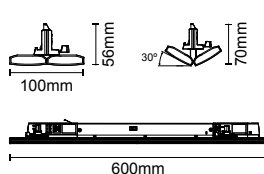
Model No.	Wattage Selectable (W)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73300v0-ds/r9	14/16/18/20	2980	White-150/Black-128	30/60/90/120 DS	L600 x H60	NO	4 Wire, 3 Circuit
FTK73400v0-ds/r9	35/40/45/50	7440	White-150/Black-128	30/60/90/120 DS	L1500 x H60	NO	4 Wire, 3 Circuit
FTK73300v0-da/ds/r9	14/16/18/20	2980	White-150/Black-128	30/60/90/120 DS	L600 x H60	DALI	6 Wire
FTK73400v0-da/ds/r9	35/40/45/50	7440	White-150/Black-128	30/60/90/120 DS	L1500 x H60	DALI	6 Wire
FTK73500v0-ds/r9	14/16/18/20	2980	White-150/Black-128	30/60/90	L600 x H60	NO	4 Wire, 3 Circuit

MEGAMAN® XAVIER 2

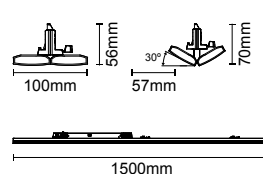
FTK73600v0-ds
FTK73600v0-da/ds
FTK73600v0-ds/r9
FTK73600v0-da/ds/r9



FTK73700v0-ds
FTK73700v1-ds
FTK73700v0-ds/r9
FTK73700v1-ds/r9



FTK73800v0-ds
FTK73800v0-da/ds
FTK73800v0-ds/r9
FTK73800v0-da/ds/r9



220-240V



Ra80 Version

Model No.	Wattage Selectable (W)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73600v0-ds	35/40/45/50	8000	White-160/Black-138	30/60/90	L1500 x H60	NO	4 Wire, 3 Circuit
FTK73600v0-da/ds	35/40/45/50	8000	White-160/Black-138	30/60/90	L1500 x H60	DALI	6 Wire
FTK73700v0-ds	14/16/18/20	3200	White-160/Black-138	30/20 x 90	L600 x H100	NO	4 Wire, 3 Circuit
FTK73700v1-ds	35/40/45/50	8000	White-160/Black-138	30/20 x 90	L600 x H100	NO	4 Wire, 3 Circuit
FTK73800v0-ds	35/40/45/50	8000	White-160/Black-138	30/20 x 90	L1500 x H100	NO	4 Wire, 3 Circuit
FTK73800v0-da/ds	35/40/45/50	8000	White-160/Black-138	30/20 x 90	L1500 x H100	DALI	6 Wire

Ra90 Version

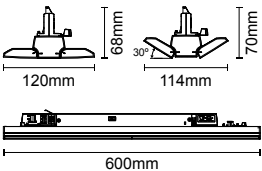
Model No.	Wattage Selectable (W)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73600v0-ds/r9	35/40/45/50	7440	White-150/Black-128	30/60/90	L1500 x H60	NO	4 Wire, 3 Circuit
FTK73600v0-da/ds/r9	35/40/45/50	7440	White-150/Black-128	30/60/90	L1500 x H60	DALI	6 Wire
FTK73700v0-ds/r9	14/16/18/20	2980	White-150/Black-128	30/20 x 90	L600 x H100	NO	4 Wire, 3 Circuit
FTK73700v1-ds/r9	35/40/45/50	7440	White-150/Black-128	30/20 x 90	L600 x H100	NO	4 Wire, 3 Circuit
FTK73800v0-ds/r9	35/40/45/50	7440	White-150/Black-128	30/20 x 90	L1500 x H100	NO	4 Wire, 3 Circuit
FTK73800v0-da/ds/r9	35/40/45/50	7440	White-150/Black-128	30/20 x 90	L1500 x H100	DALI	6 Wire

MEGAMAN® XAVIER 2

FTK73900v0-ds
FTK73900v1-ds
FTK73900v0-ds/r9
FTK73900v1-ds/r9



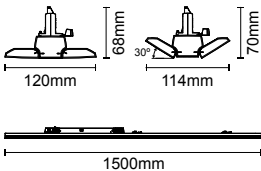
$\lambda > 0.9$ Class I IP20 IK03 Flicker Free



FTK74000v0-ds
FTK74000v0-da/ds
FTK74000v0-ds/r9
FTK74000v0-da/ds/r9



$\lambda > 0.9$ Class I IP20 IK03 Flicker Free



220-240V White (WH12) Black (BK12)

Ra80 Version

Model No.	Wattage Selectable (W)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73900v0-ds	14/16/18/20	3200	White-160/Black-138	30/30 x 90	L600 x H120	NO	4 Wire, 3 Circuit
FTK73900v1-ds	35/40/45/50	8000	White-160/Black-138	30/30 x 90	L600 x H120	NO	4 Wire, 3 Circuit
FTK74000v0-ds	35/40/45/50	8000	White-160/Black-138	30/30 x 90	L1500 x H120	NO	4 Wire, 3 Circuit
FTK74000v0-da/ds	35/40/45/50	8000	White-160/Black-138	30/30 x 90	L1500 x H120	DALI	6 Wire

Ra90 Version

Model No.	Wattage Selectable (W)	Luminous (lm)	Efficiency (lm/W)	Beam Angle (°)	Dimension (mm)	Dimmable	Track
FTK73900v0-ds/r9	14/16/18/20	2980	White-150/Black-128	30/30 x 90	L600 x H120	NO	4 Wire, 3 Circuit
FTK73900v1-ds/r9	35/40/45/50	7440	White-150/Black-128	30/30 x 90	L600 x H120	NO	4 Wire, 3 Circuit
FTK74000v0-ds/r9	35/40/45/50	7440	White-150/Black-128	30/30 x 90	L1500 x H120	NO	4 Wire, 3 Circuit
FTK74000v0-da/ds/r9	35/40/45/50	7440	White-150/Black-128	30/30 x 90	L1500 x H120	DALI	6 Wire

MEGAMAN® XAVIER 2



MEGAMAN® MARCO 2

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



MEGAMAN® MARCO 2

Integrated LED Tracklight



MEGAMAN® MARCO 2



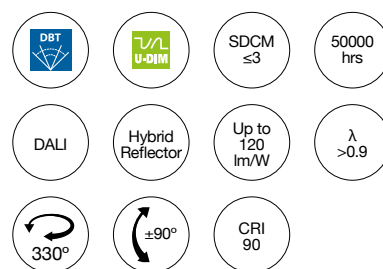
MEGAMAN® MARCO 2

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 angles in 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

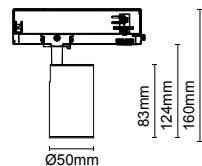


Applications

- Shop lighting
- Hotels
- Showrooms
- Restaurants
- Museums

MEGAMAN® MARCO 2 MINI

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



220-240V

IP20

SCDM
≤3White
(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		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		12	1500 (2800K) 1550 (4000K)	125 (2800K) 130 (4000K)	24/36	5500 (24°) 2650 (36°)	Ø50 x L160	2800K/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
FTK73000v0-da/db+024D036D		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		12	1500 (2800K) 1550 (4000K)	125 (2800K) 130 (4000K)	24/36	5500 (24°) 2650 (36°)	Ø50 x L160	2800K/4000K (Ra90)	50000	>0.9	Aluminium

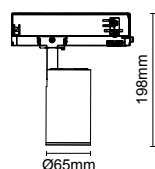
Accessory



LA10181
Honeycomb louvre

MEGAMAN® MARCO 2 MIDI

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



220-240V

IP20

SCDM
≤3White
(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		22	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		22	2650 (3000K) 2750 (4000K)	120 (2800K) 125 (4000K)	24/45	13000 (24°) 4300 (45°)	Ø65 x L198	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		22	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		22	2650 (3000K) 2750 (4000K)	120 (3000K) 125 (4000K)	24/45	13000 (24°) 4300 (45°)	Ø65 x L198	3000K/4000K (Ra90)	50000	>0.9	Aluminium

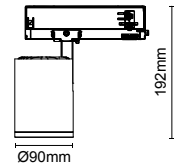
Accessory






LA10181
Honeycomb louvre




MEGAMAN® MARCO 2 90

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



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		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
FTK73200v0-db/r9+024D045D	 	34	4100 (3000K) 4250 (4000K)	120 (3000K) 125 (4000K)	24 / 45	18000 (24°) 7000 (45°)	Ø90 x 192	3000K/4000K (Ra90)	50000	>0.9	Aluminium



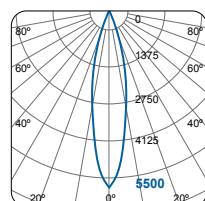
DALI Version											
Model No.		Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp.	Rated Life at L70B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK73200v0-da/db+024D045D		34	3400 (3000K) 3600 (4000K)	96 (3000K) 100 (4000K)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

Accessory



LA10181
Honeycomb louvre

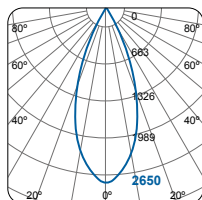
FTK73000v0-db+024D
FTK73000v0-db/r9+024D



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

Beam angle = 24°

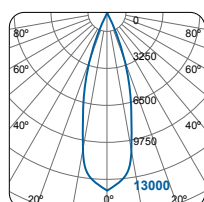
FTK73000v0-db+036D
FTK73000v0-db/r9+036D



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

Beam angle = 36°

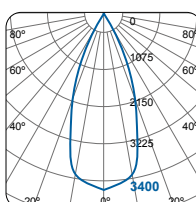
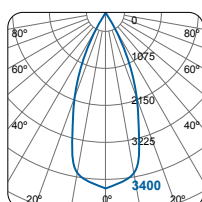
FTK73100v0-db+024D
FTK73100v0-db/r9+024D



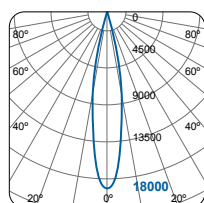
m	Lux	Ø cm
0.5	52000	21
1	13000	43
1.5	5778	64
2	3250	85

Beam angle = 24°

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



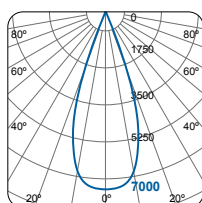
FTK73200v0-db+024D
FTK73200v0-db/r9+024D



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

Beam angle = 24°

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



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

Beam angle = 45°

MEGAMAN® 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



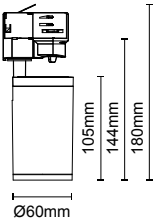
Applications

- Shops and boutiques
- Hotels
- Restaurants
- Homes

Indoor Lighting / Track Lighting

MEGAMAN® MORA

FTK70317v0 / FTA70317v0 /
FTS70317v0



220-240V



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
FTK70317v0	7.2	Ø60 x H180	LED PAR16	GU10	Polycarbonate
FTA70317v0	7.2	Ø60 x H163	LED PAR16	GU10	Polycarbonate
FTS70317v0	7.2	Ø60 x H163	LED PAR16	GU10	Polycarbonate



MEGAMAN® 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

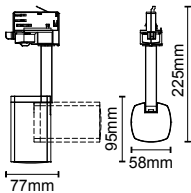
- Galleries
- Restaurants
- Showrooms
- Hotels
- Retail outlets
- Reception areas



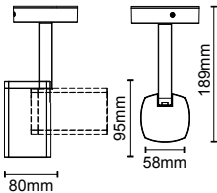
Indoor Lighting / Track Lighting

MEGAMAN® MOSAIC

F11517TA / F11517TK



F11517SM



220-240V



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. 7.2W
LED PAR16
GU10

MEGAMAN® 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

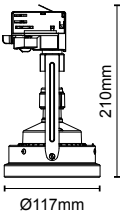
- Retail outlets
- Hotels
- Restaurants
- Galleries
- Residential applications



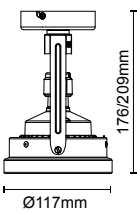
Indoor Lighting / Track Lighting

MEGAMAN® TOBY

F13117TK / F13117TA



F13117SM



220-240V

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

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F13117TK / F13117TA	11.5	Ø117 x H210	LED AR111	GU10	Steel



Max. 11.5W
LED AR111
GU10

Indoor Lighting / Integrated LED batten

MEGAMAN® KETO SLIM

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



MEGAMAN® KETO SLIM

Integrated LED Batten

IP21

Flicker
Free

40000
hrs

MEGAMAN® KETO SLIM



MEGAMAN® KETO SLIM

Integrated LED Batten

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 45° 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 45° application
- 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

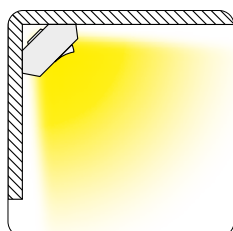
IP21

Flicker Free

40000 hrs

Applications

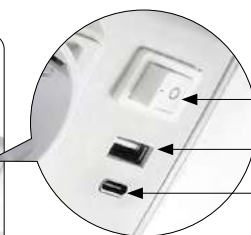
- Under cabinet
- Staircases
- Corridors
- Kitchens



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



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



ON/OFF switch

USB-Type A port

Type C charge port (20W)

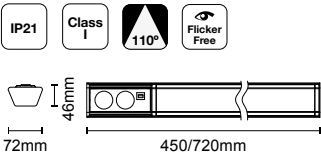


Ultra slim profile only 32mm height

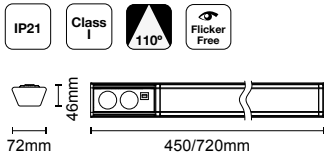
Indoor Lighting / Integrated LED batten

MEGAMAN® KETO SLIM

FIB82200v0
FIB82300v0



FIB82400v0
FIB82500v0



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
FIB82200v0	3.5	350	110	L450 x W72 x H46	ON/OFF + 2 Electrical Sockets	40000	Polycarbonate housing + Polycarbonate diffuser
FIB82300v0	9	900	110	L720 x W72 x H46	ON/OFF + 2 Electrical Sockets	40000	Polycarbonate housing + Polycarbonate diffuser
FIB82400v0	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
FIB82500v0	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

Indoor Lighting / Integrated LED batten

MEGAMAN® KETO SLIM



Indoor Lighting / Under Cabinet Lighting

MEGAMAN® KARINA ROTATE

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



MEGAMAN® KARINA ROTATE

Under Cabinet Lighting

IP20



Flicker
Free



Switching
CCT



Step Dimming

25000
hrs



120°

MEGAMAN® KARINA ROTATE



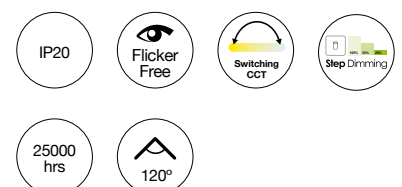
MEGAMAN® KARINA ROTATE

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 color 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.

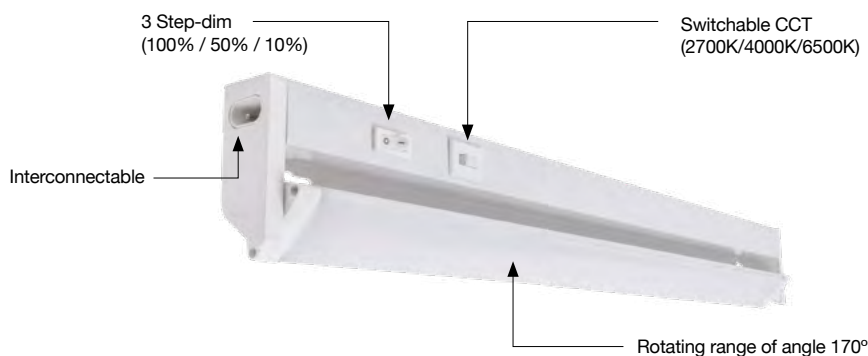
Features:

- 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



Applications

- Under cabinet
- Staircases
- Corridors
- Kitchens



MEGAMAN® KARINA ROTATE

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



220-240V

White
(WH26)

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

Accessory



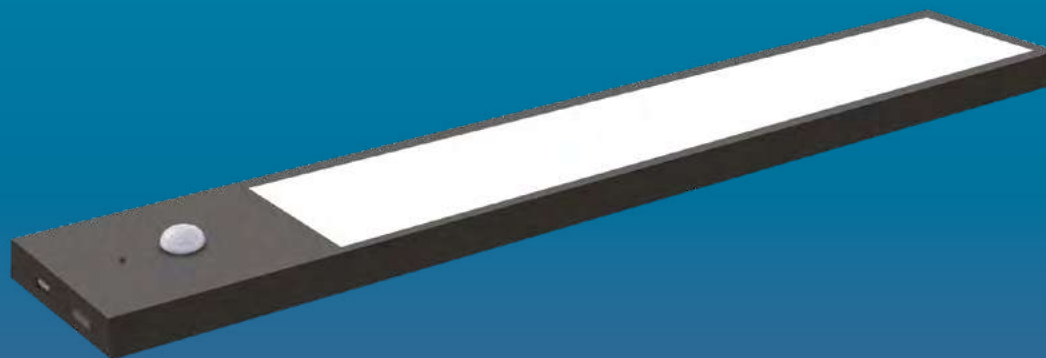
Power Cord 1.2m
Connecting Cable 17cm

MEGAMAN® KARINA ROTATE



MEGAMAN® LAGOM

NEW



MEGAMAN® LAGOM

Under Cabinet



MEGAMAN® LAGOM



MEGAMAN® LAGOM

Under Cabinet

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) IR switch.

3 different control technology offers an obvious upgrade for indoor lighting suitable for variety applications.

Features

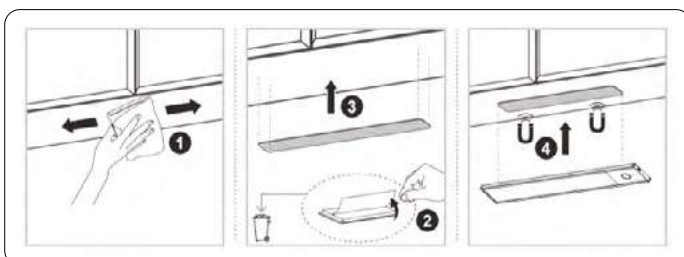
- Ultra-slim design with 11mm height, it is perfect for under cabinet installation
- Tool-less wiring connection design
- 3 versions : Touch switch, PIR motion sensor and Hand wave IR switch
- Wide light-emitting area
- True replacement for traditional T5 & T8 Batts



Applications

- Under cabinet
- Staircases
- Wardrobes
- Kitchen

Magnet Mounting

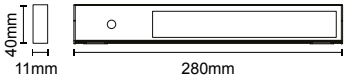


MEGAMAN® LAGOM

FIB80700v0-ps
FIB80800v0-ps



IP20 Class II 110° Flicker Free



FIB80700v0-dt
FIB80800v0-dt



IP20 Class II 110° Flicker Free



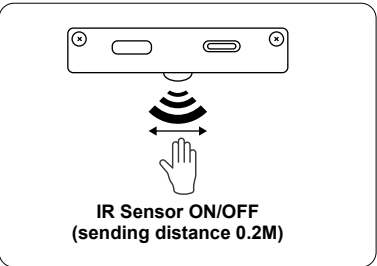
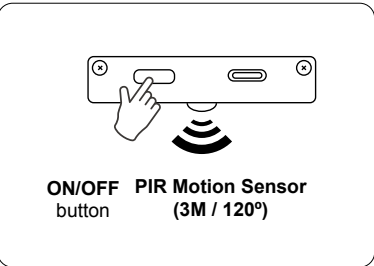
220-240V White (WH26) Black (BK24)

Model No.	Wattage (W)	Luminous Flux (lm)	Dimension (mm)	Colour Temp.	Dimmable	Rated Life at L70B50 at Ta25°C	Control Technology	Materials
FIB80700v0-ts	2.7W(Charging)/1W(Using)	100	L280 x W40 x H11	4000K	Hold dimming (10%~100%)	25000	Touch	Aluminum and Plastic
FIB80800v0-ts	3W(Charging)/1.5W(Using)	150	L480 x W40 x H11	4000K	Hold dimming (10%~100%)	25000	Touch	Aluminum and Plastic
FIB80700v0-ps	2.7W(Charging)/1W(Using)	100	L280 x W40 x H11	4000K	NO	25000	PIR sensor	Aluminum and Plastic
FIB80800v0-ps	3W(Charging)/1.5W(Using)	150	L480 x W40 x H11	4000K	NO	25000	PIR sensor	Aluminum and Plastic
FIB80700v0-ws	2.7W(Charging)/1W(Using)	100	L280 x W40 x H11	4000K	Hold dimming (10%~100%)	25000	Hand-waving sensor (IR sensor)	Aluminum and Plastic
FIB80800v0-ws	3W(Charging)/1.5W(Using)	150	L480 x W40 x H11	4000K	Hold dimming (10%~100%)	25000	Hand-waving sensor (IR sensor)	Aluminum and Plastic



Typ-C Rechargeable

Charging time: 4hrs
Using time: 3hrs
Rechargeable lithium battery
HF 4025130 1S1P 3.7V
1500mAh 5.55wh



MEGAMAN® LAGOM



MEGAMAN® EMMA



MEGAMAN® EMMA

Integrated LED Wall Lamp

IP44

Class II



25000 hrs

Up to 100 lm/W



Indoor Lighting / LED Wall Lamp

MEGAMAN® EMMA



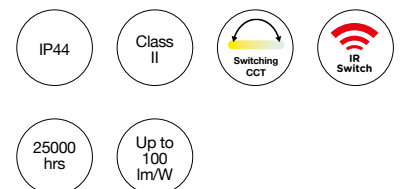
MEGAMAN® EMMA

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.

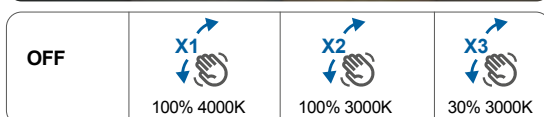
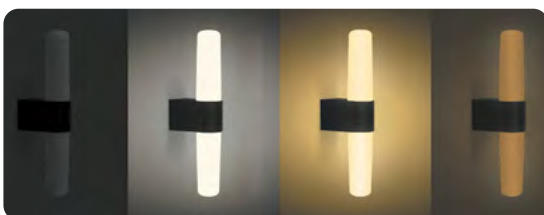
Features

- 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



Applications

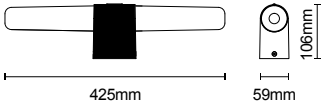
- Bathrooms
- Corridors
- Residential
- Hotels



Indoor Lighting / LED Wall Lamp


MEGAMAN® EMMA

FWL70500v0-ds/ps/sc

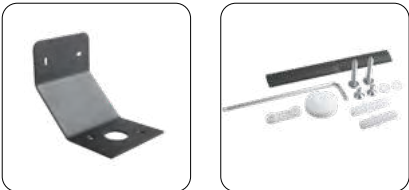


220-240V

White (WH14) Black (BK12) Chrome (CH53)

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



Indoor Lighting / Integrated LED Batten

MEGAMAN® EMMA



MEGAMAN® 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.

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

Multi-mounting methods

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



IP44

25000
hrs

Applications

- Bathroom
- Bedroom
- Residential application
- Hotels

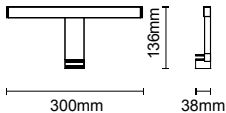
Indoor Lighting / Mirror Light

MEGAMAN® JUPITER

FWL70800v0



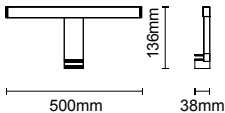
IP44



FWL70900v0



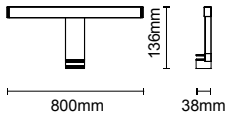
IP44



FWL71000v0



IP44

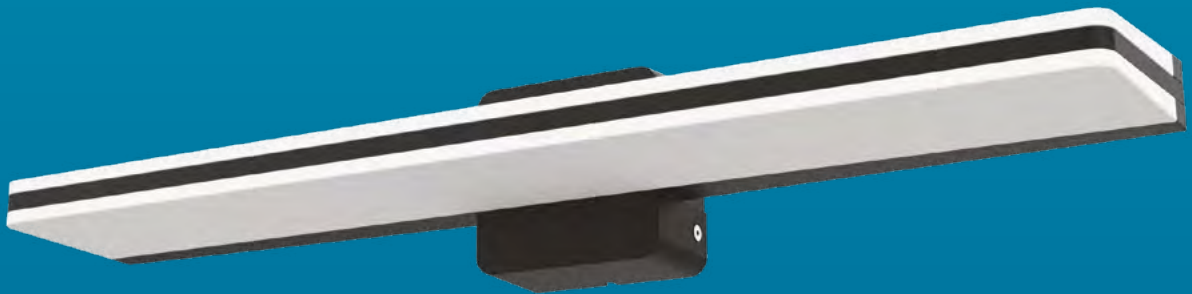


220-240V



Model no.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (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

MEGAMAN® 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 preference and need for creating the perfect ambience for different occasions.

Features

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

IP44

Ra90

Scenes
Setting

Applications

- Bathroom
- Bedroom
- Residential application
- Hotels



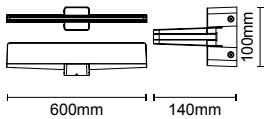
Indoor Lighting / Mirror Light

MEGAMAN® MARS

FWL70700v0-ss



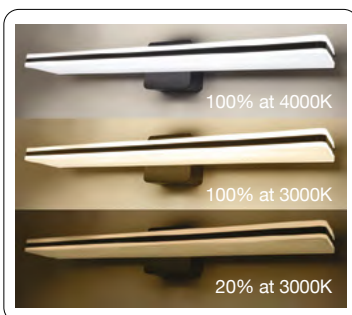
IP44 Ra90



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



MEGAMAN® NEPTUNE

NEW



MEGAMAN® NEPTUNE

Mirror Light



IP44

25000
hrs



MEGAMAN® 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



Applications

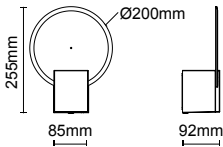
- Bathroom
- Bedroom
- Residential application
- Hotels

MEGAMAN® NEPTUNE

FWL71200v0-ds/r9



IP44

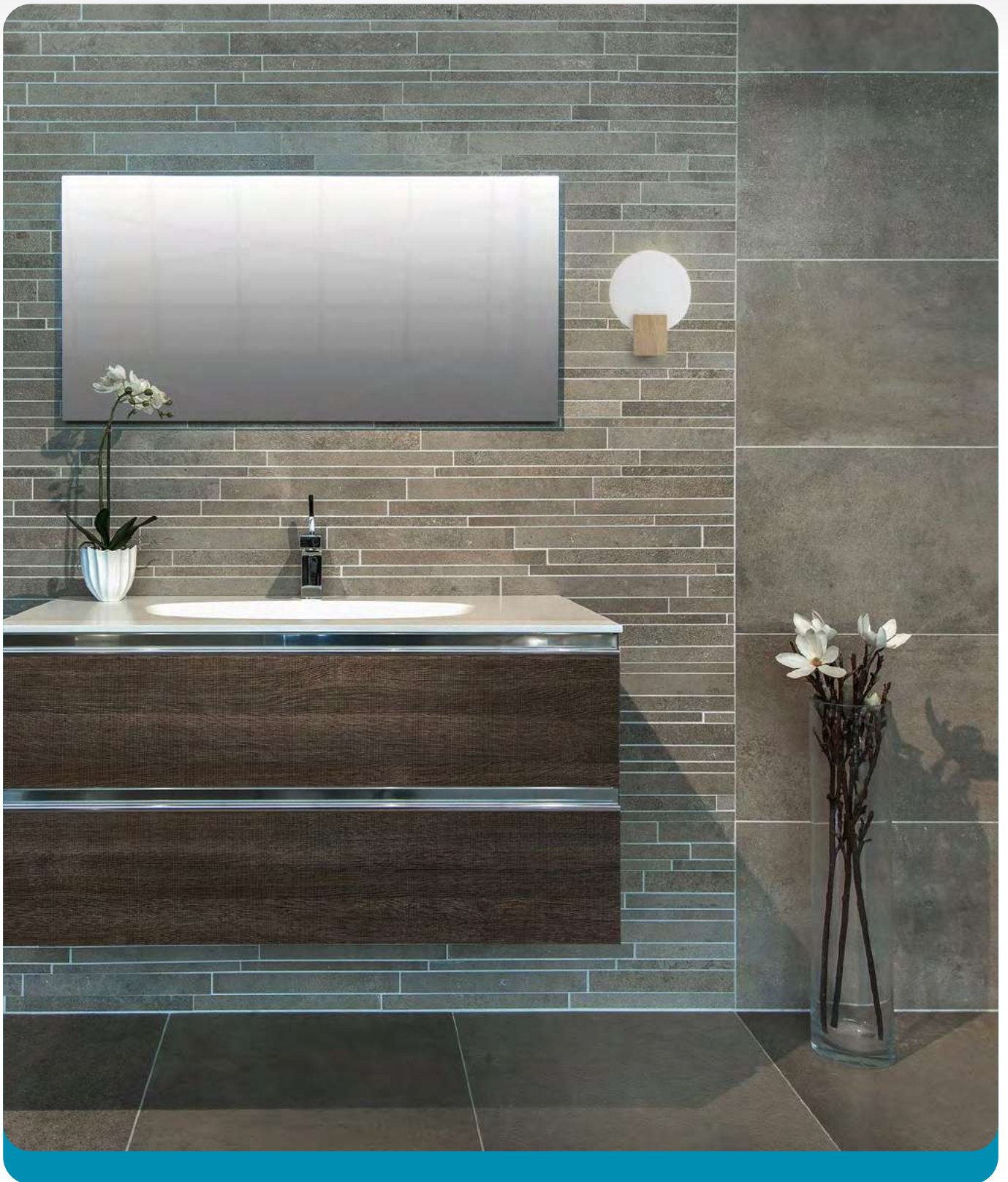


220-240V

- 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

MEGAMAN® NEPTUNE



MEGAMAN® VENUS



MEGAMAN® VENUS

Mirror Light

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.

Features

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

IP44

25000
hrs

Applications

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



Wall-mounted



Straddle mounted on top of mirror

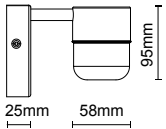
Indoor Lighting / Mirror Light

MEGAMAN® VENUS

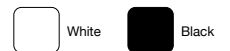
FWL71100v0



IP44



220-240V



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

Indoor Lighting / Integrated Waterproof LED Batten

MEGAMAN® HAGON XChange

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®

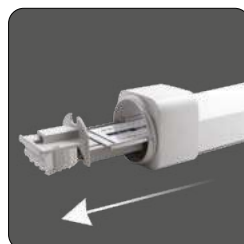
xChange™

MEGAMAN® HAGON XChange

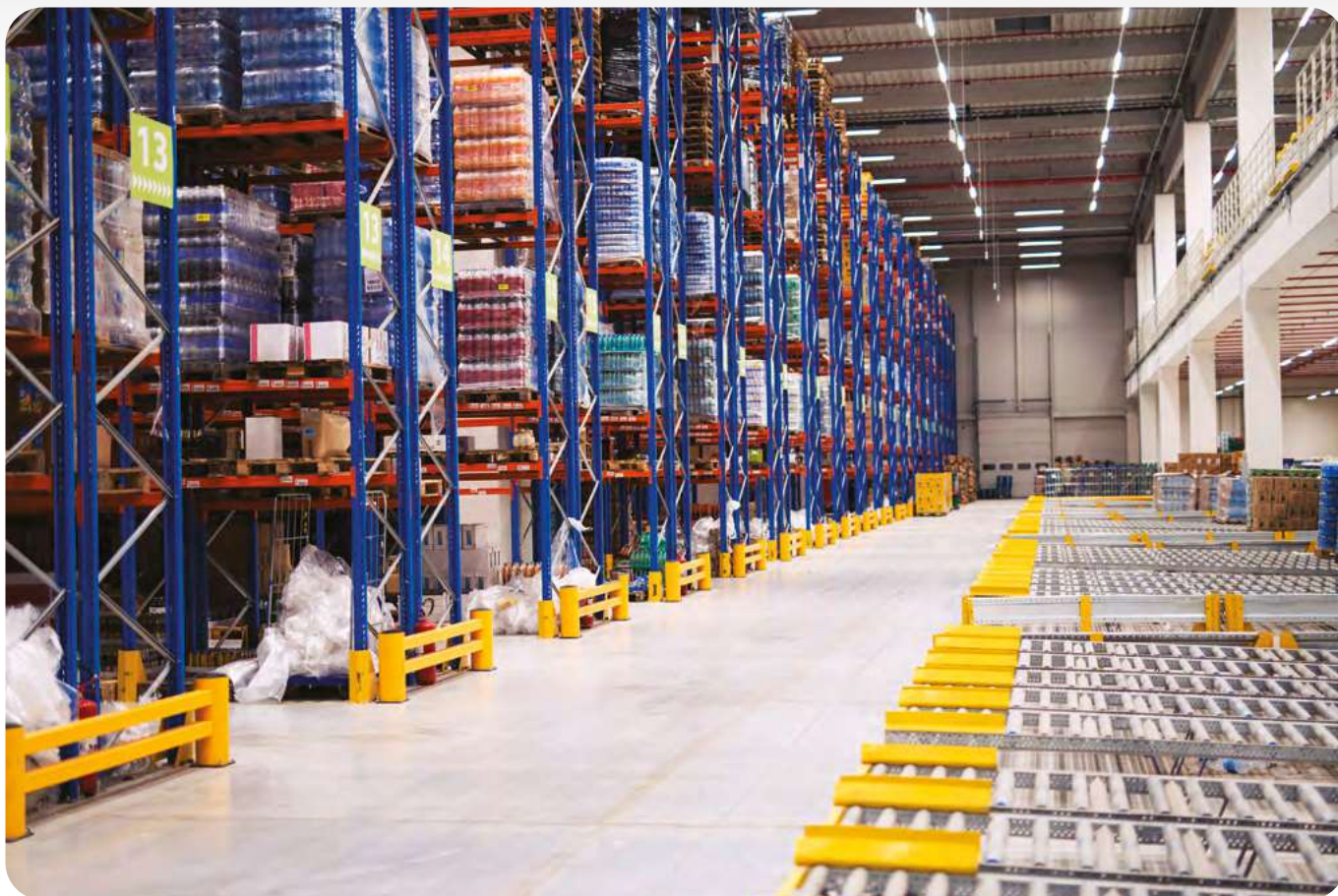
Integrated Waterproof LED Batten



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



MEGAMAN® HAGON XChange



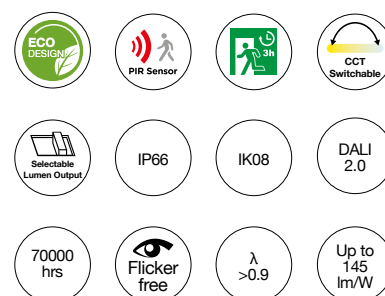
MEGAMAN® HAGON XChange

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

- Eco-design with replaceable light source and control gear
- 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
PIR Sensor Module

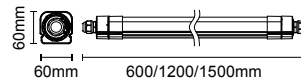
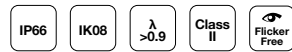
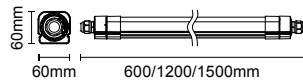
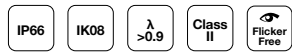


LA11156
3H Emergency Kit

MEGAMAN® HAGON XChange

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

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



220-240V

Grey
(SV16)

SINGLE CCT, 120lm/W

Model No.	Wattage Selectable (W)	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 Selectable (W)	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 Selectable (W)	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/6500K	70000	Polycarbonate
FOB83600v0-ds/sc	17/33	2300/4000	135/121	L1200 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83700v0-ds/sc	33/50	4000/6000	121/120	L1500 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83700v2-ds/sc	55/68	6600/8200	120/121	L1500 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate

3 CCT, 145lm/W

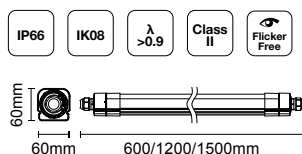
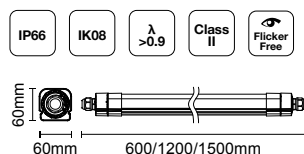
Model No.	Wattage Selectable (W)	Lumen (lm) at 4000K	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. (Switchable)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FOB83500v1-ds/sc	9/17	1300/2500	144/147	L600 x W60 x H60	3000K/4000K/6500K	70000	Polycarbonate
FOB83600v1-ds/sc	17/33	2500/4800	147/145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

Indoor Lighting / Integrated Waterproof LED Batten

MEGAMAN® HAGON XChange

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

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



220-240V



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

MEGAMAN® DINO 2



MEGAMAN® DINO 2

Integrated Damp Proof LED Batten

To continue the successful story of our existing batten series, MEGAMAN® DINO 2 is designed to offer an ideal alternative to T5 and T8 waterproof battens for outdoor and indoor applications. It comes with sliding stainless steel clips for easy and flexible installation. The permanent live option of MEGAMAN® DINO 2 allows unswitched live supply to the luminaire or appliances (i.e. sensors, emergency lighting, CCTV, security alarm system, smoke detector and so on.) when the switch is off.

Both PIR sensor and emergency lighting options are available. MEGAMAN® DINO 2 with PIR version comes on when it senses movement of the human body. The MEGAMAN® DINO 2 emergency lighting module provides enough light for escape using its internal batteries in the event of power failure.

Features

- One piece structural design in plastic extrusion profile with IP66 protection, MEGAMAN® DINO 2 offers intrinsically superior protection against water and dust than conventional T5 and T8 outdoor waterproof battens
- Designed with a tough polycarbonate body with IK08 rating for vandal resistance
- Easy and flexible installation through sliding stainless steel clips. Enabling use of existing mounting holes to replace conventional light fittings
- High lumen output of up to 6500lm
- Cable entries and through wiring allow for linear series connection
- Compatible with attachable PIR sensor, allowing to form a master and slave light system



Applications

- Car parks
- Warehouses
- Workshops
- Underground areas

Max. number of connections

- 65 units for FOB61400v0-pl
- 59 units for FOB61500v0-pl
- 34 units for FOB61500v1-pl
- 39 units for FOB61600v0-pl
- 23 units for FOB61600v1-pl

* Based on using 1.5mm² wire

* Number of looping up to 6A Max.

Indoor Lighting / Damp Proof Batten

MEGAMAN® DINO 2

FOB61400v0-pl



IP66 IK08 $\lambda > 0.9$ Class II



FOB61500v0-pl / FOB61500v1-pl



IP66 IK08 $\lambda > 0.9$ Class II



FOB61600v0-pl / FOB61600v1-pl



IP66 IK08 $\lambda > 0.9$ Class II



220-240V

Silver
(SV16)

Permanent Live Option | Opal Prismatic Diffuser Options

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Power Factor (λ)	Materials
FOB61400v0-pl	19	1750 (3000K) 1800 (4000K)	92 (3000K) 95 (4000K)	160	L723 x W60 x H54	3000K/4000K	50000	>0.9	Polycarbonate with Opal Prismatic Diffuser
FOB61500v0-pl	21	2250 (3000K) 2350 (4000K)	107 (3000K) 112 (4000K)	160	L1323 x W60 x H54	3000K/4000K	50000	>0.9	Polycarbonate with Opal Prismatic Diffuser
FOB61500v1-pl	36	4150 (3000K) 4300 (4000K)	115 (3000K) 119 (4000K)	160	L1323 x W60 x H54	3000K/4000K	50000	>0.9	Polycarbonate with Opal Prismatic Diffuser
FOB61600v0-pl	32	3500 (3000K) 3600 (4000K)	109 (3000K) 113 (4000K)	160	L1623 x W60 x H54	3000K/4000K	50000	>0.9	Polycarbonate with Opal Prismatic Diffuser
FOB61600v1-pl	53	6300 (3000K) 6500 (4000K)	119 (3000K) 123 (4000K)	160	L1623 x W60 x H54	3000K/4000K	50000	>0.9	Polycarbonate with Opal Prismatic Diffuser

Accessory



LA11155
PIR sensor module
L130 x W65 x H50mm



LA11156
Emergency module
L214 x W57 x H83mm



LA8066
Cover for concealing
two end cable glands
and power cable



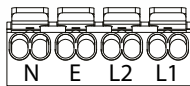
LA8021
Hook for suspension



LA8032
Theft proof bracket

MEGAMAN® DINO 2

Permanent Live Option



L1: 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



PIR Sensor

DINO 2 with PIR module, Master - Slave



DINO 2 with PIR module, Master - Slave - Master



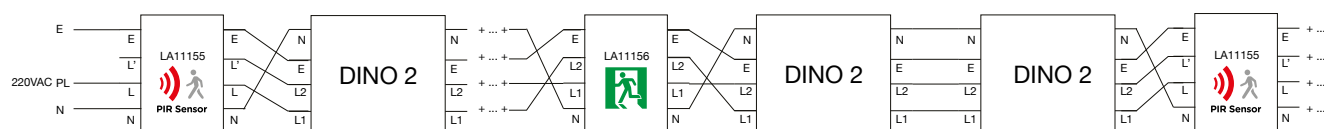
Application with Emergency Module (Model no. : LA11156)

Non-maintained emergency luminaires stay connected and charge on the permanent live, while the general lighting can work as usual on the switched circuit. In the event of power failure, the emergency units light up on their internal batteries.

DINO 2 with Emergency module

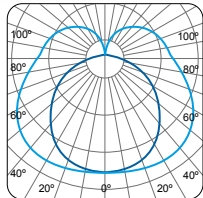


DINO 2 with PIR sensor module and Emergency module with Permanent live control only, especially for Tunnel or Underground car park application.



DINO 2 Photometric Data

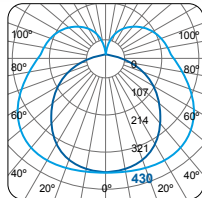
FOB61400v0-pl



m	Lux	Ø cm
0.5	1320	567
1	330	1134
1.5	147	1701
2	83	2269

Beam angle = 160°

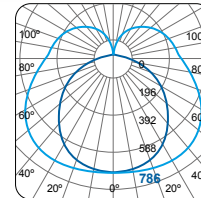
FOB61500v0-pl



m	Lux	Ø cm
0.5	1720	567
1	430	1134
1.5	191	1701
2	80	2269

Beam angle = 160°

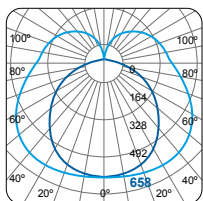
FOB61500v1-pl



m	Lux	Ø cm
0.5	3144	567
1	786	1134
1.5	349	1701
2	197	2269

Beam angle = 160°

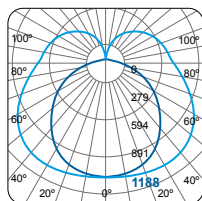
FOB61600v0-pl



m	Lux	Ø cm
0.5	2632	567
1	658	1134
1.5	292	1701
2	165	2269

Beam angle = 160°

FOB61600v1-pl



m	Lux	Ø cm
0.5	4752	567
1	1188	1134
1.5	528	1701
2	297	2269

Beam angle = 160°

Chemical Resistance

Chemical Agents	Polycarbonate	Stainless Steel
Acetic acid 10%	+	+
Acetone	-	+
Alcoholic beverages	+	+
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
Citric acid 20%	+	o
Copper sulphate	+	o
Diesel-naphta oil	o	+
Ethyl alcohol 30%	+	+
Ethyl chloride	-	+
Ethyl ether	-	o
food oils and fats	-	+
formic acid 10%	+	o
Glycerine	+	+

+	Resistant
o	Relatively resistant
-	Non-resistant

Chemical Agents	Polycarbonate	Stainless Steel
Hexane	+	+
Iodine	-	-
Iron chloride	+	-
Isopropylic alcohol	o	o
Lubricating oil	+	+
Magnesium sulphate	+	+
Methanol	-	+
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	+	+
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

Indoor Lighting / Damp Proof Batten

MEGAMAN® DINO 2 FARM



MEGAMAN® DINO 2 FARM

Integrated Damp Proof LED Batten

Ammonia
Resistant

50000
hrs

IP66

IK04

Up to
123
lm/W

MEGAMAN® DINO 2 FARM



MEGAMAN® DINO 2 FARM

Integrated Damp Proof LED Batten

LEDs need special protection from the aggressive chemical atmospheres in agricultural applications. MEGAMAN® DINO 2 FARM is designed to solve the problem in challenging areas such as animal husbandry. The chemical resistant housing materials, and the IP66 and IK04 ratings for ingress protection with high impact resistance enable it to withstand harsh farm environments. Furthermore, the tool-less wiring and fast fixing stainless steel mounting clips enable easy installation.

Features

- Special version of the popular DINO 2 waterproof batten for hostile agricultural environments
- Chemical resistant housing materials designed to withstand harsh farm locations
- Ideal for use in intensive animal husbandry such as pigsties and cowsheds where high levels of resistance to aggressive ammonia-containing gases is essential
- Airtight construction offers extra protection to the luminaire with the blockage of outside gas
- Durable and robust, sealed to IP66 for ingress protection with high impact resistance of IK04
- Self-contained integrated LED units – flexible for installation and inventory management
- Excellent lighting performance of up to 6500lm
- Energy saving with efficacies up to 123lm/W
- Long Lifetime of 50,000 hrs L80, B10 for low maintenance and further cost saving
- Tool-less wiring and fast-fixing stainless steel mounting clips for easy installation
- DLG (Deutsche Landwirtschafts-Gesellschaft – German Agricultural Society) certified with ammonia resistant and is applicable for high pressure cleaning with a minimum distance of 15cm



Applications

- Livestock husbandry (pigsties, cowsheds and poultry farm)



Max. number of connections

- 34 units for FOB70800v1-pl
- 23 units for FOB70900v1-pl

* Based on using 1.5mm² wire

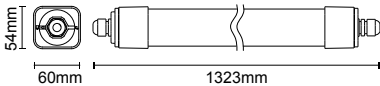
* Number of looping up to 6A Max.

MEGAMAN® DINO 2 FARM

FOB70800v1-pl



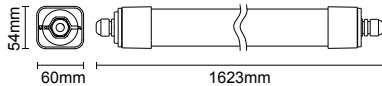
- IP66
- IK08
- $\lambda > 0.9$
- Class II



FOB70900v1-pl



- IP66
- IK08
- $\lambda > 0.9$
- Class II

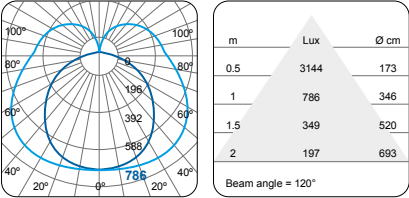


220-240V

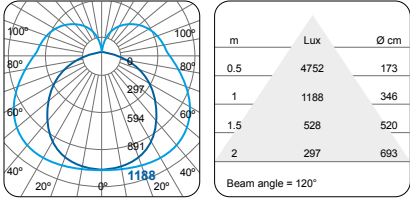
Silver (SV16)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp.	Rated Life at L80B10 at Ta25°C (hrs)	Power Factor (λ)	Materials
FOB70800v1-pl	36	4150 (3000K) 4300 (4000K)	115 (3000K) 119 (4000K)	120	L1323 x W60 x H54	3000K/4000K	50000	>0.9	End Cap made of Polyamide with Pmma Diffuser
FOB70900v1-pl	53	6300 (3000K) 6500 (4000K)	119 (3000K) 123 (4000K)	120	L1623 x W60 x H54	3000K/4000K	50000	>0.9	End Cap made of Polyamide with Pmma Diffuser

FOB70800v1-pl



FOB70900v1-pl



MEGAMAN® DINO 2 FARM

Chemical Resistance

Chemical Agents	Polycarbonate	PMMA	Stainless 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	+	+	+

+	Resistant
o	Relatively resistant
-	Non-resistant

Chemical Agents	Polycarbonate	PMMA	Stainless Steel
Hexane	+	+	+
Iodine	-	+	-
Iron chloride	+	+	-
Isopropyl 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
Potassium bromide	+	+	o
Potassium nitrate	+	+	o
Potassium 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

Indoor Lighting / Waterproof Batten

MEGAMAN® ROCCA 2

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



MEGAMAN® ROCCA 2

Traditional Waterproof LED Batten



MEGAMAN® ROCCA 2



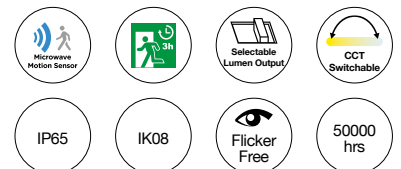
MEGAMAN® ROCCA 2

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

- Multi 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

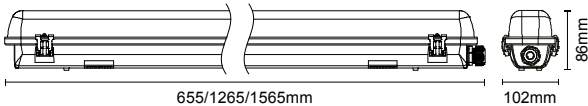


Applications

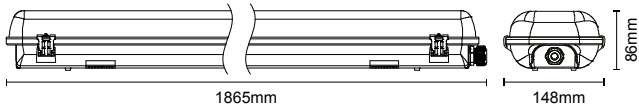
- Car parks
- Warehouses
- Stairwells
- Corridors
- Patios

MEGAMAN® ROCCA 2

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



FOB82300v0-ds/sc



220-240V Silver (SV12)

Model No.	Wattage Selectable (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp.	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 Switchable	L655 x W102 x H86	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 Switchable	L1265 x W102 x H86	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 Switchable	L1565 x W102 x H86	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 Switchable	L1865 x W148 x H86	50000	Anti-Uv Plastic Housing + PC Diffuser

Accessory



LA10243
Motion Sensor Module for
GARRON 2 and ROCCA 2



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



Hook for suspension
installation

Indoor Lighting / Waterproof Batten

MEGAMAN® ROCCA 2



Indoor Lighting / Damp Proof Batten

MEGAMAN® NARDOS 2

NEW



MEGAMAN® NARDOS 2

Integrated Damp Proof Batten



IP65

IK08

35000
hrs

MEGAMAN® NARDOS 2



MEGAMAN® NARDOS 2

Integrated Damp Proof Batten

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

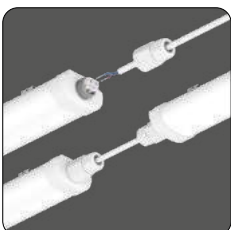
- Designed with a tough polycarbonate body with IK08 rating for vandal resistance
- Flicker free
- High power factor >0.9
- Cable entries and through wiring allow for linear series connection



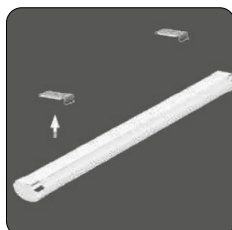
Applications

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

Toolless wiring and easy installation



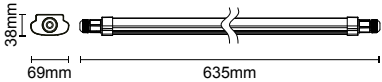
Easy installation mounting clips



MEGAMAN® NARDOS 2



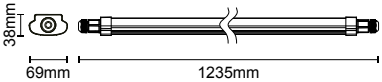
IP65 λ >0.9 Class II



FOB81300v0



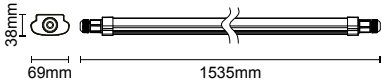
IP65 λ >0.9 Class II



FOB81400v0



IP65 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	20	2000	100	4000K	W69 x H38 x L635	35000	Polycarbonate
FOB81300v0	40	4000	100	4000K	W69 x H38 x L1235	35000	Polycarbonate
FOB81400v0	50	5000	100	4000K	W69 x H38 x L1535	35000	Polycarbonate

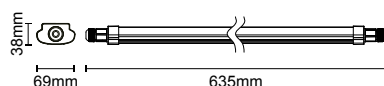
Indoor Lighting / Damp Proof Batten

MEGAMAN® NARDOS 2

FOB83200v0



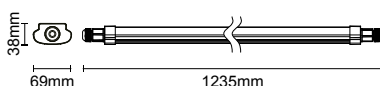
IP65 $\lambda > 0.9$ Class II



FOB83300v0



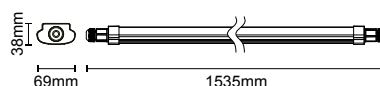
IP65 $\lambda > 0.9$ Class II



FOB83400v0



IP65 $\lambda > 0.9$ 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	20	2000	100	4000K	W69 x H38 x L635	35000	Polycarbonate
FOB83300v0	40	4000	100	4000K	W69 x H38 x L1235	35000	Polycarbonate
FOB83400v0	50	5000	100	4000K	W69 x H38 x L1535	35000	Polycarbonate

Indoor Lighting / Waterproof Batten

MEGAMAN® ROCCA T8

NEW



MEGAMAN® ROCCA T8

Traditional Waterproof LED Batten

IP65

IK08



40000
hrs



MEGAMAN® 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 available

IP65

IK08

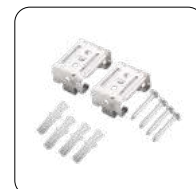
Flicker Free

40000 hrs

Applications

- Car parks
- Warehouses
- Stairwells
- Corridors
- Patios

Single Tube Accessory



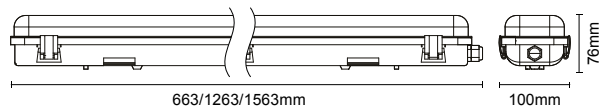
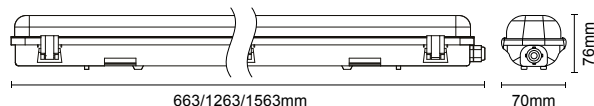
Twice Tubes Accessory



MEGAMAN® ROCCA T8

FOB84450v0 FOB84750v0
 FOB84550v0 FOB84850v0
 FOB84650v0 FOB84950v0

FOB85050v0 FOB85350v0
 FOB85150v0 FOB85450v0
 FOB85250v0 FOB85550v0



220-240V

Silver
(SV12)

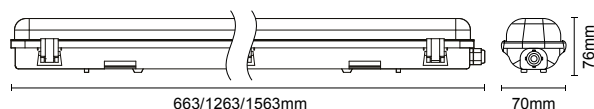
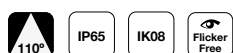
Model No.	Wattage (W)	Dimension (mm)	Materials
Non-Loop Through			
FOB84450v0	1 x 9W	L663 x W70 x H76	PC Body + PC Diffuser
FOB84550v0	2 x 9W	L663 x W100 x H76	PC Body + PC Diffuser
FOB84650v0	1 x 18W	L1263 x W70 x H76	PC Body + PC Diffuser
FOB84750v0	2 x 18W	L1263 x W100 x H76	PC Body + PC Diffuser
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

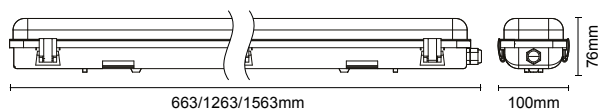
Indoor Lighting / Waterproof Batten

MEGAMAN® ROCCA T8

FOB85650v0 FOB85950v0
 FOB85750v0 FOB86050v0
 FOB85850v0 FOB86150v0



FOB86250v0 FOB86550v0
 FOB86350v0 FOB86650v0
 FOB86450v0 FOB86750v0



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

MEGAMAN® TEMPUS

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®

** With Self-Test Function

essentials MEGAMAN®
+ VALUE FOR MONEY + RELIABLE + EVERYDAY + LED FIXTURES +

* With manual Test Function



MEGAMAN® TEMPUS

Emergency Lighting



MEGAMAN® TEMPUS



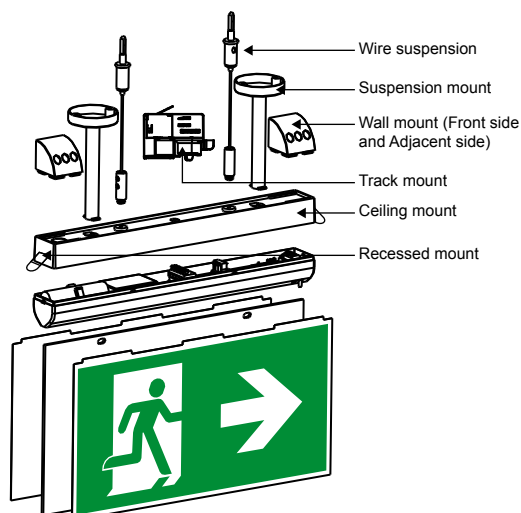
MEGAMAN® TEMPUS

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



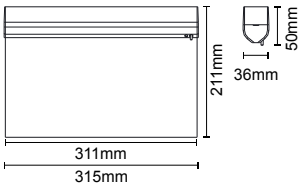
Indoor Lighting / Emergency Lighting

MEGAMAN® TEMPUS

FEL71400v0-em



IP20 IK03



220-240V

White (WH12)

Model No.	Description	Power (W)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL71400v0-em	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



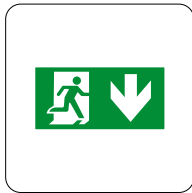
LA8144
Pictogram Film
LEFT arrow



LA8145
Pictogram Film
RIGHT arrow



LA8146
Pictogram Film
UP arrow

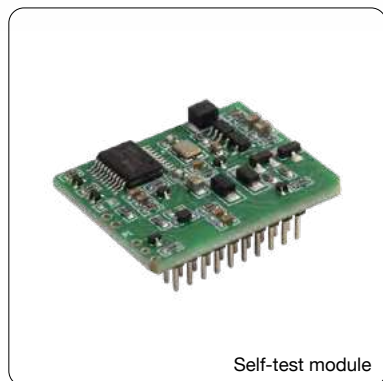


LA8147
Pictogram Film
DOWN arrow



LA11253
Battery

LA11206



Plug & play Self-test module:

Simply slot-in Self-test module (LA11206) to change the basic manual test version (FEL71400v0-em) to Self-test version (FEL71400v0-em/st). Easy for inventory management and stock planning.



MEGAMAN® TEMPUS

NEW



** With Self-Test Function



* With manual Test Function



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

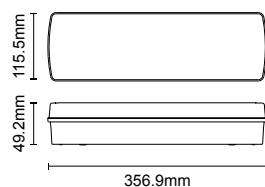
- 3 hours duration
- Self-test version available
- IP 65 dust & waterproof against challenging environment
- Multi-purpose application
- All direction legend combinations included
- Light in weight, easy installation
- Durable polycarbonate housing, corrosion resistant
- Maintained / non-maintained operation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

Applications

- Gardens
- Driveways
- Small lanes

MEGAMAN® TEMPUS

FEL71800v0-em
FEL71800v0-em/st



220-240V

White
(WH12)

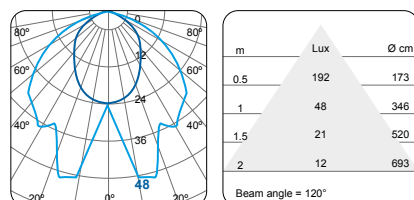
Model No.	Power (W)	Luminous Flux (lm)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL71800v0-em	4.5	150	6500K	3.2V 1500mAh LiFePO ₄	3	Polycarbonate
FEL71800v0-em/st	4.5	150	6500K	3.2V 1500mAh LiFePO ₄	3	Polycarbonate

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

MEGAMAN® TEMPUS



** With Self-Test Function



* With manual Test Function



MEGAMAN® TEMPUS

Emergency Lighting



MEGAMAN® TEMPUS



MEGAMAN® TEMPUS

Emergency Lighting

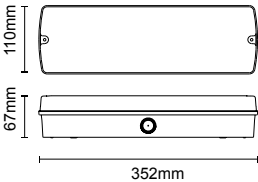
The purpose of emergency lighting is to provide light in the event of a mains or local power supply failure, therefore having a proper emergency lighting in place is a major concern for the builders. MEGAMAN® TEMPUS has a wide range of products to cater different applications.

Features

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

MEGAMAN® TEMPUS

FEL70500v0-em
FEL70500v0-em/st



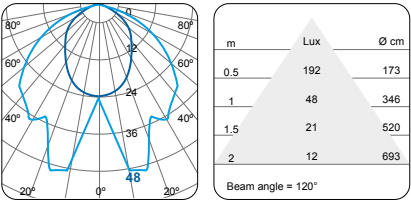
220-240V

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	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

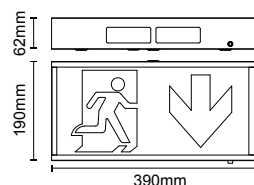


Features

- 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

MEGAMAN® TEMPUS

FEL70600v0-em
FEL70600v0-em/st



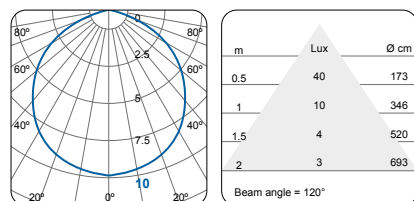
220-240V

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	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



Accessory



LA8089
Direction PVC film,
Arrow left



LA8090
Direction PVC film,
Arrow right



LA8091
Direction PVC film,
Arrow upward

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

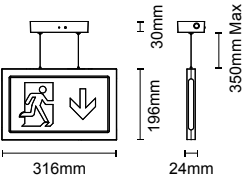
Indoor Lighting / Emergency Lighting / Exit Sign

MEGAMAN® TEMPUS

FEL70700v0-em



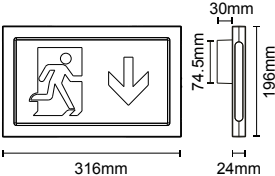
IP20



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	3.5	35	6500K	3.6V 1000mAh Ni-MH	3	Polycarbonate
Surface Mount	FEL71000v0-em/st	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

Accessory



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



LA8092
Direction PVC film, Arrow up

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

MEGAMAN® 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	3.5	35	6500K	3.6V 1000mAh Ni-MH	3	Aluminium

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

Accessory



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



LA8092
Direction PVC film,
Arrow up

Features

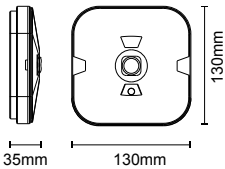
- 3 hours emergency duration
- Maintained operation mode
- Flexible ceiling and cord suspended mounted in one fittings (FEL70700v0-em)
- Max. 500mm length suspension cord (FEL70700v0-em)
- Easy mounting 2-side pictogram (FEL70700v0-em)
- Wall mounted (FEL70800v0-em, FEL70800v0-em/st)
- Easy mounting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

MEGAMAN® TEMPUS

FEL70300v0-em
FEL70300v0-em/st



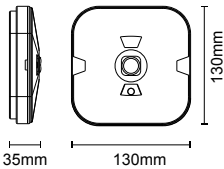
IP54



FEL70400v0-em
FEL70400v0-em/st



IP54

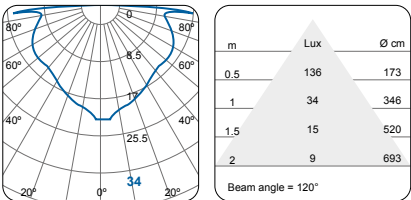


220-240V White (WH12)

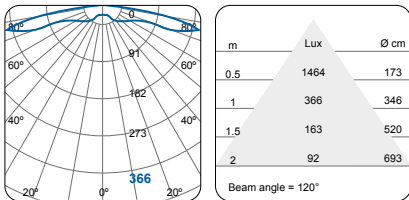
Model No.	Emergency Power (Max. W)	Luminous Flux (lm)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL70300v0-em	3	130	6000K	3.3V 1500mAh LiFePO ₄	3	Polycarbonate
FEL70300v0-em/st	3	130	6000K	3.3V 1500mAh LiFePO ₄	3	Polycarbonate
FEL70400v0-em	3	130	6000K	3.3V 1500mAh LiFePO ₄	3	Polycarbonate
FEL70400v0-em/st	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



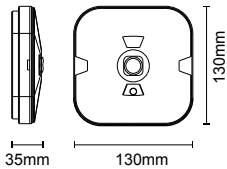
- Features**
- 3 hours emergency duration
 - Non-maintained operation mode
 - IP54 Protection
 - Compact in size
 - Advanced LiFePO₄ battery
 - Touch testing button
 - Open area and corridor optics versions available
 - Comply with EN 60598-2-22, UN 38.3 and IES 62133
 - Overcharge and over-discharge protection, over-temperature protection, short circuit protection
 - Integral status indicator

MEGAMAN® TEMPUS

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



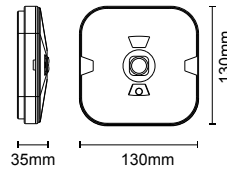
IP54



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



IP54



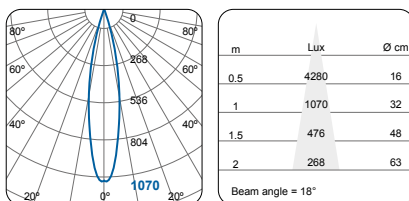
220-240V

White
(WH12)

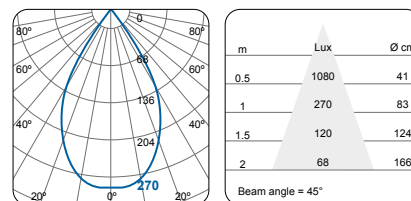
Model No.	Emergency Power (Max. W)	Luminous Flux (lm)	Beam Angle (°)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL71100v0-em+018D	3	200	18	6000K	3.2V 3000mAh LiFePO ₄	3	Polycarbonate
FEL71100v0-em/st+018D	3	200	18	6000K	3.2V 3000mAh LiFePO ₄	3	Polycarbonate
FEL71100v0-em+045D	3	200	45	6000K	3.2V 3000mAh LiFePO ₄	3	Polycarbonate
FEL71100v0-em/st+045D	3	200	45	6000K	3.2V 3000mAh LiFePO ₄	3	Polycarbonate

Model No.	Battery	Output Voltage (VDC)	Capacity mAh
LA11203	LiFePO ₄	6.4	1500

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



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



Features

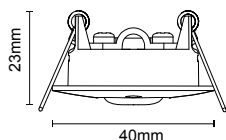
- 3 hours emergency duration
- Non-maintained operation mode
- IP54 Protection
- Compact in size
- Advanced LiFePO₄ battery
- Touch testing button
- Highbay optics and Midbay optics available
- Comply with EN 60598-2-22, UN 38.3 and IES 62133
- Overcharge and over-discharge protection, over-temperature protection, short circuit protection
- Integral status indicator

MEGAMAN® TEMPUS

FEL70100v0-em
FEL70100v0-em/st



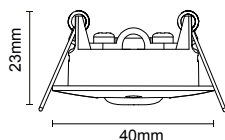
IP20



FEL70200v0-em
FEL70200v0-em/st



IP20



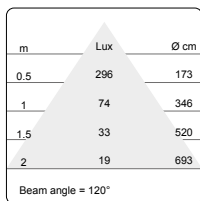
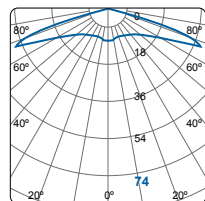
220-240V

White
(WH12)

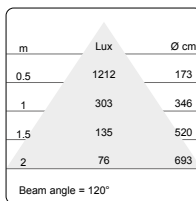
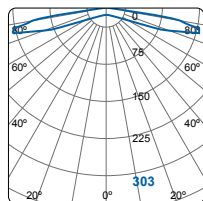
Model No.	Emergency Power (Max. W)	Luminous Flux (lm)	Colour Temp.	Battery	Emergency Duration (hrs)	Materials
FEL70100v0-em	3	120	6000K	3.3V 1500mAh LiFePO ₄	3	Polycarbonate
FEL70100v0-em/st	3	120	6000K	3.3V 1500mAh LiFePO ₄	3	Polycarbonate
FEL70200v0-em	3	120	6000K	3.3V 1500mAh LiFePO ₄	3	Polycarbonate
FEL70200v0-em/st	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

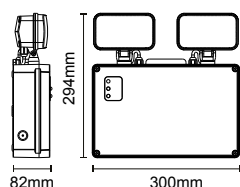
- 3 hours emergency duration
- Non-maintained operation mode
- 850°C glow-wiring test
- Super slim design
- Advanced LiFePO₄ battery
- SELV Constant current output
- Comply with EN 60598-2-22, UN 38 3 and IES 62133
- Overcharge and over-discharge protection, over-temperature protection, short circuit protection
- Integral status indicator

MEGAMAN® TEMPUS

FEL70000v0-em
FEL70000v0-em/st



IP65 Class II



220-240V

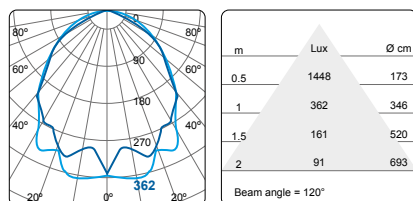
White (WH12)

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	2.3	400	6500K	3	Polycarbonate

Self-Test function

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

FEL70000v0-em
FEL70000v0-em/st

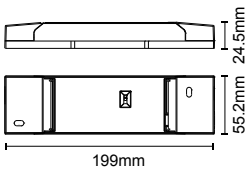


Features

- 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

MEGAMAN® TEMPUS

LA11175
LA11192



220-240V

White
(WH12)

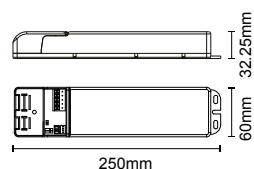
Model No.	Emergency Power (Max. W)	Output Voltage (VDC)	Emergency Duration (hrs)	Materials
LA11175	4	10-90	3	Polycarbonate
LA11192	4	10-90	3	Polycarbonate

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 LiFePO₄ 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

MEGAMAN® 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	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 LiFePO₄ 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

MEGAMAN® HUGO



MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



MEGAMAN® HUGO

Outdoor Integrated LED Floodlight



Switching
CCT



Selectable
Lumen Output



Anti-corrosion

IP66

IK08

Up to
150
lm/W

50000
hrs



50W / 22W



90W / 70W



150W / 120W



200W



300W

MEGAMAN® HUGO



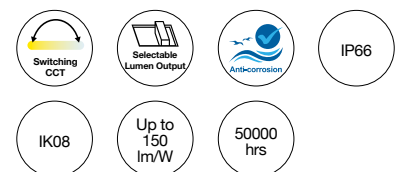
MEGAMAN® HUGO

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 50,000 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

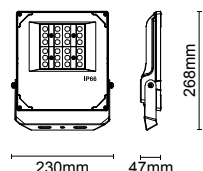


Applications

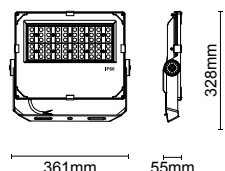
- Buildings near sea side
- Parking lots
- Outdoor sports and stadium
- For recreational sports (tennis courts, basketball courts...)
- Industry
- Public areas

MEGAMAN® HUGO

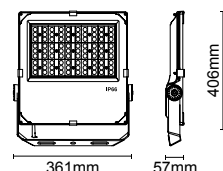
FFL75700v0-ds/sc
FFL75700v0-ds



FFL75800v0-ds/sc
FFL75800v0-ds



FFL75900v0-ds/sc
FFL75900v0-ds



220-240V

Black
(BK12)

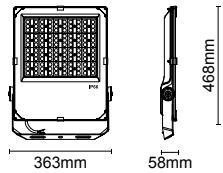
ANTI-CORROSION VERSION

Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B50 at Ta25°C (hrs)	Materials
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 H230 x D47	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 H230 x D47	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 H361 x D55	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 H361 x D55	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 H361 x D57	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 H361 x D57	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket

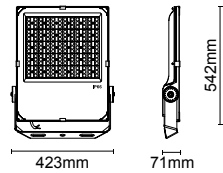
Outdoor Lighting / Floodlight

MEGAMAN® HUGO

FFL76000v0-ds/sc
FFL76000v0-ds



FFL76100v0-ds/sc
FFL76100v0-ds



220-240V

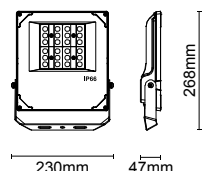
Black
(BK12)

ANTI-CORROSION VERSION

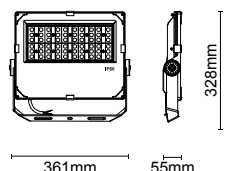
Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B50 at Ta25°C (hrs)	Materials
FFL76000v0-ds/sc	200	27000 (3000K) 30000 (4000K) 28000 (5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L468 x H363 x D58	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL76000v0-ds	200	27000 (3000K) 29000 (4000K) 29000 (5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L468 x H363 x D58	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL76100v0-ds/sc	300	45000 (3000K) 48000 (4000K) 48000 (5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L542 x H423 x D71	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket
FFL76100v0-ds	300	45000 (3000K) 48000 (4000K) 48000 (5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L542 x H423 x D71	70000	Die-casting Aluminium Housing, Stainless Steel 304 Bracket

MEGAMAN® HUGO

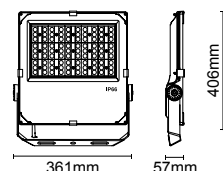
FFL74100v0-ds/sc
FFL74100v0-ds



FFL74200v0-ds/sc
FFL74200v0-ds



FFL74300v0-ds/sc
FFL74300v0-ds



220-240V

Black
(BK12)

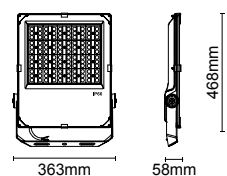
STANDARD VERSION

Model No.	Wattage (W)	Luminous Flux (lm)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B50 at Ta25°C (hrs)	Materials
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 H230 x D47	70000	Die-casting Aluminium
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 H230 x D47	70000	Die-casting Aluminium
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 H361 x D55	70000	Die-casting Aluminium
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 H361 x D55	70000	Die-casting Aluminium
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 H361 x D57	70000	Die-casting Aluminium
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 H361 x D57	70000	Die-casting Aluminium

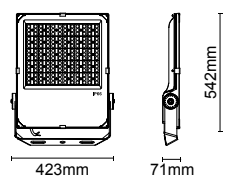
Outdoor Lighting / Floodlight

MEGAMAN® HUGO

FFL74900v0-sc
FFL74900v0



FFL75000v0-sc
FFL75000v0



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 H363 x D58	70000	Die-casting Aluminium
FFL74900v0	200	27000 (3000K) 30000 (4000K) 28000 (5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L468 x H363 x D58	70000	Die-casting Aluminium
FFL75000v0-sc	300	45000 (3000K) 48000 (4000K) 48000 (5700K)	3000/4000/5700K CCT Switchable	Symmetric Optic 60/90/120	L542 x H423 x D71	70000	Die-casting Aluminium
FFL75000v0	300	45000 (3000K) 48000 (4000K) 48000 (5700K)	3000K/4000K/5700K Single CCT	Asymmetric Optic TP3A, 110x40, 135x60	L542 x H423 x D71	70000	Die-casting Aluminium

Accessory

Stainless steel 304 bracket



LA10226
for 50W only

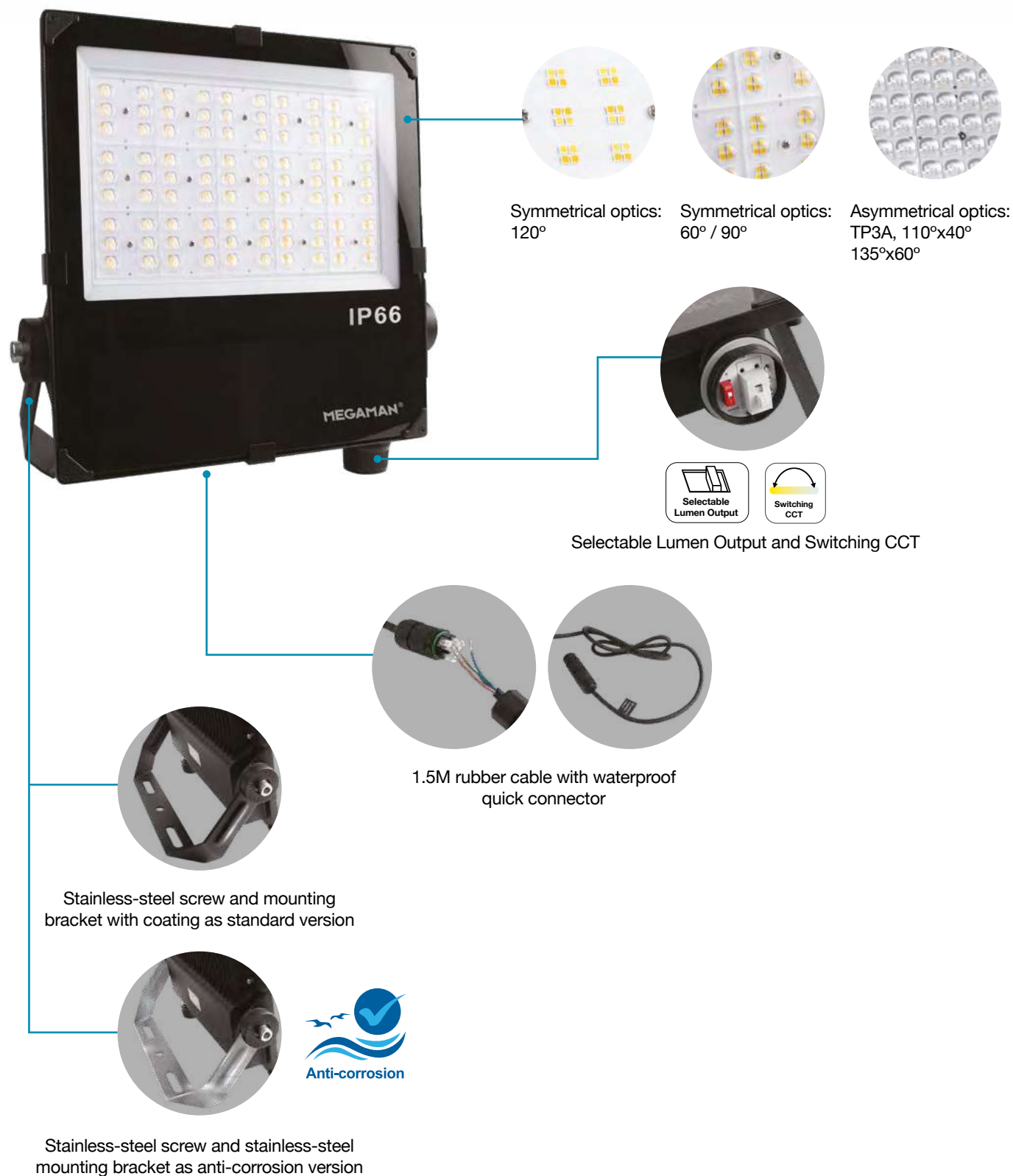


LA10227
for 90 - 200W



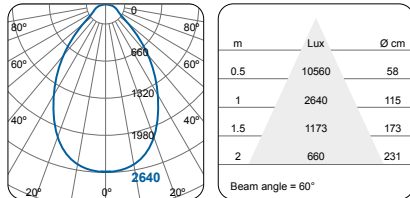
LA10228
for 300W only

MEGAMAN® HUGO

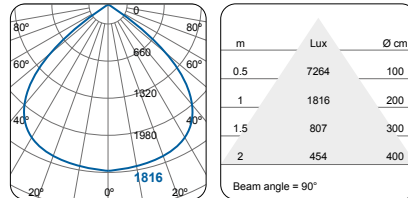


HUGO Photometric Data (Symmetric Optic)

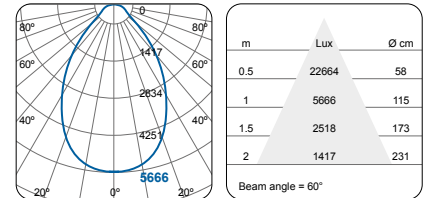
FFL74100v0-ds/sc+060D-22W



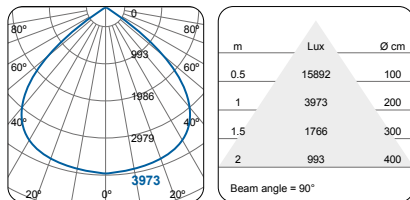
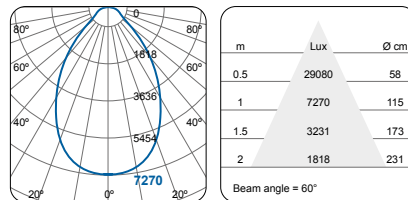
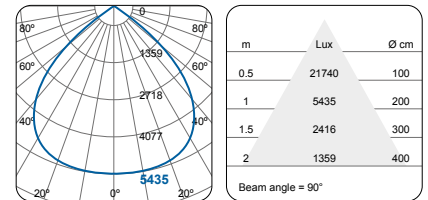
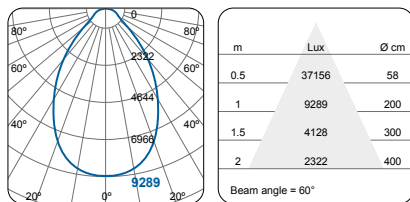
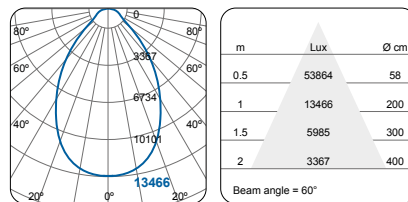
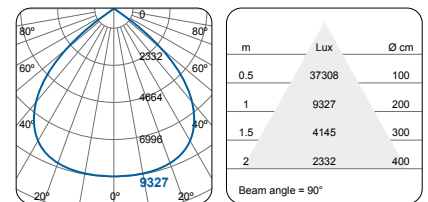
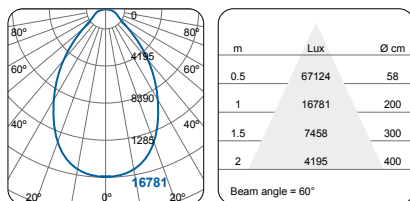
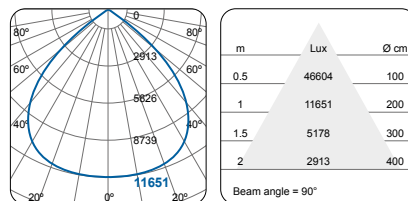
FFL74100v0-ds/sc+090D-22W



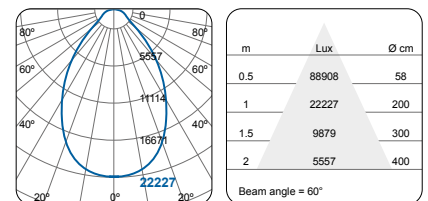
FFL74100v0-ds/sc+060D-50W



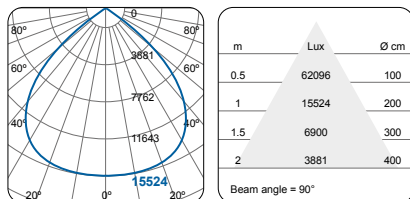
FFL74100v0-ds/sc+090D-22W

FFL74200v0-ds/sc+060D-70W
FFL74200v0-ds+060D-70WFFL74200v0-dssc+090D-70W
FFL74200v0-ds+090D-70WFFL74200v0-ds/sc+060D-90W
FFL74200v0-ds+060D-90WFFL74300v0-dssc+060D-120W
FFL74300v0-ds+060D-120WFFL74300v0-dssc+090D-120W
FFL74300v0-ds+090D-120WFFL74300v0-dssc+060D-150W
FFL74300v0-ds+060D-150WFFL74300v0-dssc+090D-150W
FFL74300v0-ds+090D-150W

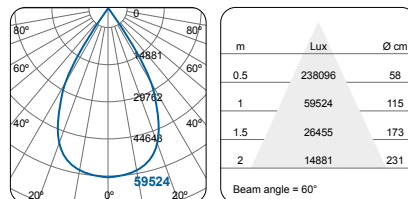
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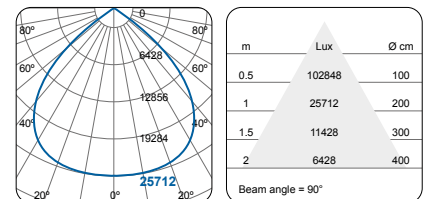
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FFL75000v0-sc+060D-300W

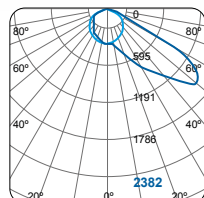


FFL75000v0-sc+090D-300W

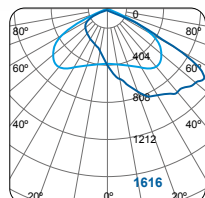


HUGO Photometric Data (Asymmetric Optic)

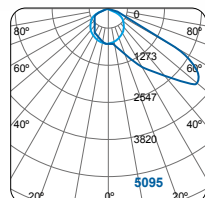
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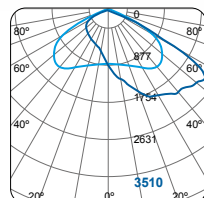
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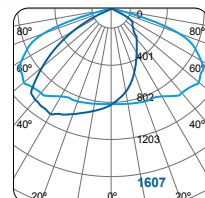
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+040A110A-22W



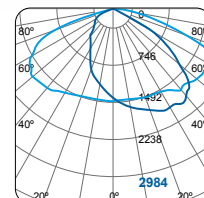
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+060A135A-50W



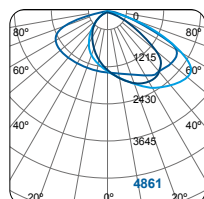
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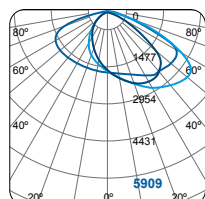
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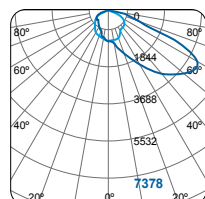
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+TP3A-70W



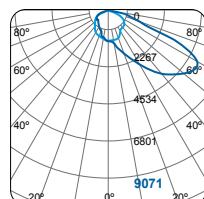
FFL74200v0-ds
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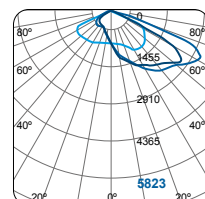
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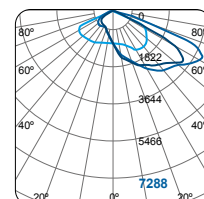
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+040A110A-90W



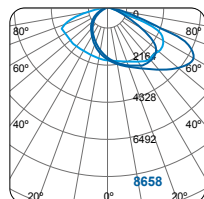
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+060A135A-70W



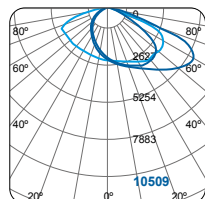
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+060A135A-90W



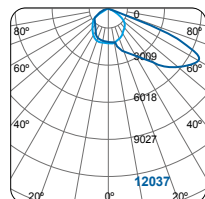
FFL74300v0-ds
+TP3A-120W



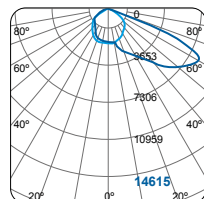
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+TP3A-150W



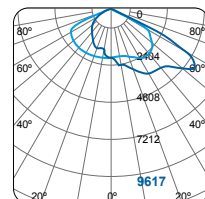
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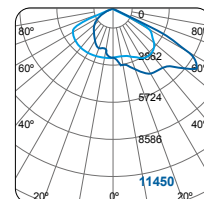
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+040A110A-150W



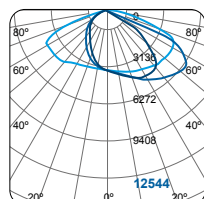
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+060A135A-120W



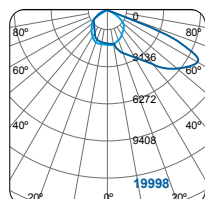
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+060A135A-150W



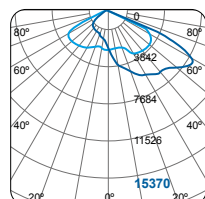
FFL74900v0
+TP3A-200W



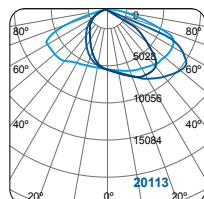
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+040A110A-200W



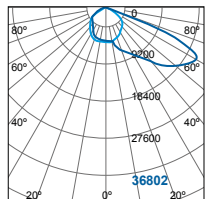
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+060A135A-200W



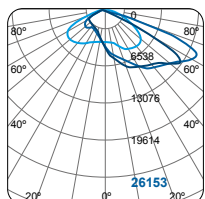
FFL75000v0
+TP3A-300W



FFL75000v0
+040A110A-300W

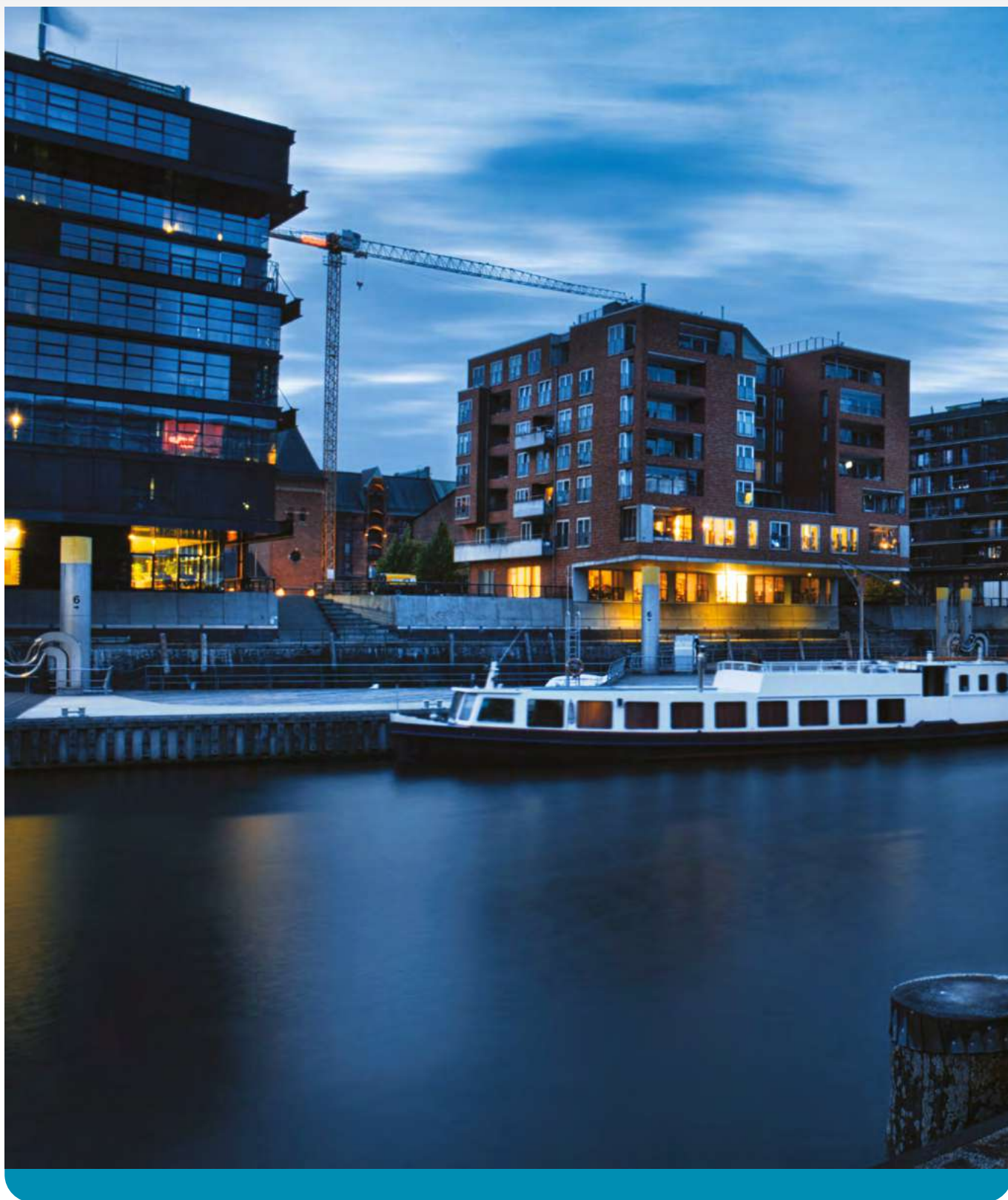


FFL75000v0
+060A135A-300W



Outdoor Lighting / Floodlight

MEGAMAN® HUGO



MEGAMAN® EKON



MEGAMAN® EKON

Outdoor Integrated LED Floodlight

IP66

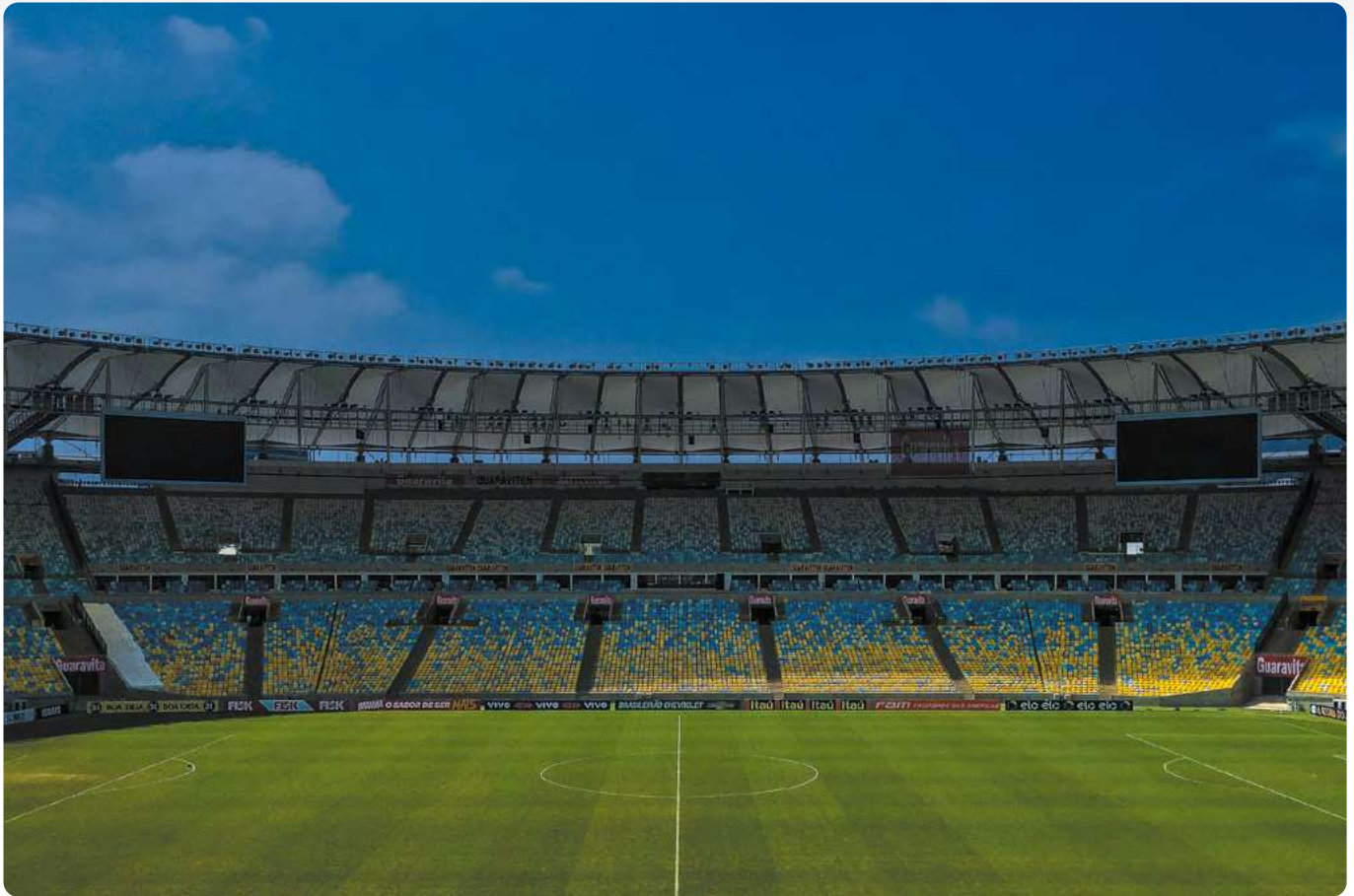
IK09

Up to
140
lm/W

50000
hrs



MEGAMAN® EKON



MEGAMAN® EKON

Outdoor Integrated LED Floodlight

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

IP66

IK09

Up to
140
lm/W50000
hrs

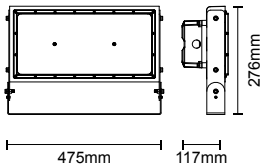
Applications

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

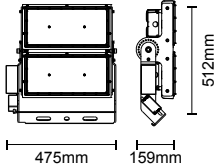
Outdoor Lighting / Floodlight

MEGAMAN® EKON

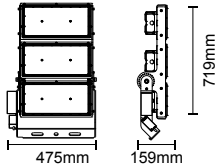
FFL73600v0



FFL73700v0



FFL73800v0

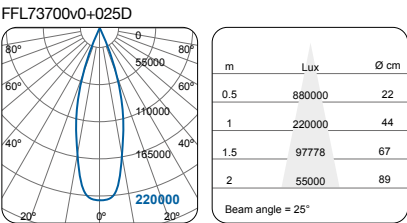


220-240V

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

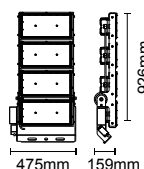
Asymmetrical								
Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency Lm/W	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L80B10 at Ta30°C	Power Factor (λ)
FFL73600v0	250	35000	140	4000K/5000K/5700K	130x25/130x60	L276 x W475 x H117	50000	>0.95
FFL73700v0	500	70000	140	4000K/5000K/5700K	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



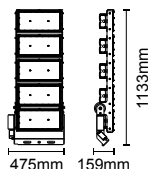
Outdoor Lighting / Floodlight

MEGAMAN® EKON

FFL73900v0



FFL74000v0



220-240V

Black
(BK24)

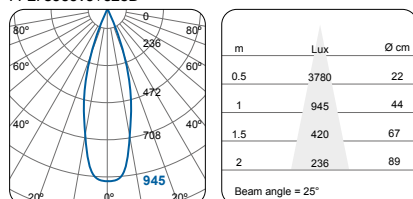
Symmetrical

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



MEGAMAN® VOSS



MEGAMAN® VOSS

Outdoor Integrated LED Floodlight

IP65

IK08

Class
I



10W



20W



30W



is available for 10W, 20W, 30W & 50W



50W



100W

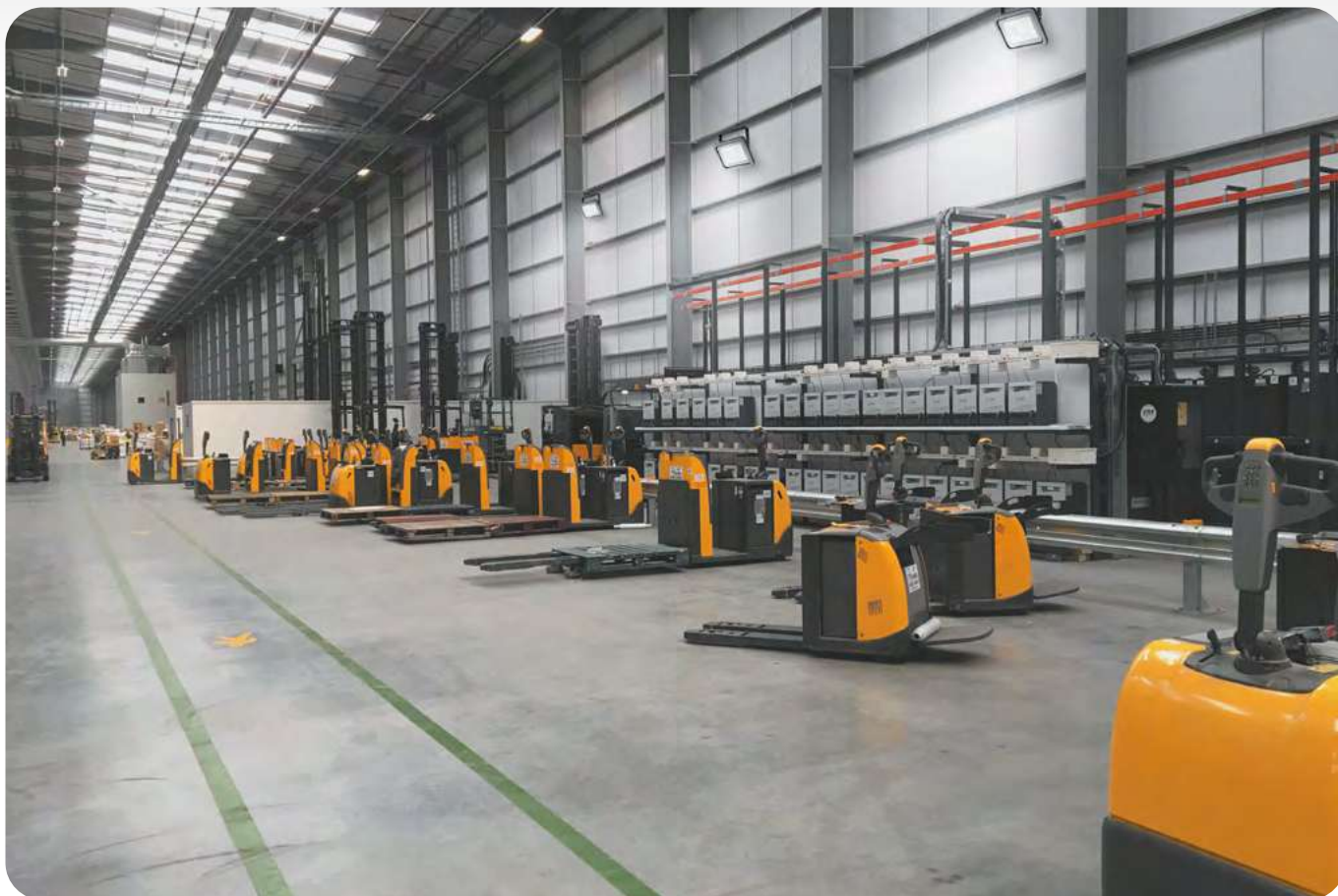


150W



200W

MEGAMAN® VOSS



MEGAMAN® VOSS

Outdoor Integrated LED Floodlight

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

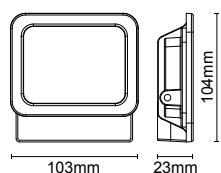
Accessory



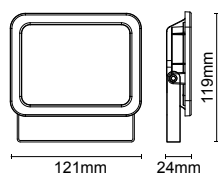
LA8143 – Extension arm

MEGAMAN® VOSS

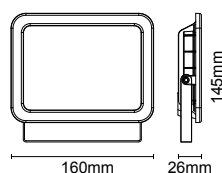
FFL71800v0



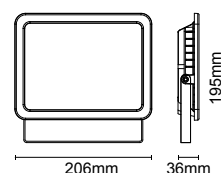
FFL71900v0



FFL72000v0



FFL72100v0



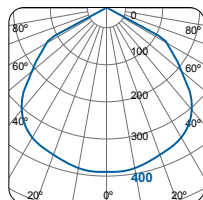
220-240V

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

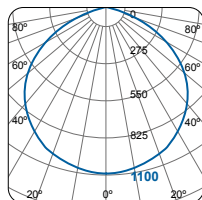
FFL71800v0



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

Beam angle = 110°

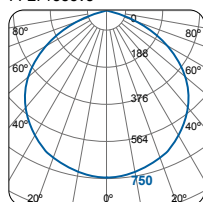
FFL72000v0



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

Beam angle = 110°

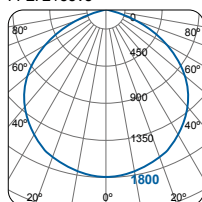
FFL71900v0



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

Beam angle = 110°

FFL72100v0



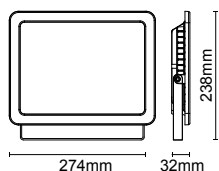
m	Lux	Ø cm
0.5	7200	143
1	1800	286
1.5	800	428
2	450	571

Beam angle = 110°

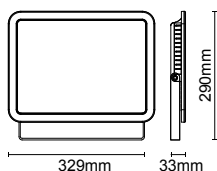
Outdoor Lighting / Floodlight

MEGAMAN® VOSS

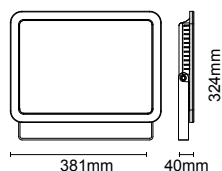
FFL72200v0



FFL72300v0



FFL72400v0



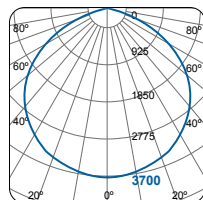
220-240V

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

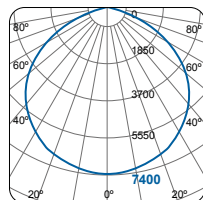
FFL72200v0



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

Beam angle = 110°

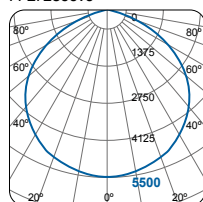
FFL72400v0



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

Beam angle = 110°

FFL72300v0

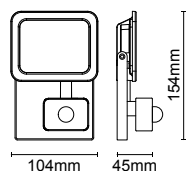


m	Lux	Ø cm
0.5	22000	143
1	5500	286
1.5	2444	428
2	1375	571

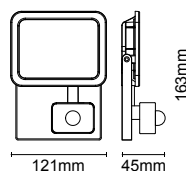
Beam angle = 110°

MEGAMAN® VOSS

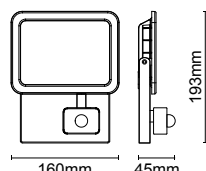
FFL71800v0-ps



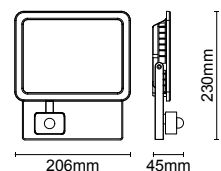
FFL71900v0-ps



FFL72000v0-ps



FFL72100v0-ps



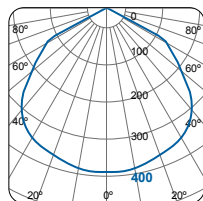
220-240V

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

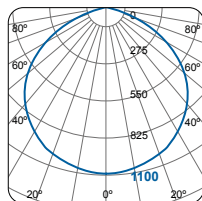
FFL71800v0-ps



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

Beam angle = 110°

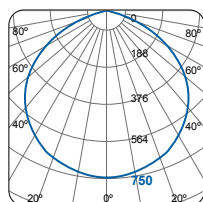
FFL72000v0-ps



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

Beam angle = 110°

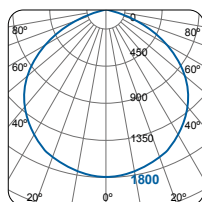
FFL71900v0-ps



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

Beam angle = 110°

FFL72100v0-ps

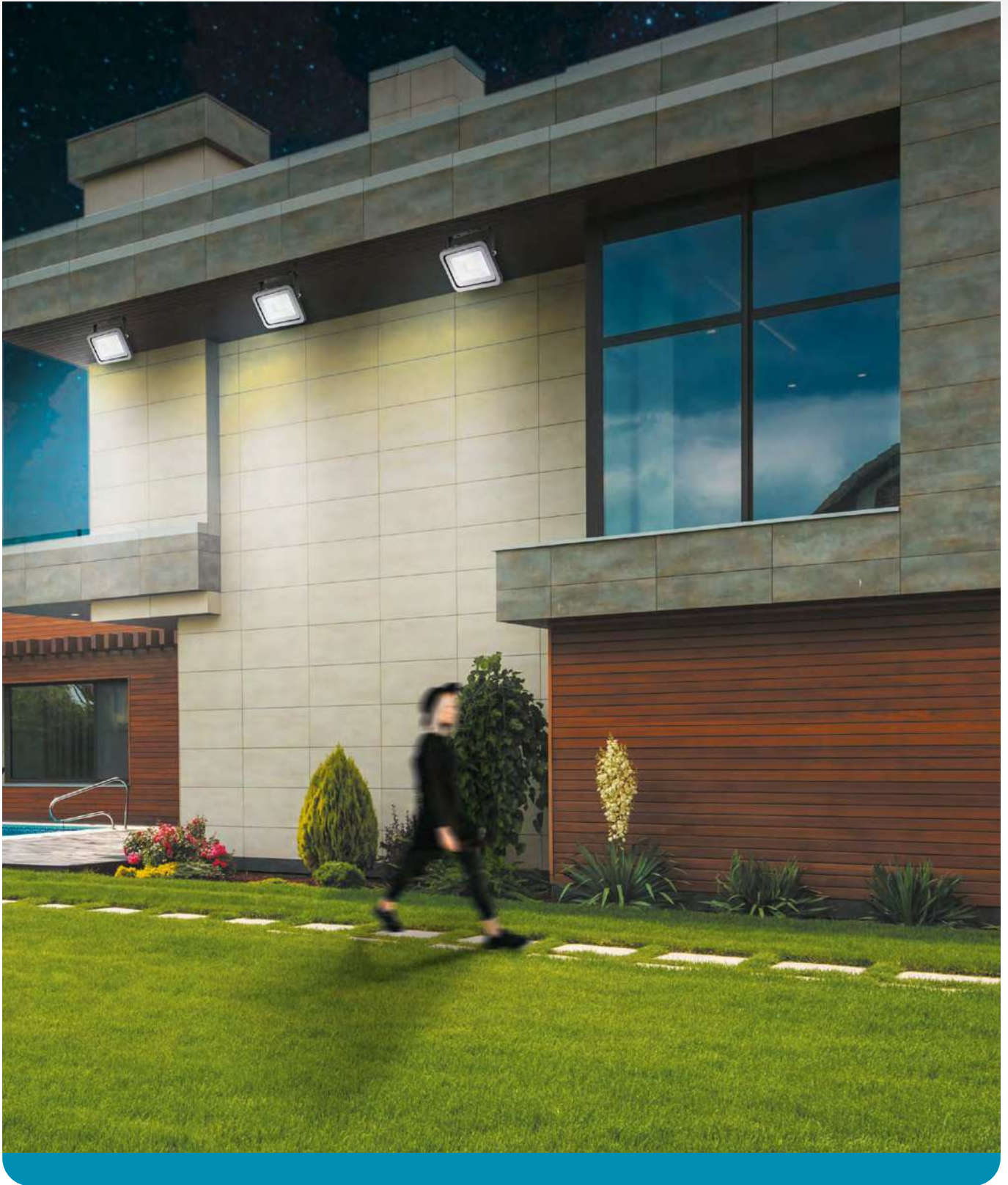


m	Lux	Ø cm
0.5	7200	143
1	1800	286
1.5	800	428
2	450	571

Beam angle = 110°

Outdoor Lighting / Floodlight

MEGAMAN® VOSS



MEGAMAN® FONDA XChange

NEW

MEGAMAN®
Performa
FIXTURE RANGE
HIGH PERFORMANCE & QUALITY FROM MEGAMAN®



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.

MEGAMAN® FONDA XChange



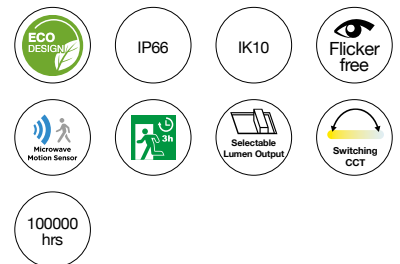
MEGAMAN® FONDA XChange

Modular LED Outdoor Bulkhead

MEGAMAN® FONDA XChange is a revolutionises outdoor lighting solutions that combines environmental sustainability with advanced modular features. Eco-design with replaceable light source and control gear setting a new standard of eco-friendliness. 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
- Eco-design with replaceable light source and control gear
- 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

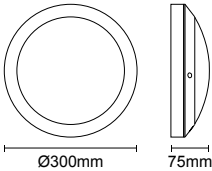


Applications

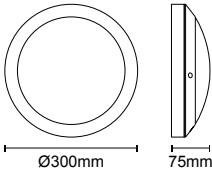
- Car parks
- Warehouses
- Stairwells
- Corridor

MEGAMAN® FONDA XChange

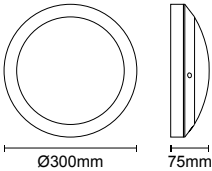
FBH71500v0-ds/sc



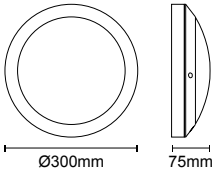
FBH71500v0-ds/sc+LA10217



FBH71500v0-ds/sc+LA10218



FBH71500v0-ds/sc
+LA10217+LA10218



220-240V



100lm/W Version

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp.	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FBH71500v0-ds/sc	20/15/10 Selectable	1880/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	94/93/93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø300 x H75	100000	Polycarbonate
FBH71500v0-ds/sc +LA10217	20/15/10 Selectable	1880/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	94/93/93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø300 x H75	100000	Polycarbonate
FBH71500v0-ds/sc +LA10218	20/15/10 Selectable	1880/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	94/93/93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø300 x H75	100000	Polycarbonate
FBH71500v0-ds/sc +LA10217+LA10218	20/15/10 Selectable	1880/1400/930 (3000K) 2000/1500/1000 (4000K/6500K)	94/93/93 (3000K) 100 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø300 x H75	100000	Polycarbonate

Accessory



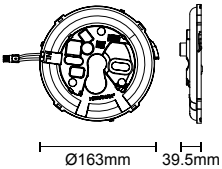
LA10217
Microwave Motion
Sensor



LA10218
Emergency Kit
Module

MEGAMAN® FONDA XChange

XCD0157A0v00-ds/sc

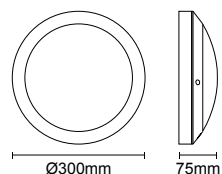
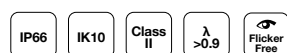


220-240V

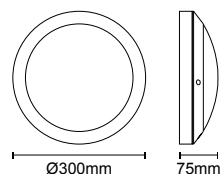
100lm/W Version							
Replaceable module for RENZO XChange & FONDA XChange	Model No.	Wattage (W)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp.	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)
100lm/W LED module for D330 & D390 replaceable	XCD0157A0v00-ds/sc+WB02	20/15/10 Selectable	2600/1950/1300 (3000K) 2900/2175/1450 (4000K/6500K)	130 (3000K) 145 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø163 x 39.5	100000

MEGAMAN® FONDA XChange

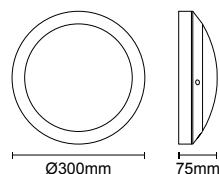
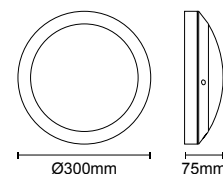
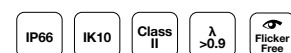
FBH71500v1-ds/sc



FBH71500v1-ds/sc+LA10217



FBH71500v1-ds/sc+LA10218

FBH71500v1-ds/sc
+LA10217+LA10218

220-240V



120lm/W Version

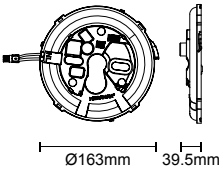
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp.	Dimension (mm)	Rated Life at L80B10 at Ta25°C (hrs)	Materials
FBH71500v1-ds/sc	20/15/10 Selectable	2220/1680/1100 (3000K) 2400/1800/1200 (4000K/6500K)	111/112/110 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø300 x H75	100000	Polycarbonate
FBH71500v1-ds/sc +LA10217	20/15/10 Selectable	2220/1680/1100 (3000K) 2400/1800/1200 (4000K/6500K)	111/112/110 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø300 x H75	100000	Polycarbonate
FBH71500v1-ds/sc +LA10218	20/15/10 Selectable	2220/1680/1100 (3000K) 2400/1800/1200 (4000K/6500K)	111/112/110 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø300 x H75	100000	Polycarbonate
FBH71500v1-ds/sc +LA10217+LA10218	20/15/10 Selectable	2220/1680/1100 (3000K) 2400/1800/1200 (4000K/6500K)	111/112/110 (3000K) 120 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø300 x H75	100000	Polycarbonate

Accessory

LA10217
Microwave Motion
SensorLA10218
Emergency Kit
Module

MEGAMAN® FONDA XChange

XCD0157A0v01-ds/sc+WB02

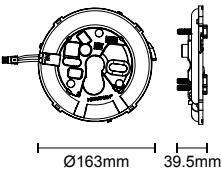


220-240V

120lm/W Version							
Replaceable module for RENZO XChange & FONDA XChange	Model No.	Wattage (W)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp.	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 Selectable	2800/2100/1400 (3000K) 3100/2330/1550 (4000K/6500K)	140 (3000K) 155 (4000K/6500K)	3000K/4000K/6500K Switchable	Ø163 x 39.5	100000

MEGAMAN® 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)	Light Output (lm)	Luminous Efficacy (lm/W)	Colour Temp. [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 Switchable	Ø163 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 Switchable	Ø163 x 39.5	100000

MEGAMAN® FONDA XChange



Outdoor Lighting / Outdoor Wall Lamp

MEGAMAN® HERA

NEW



MEGAMAN® HERA

Outdoor Wall Lamp

IP65

30000
hrs



Outdoor Lighting / Outdoor Wall Lamp

MEGAMAN® HERA



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

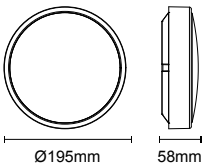
- Car parks
- Public area
- Stairwells
- Corridors
- Garden and balcony

MEGAMAN® HERA

FBH71900v0



IP65

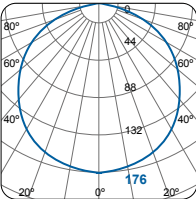


220-240V

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



m	Lux	Ø cm
0.5	704	143
1	176	286
1.5	78	728
2	44	571

Beam angle = 110°

Defaulted 2 frames for FBH71900v0



Accessory



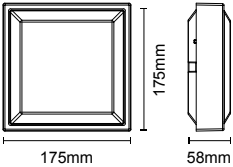
Outdoor Lighting / Outdoor Wall Lamp

MEGAMAN® HERA

FBH72000v0



IP65

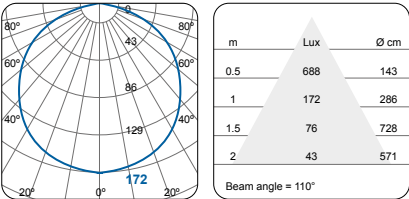


220-240V

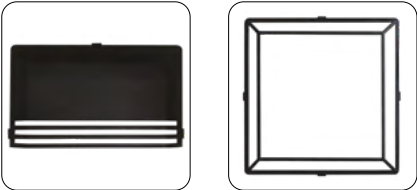
Black
(BK12)

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



Defaulted 2 frames for FBH72000v0



Accessory



LED Oval Bulkhead

MEGAMAN® ODI



MEGAMAN® ODI

LED Oval Bulkhead

IP54

IK08



Flicker
free

25000
hrs



Microwave
Motion Sensor



Selectable
Lumen Output



LED Oval Bulkhead

MEGAMAN® ODI



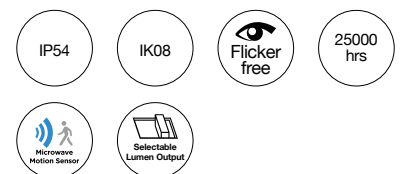
MEGAMAN® ODI

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

LED Oval Bulkhead

MEGAMAN® ODI

FBH70100v0-ds
FBH70100v0-ds/ms



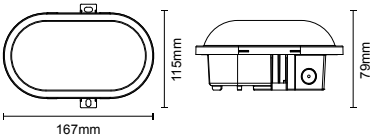
IP54

IK08

Class II

120°

Flicker Free

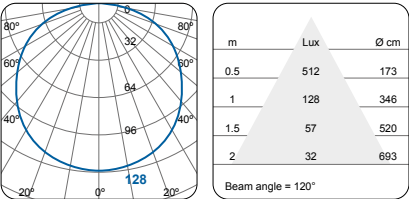


220-240V

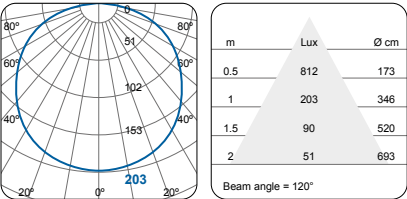
Silver (SV12)

Model No.	Wattage (W)	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

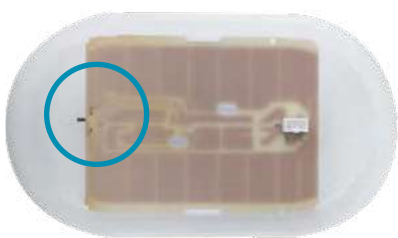


FOB70100v0-ds/ms



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)



Outdoor Lighting / Bulkhead

MEGAMAN® LYRA

NEW

essentials MEGAMAN®
+ VALUE FOR MONEY + RELIABLE + EVERYDAY + LED FIXTURES +

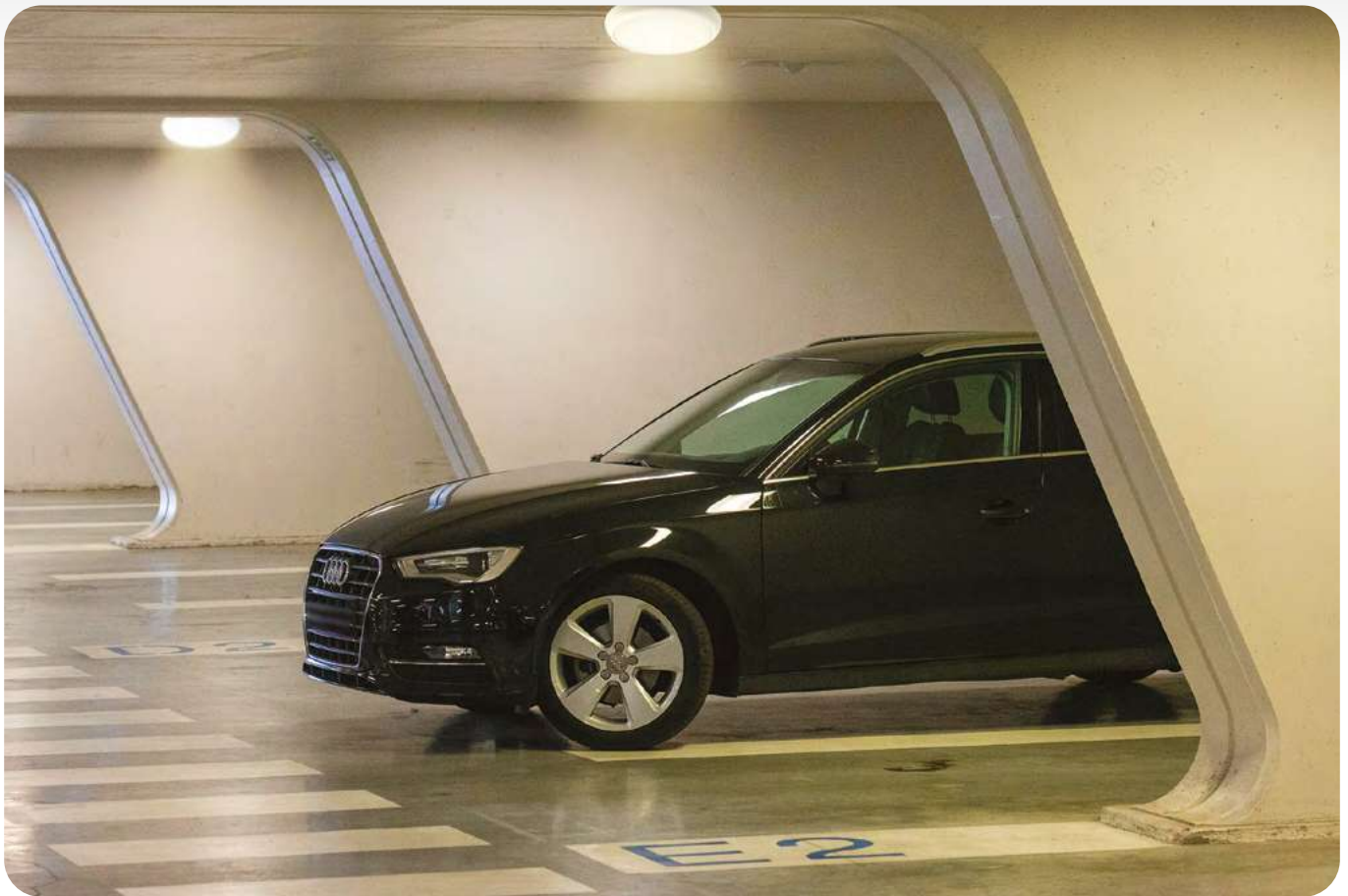


MEGAMAN® LYRA

LED Bulkhead



MEGAMAN® LYRA



MEGAMAN® LYRA

LED Bulkhead

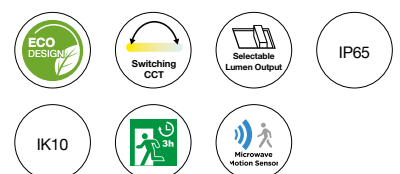
MEGAMAN® LYRA bulkhead adopts a full arc surface design, giving it a softer appearance. The LEDs are arranged in a special pattern, resulting in a more uniform light distribution compared to other outdoor luminaires. When used for extended periods in work or daily life, the light does not cause eye fatigue,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

Features

- Eco-design with replaceable light source and control gear
- 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

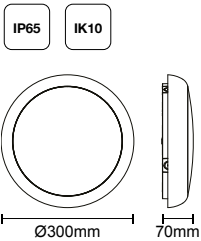


Applications

- Stairwells
- Corridors
- Warehouses
- Car parks

MEGAMAN® LYRA

FBH72100v0-ds/sc

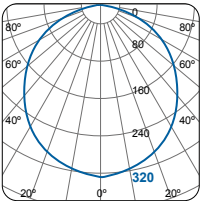


220-240V

White (WH12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Angle (°)	Colour Temp.	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 H70	50000	PC

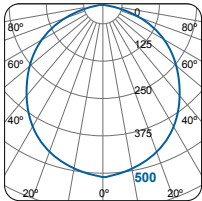
FBH72100v0-ds/sc (9W)



m	Lux	Ø cm
0.5	1280	143
1	320	286
1.5	142	428
2	80	571

Beam angle = 110°

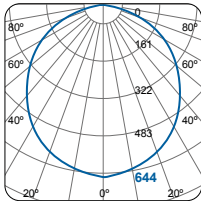
FBH72100v0-ds/sc (14W)



m	Lux	Ø cm
0.5	2000	143
1	500	286
1.5	222	428
2	125	571

Beam angle = 110°

FBH72100v0-ds/sc (18W)



m	Lux	Ø cm
0.5	2576	143
1	644	286
1.5	286	428
2	161	571

Beam angle = 110°

Accessory



LA10247/WH
Bezel
(White)



LA10247/BK
Bezel
(Black)



LA10247/CH
Chrome Rim
(Silver)



LA10229
Microwave Motion
Sensor



LA10230
Emergency Kit
Module

MEGAMAN® LYRA



MEGAMAN® CODY



MEGAMAN® CODY

Outdoor Bulkhead

IP65

IK08

25000
hrs



MEGAMAN® CODY



MEGAMAN® CODY

Outdoor Bulkhead

MEGAMAN® CODY is a cost-effective bulkhead available in both oval and round options. It is constructed with corrosion free plastic housing and with UV resistant opal diffuser, together IP65 waterproof protection structure. An effective LED replacement for conventional outdoor bulkhead.

Features

- Compact and Ultra Slim Outdoor Bulkhead
- Cost effective LED Outdoor Bulkhead solution for mains voltage with good system light yield for energy-saving operation
- IP65 waterproof protection and IK08 for vandal resistance
- Corrosion free with plastic housing and UV resistant opal diffuser
- Homogeneous light output
- Oval and round options available
- Wide range of sizes allow retrofit for traditional outdoor bulkhead
- Simple and neat screw-less design

IP65

IK08

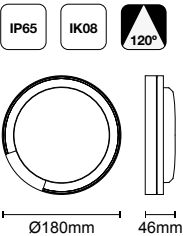
25000
hrs

Applications

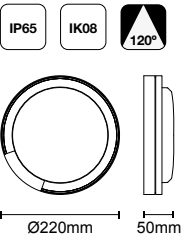
- Stairwells
- Corridors
- Patios

MEGAMAN® CODY

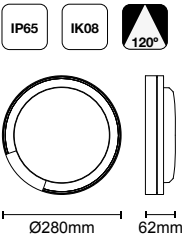
FBH70500v0



FBH70600v0



FBH70700v0



220-240V

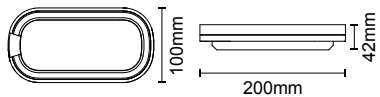
White (WH12) Black (BK12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH70500v0	15	1080 (3000K) 1200 (4000K/6500K)	72 (3000K) 80 (4000K/6500K)	3000K/4000K/6500K	Ø180 x H46	25000	Plastic Housing + Opal Diffuser
FBH70600v0	20	1140 (3000K) 1600 (4000K/6500K)	57 (3000K) 80 (4000K/6500K)	3000K/4000K/6500K	Ø220 x H50	25000	Plastic Housing + Opal Diffuser
FBH70700v0	24	1800 (3000K) 2000 (4000K/6500K)	75 (3000K) 83 (4000K/6500K)	3000K/4000K/6500K	Ø280 x H62	25000	Plastic Housing + Opal Diffuser

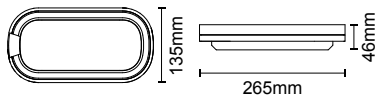
Outdoor Lighting / Bulkhead

MEGAMAN® CODY

FBH70800v0



FBH70900v0



220-240V



Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp.	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH70800v0	12	900 (3000K) 960 (4000K/6500K)	75 (3000K) 80 (4000K/6500K)	3000K/4000K/6500K	W100 x L200 x H42	25000	Opal Housing + Plastic Diffuser
FBH70900v0	20	1340 (3000K) 1440 (4000K/6500K)	67 (3000K) 72 (4000K/6500K)	3000K/4000K/6500K	W135 x L265 x H46	25000	Opal Housing + Plastic Diffuser

MEGAMAN® RONDA



MEGAMAN® RONDA

Outdoor Integrated LED Bulkhead

IP65

IK08

λ
>0.9


120°



MEGAMAN® RONDA



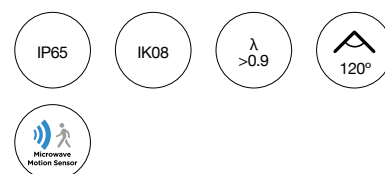
MEGAMAN® RONDA

Outdoor Integrated LED Bulkhead

MEGAMAN® RONDA is a round shaped LED bulkhead perfectly for outdoor lighting. It is constructed with corrosion free plastic housing and UV resistant opal diffuser, together with IP65 waterproof protection structure. With additional optional features of built in microwave sensor for energy saving.

Features

- Cost effective LED outdoor bulkhead solution for mains voltage with good system yield
- Built in microwave sensor option for energy saving operation
- IP65 protection and high vandal resistant with IK08
- Homogeneous light output
- Loop through structure
- Compatible to mount in UK Beza box



Applications

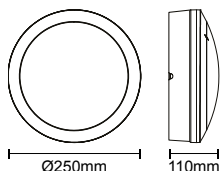
- Car parks
- Warehouses
- Stairwells
- Corridors

Accessory

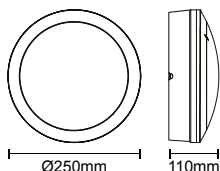
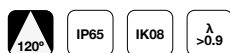


MEGAMAN® RONDA

FBH71300v0
FBH71300v1



FBH71300v0-ms
FBH71300v1-ms



220-240V

White
(WH12)

Standard Version

Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH71300v0	12	1100	92	4000K	120	Ø250 x H100	30000	PC Housing + PC Diffuser
FBH71300v1	14	1300	92	4000K	120	Ø250 x H100	30000	PC Housing + PC Diffuser

Motion Sensor version

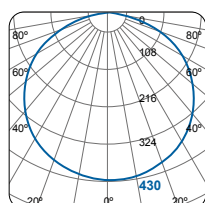
Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH71300v0-ms	13	1100	85	4000K	120	Ø250 x H100	30000	PC Housing + PC Diffuser
FBH71300v1-ms	15	1300	87	4000K	120	Ø250 x H100	30000	PC Housing + PC Diffuser

RONDA E27 version

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Materials
FBH71401v0	40	Ø250 x H100	A60 E27 lamp base x 1	PC Housing + PC Diffuser

* Lamp is not included

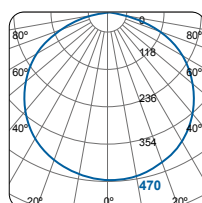
FBH71300v0



m	Lux	Ø cm
0.5	1720	173
1	430	346
1.5	191	520
2	108	693

Beam angle = 120°

FBH71300v1



m	Lux	Ø cm
0.5	1880	173
1	470	346
1.5	209	520
2	118	693

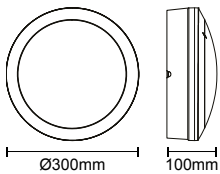
Beam angle = 120°

Max. 40W
LED A60
E27

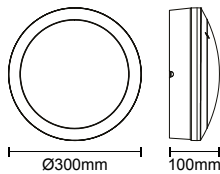
Outdoor Lighting / Bulkhead

MEGAMAN® RONDA

FBH71400v0
FBH71400v1



FBH71400v0-ms
FBH71400v1-ms



220-240V

White
(WH12)

Standard Version

Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH71400v0	18	1650	92	4000K	120	Ø300 x H100	30000	PC Housing + PC Diffuser
FBH71400v1	24	2200	92	4000K	120	Ø300 x H100	30000	PC Housing + PC Diffuser

Motion Sensor version

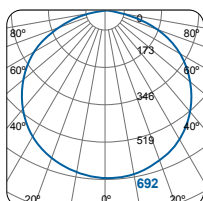
Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH71400v0-ms	19	1650	87	4000K	120	Ø300 x H100	30000	PC Housing + PC Diffuser
FBH71400v1-ms	25	2200	88	4000K	120	Ø300 x H100	30000	PC Housing + PC Diffuser

RONDA E27 version

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Materials
FBH71401v1	40	Ø300 x H100	A60 E27 lamp base x 2	PC Housing + PC Diffuser

* Lamp is not included

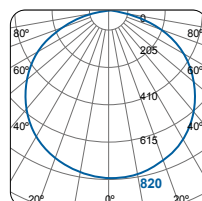
FBH71400v0



m	Lux	Ø cm
0.5	2768	173
1	692	346
1.5	308	520
2	173	693

Beam angle = 120°

FBH71400v1



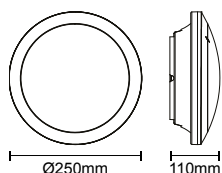
m	Lux	Ø cm
0.5	3280	173
1	820	346
1.5	364	520
2	205	693

Beam angle = 120°

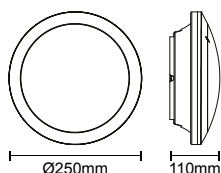
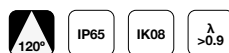
Max. 40W
LED A60
E27

MEGAMAN® RONDA

FBH72600v0
FBH72600v1



FBH72600v0-ms
FBH72600v1-ms



220-240V

White
(WH12)

Standard Version

Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH72600v0	12	1100	92	4000K	120	Ø250 x H100	30000	PC Housing + PC Diffuser
FBH72600v1	14	1300	92	4000K	120	Ø250 x H100	30000	PC Housing + PC Diffuser

Motion Sensor version

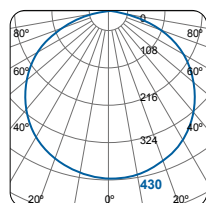
Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH72600v0-ms	13	1100	85	4000K	120	Ø250 x H100	30000	PC Housing + PC Diffuser
FBH72600v1-ms	15	1300	87	4000K	120	Ø250 x H100	30000	PC Housing + PC Diffuser

RONDA E27 version

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Materials
FBH72701v0	40	Ø250 x H100	A60 E27 lamp base x 1	PC Housing + PC Diffuser

* Lamp is not included

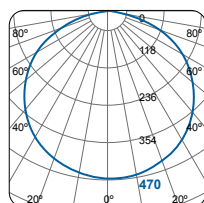
FBH72600v0



m	Lux	Ø cm
0.5	1720	173
1	430	346
1.5	191	520
2	108	693

Beam angle = 120°

FBH72600v1



m	Lux	Ø cm
0.5	1880	173
1	470	346
1.5	209	520
2	118	693

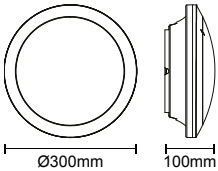
Beam angle = 120°

Max. 40W
LED A60
E27

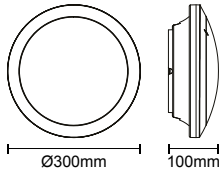
Outdoor Lighting / Bulkhead

MEGAMAN® RONDA

FBH72700v0
FBH72700v1



FBH72700v0-ms
FBH72700v1-ms



220-240V

White
(WH12)

Standard Version

Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH72700v0	18	1650	92	4000K	120	Ø300 x H100	30000	PC Housing + PC Diffuser
FBH72700v1	24	2200	92	4000K	120	Ø300 x H100	30000	PC Housing + PC Diffuser

Motion Sensor version

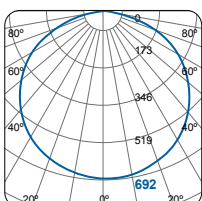
Model No.	Wattage (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temp.	Beam Angle (°)	Dimension (mm)	Rated Life at L70B50 at Ta25°C (hrs)	Materials
FBH72700v0-ms	19	1650	87	4000K	120	Ø300 x H100	30000	PC Housing + PC Diffuser
FBH72700v1-ms	25	2200	88	4000K	120	Ø300 x H100	30000	PC Housing + PC Diffuser

RONDA E27 version

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Materials
FBH72701v1	40	Ø300 x H100	A60 E27 lamp base x 2	PC Housing + PC Diffuser

* Lamp is not included

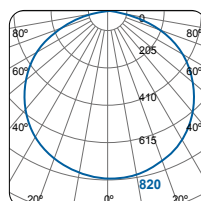
FBH72700v0



m	Lux	Ø cm
0.5	2768	173
1	692	346
1.5	308	520
2	173	693

Beam angle = 120°

FBH72700v1



m	Lux	Ø cm
0.5	3280	173
1	820	346
1.5	364	520
2	205	693

Beam angle = 120°

Max. 40W
LED A60
E27

MEGAMAN® TEKA 2

NEW



MEGAMAN® TEKA 2

Garden Lighting

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

IP65

IK06

Class
I

35000
hrs

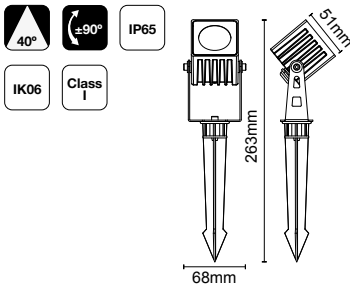
Applications

- Gardens
- Driveways
- Small lanes

Outdoor Lighting / Garden Lighting

MEGAMAN® TEKA 2

FFL76700v0
FFL76700v0+EUPLUG
FFL77000v0
FFL77000v0+EUPLUG



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
FFL76700v0	5	450	90	40	580	W51x L68 x H263	3000K	35000	3x1.0mm ² 30cm Open Wire	Aluminium+Temper Glass
FFL76700v0+EUPLUG	5	450	90	40	580	W51 x L68 x H263	3000K	35000	3x1.0mm ² 3M EU Plug	Aluminium+Temper Glass
Round Shape										
FFL77000v0	5	450	90	40	580	W60 x L68 x H283	3000K	35000	3x1.0mm ² 30cm Open Wire	Aluminium+Temper Glass
FFL77000v0+EUPLUG	5	450	90	40	580	W60 x L68 x H283	3000K	35000	3x1.0mm ² 3M EU Plug	Aluminium+Temper Glass

MEGAMAN® 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

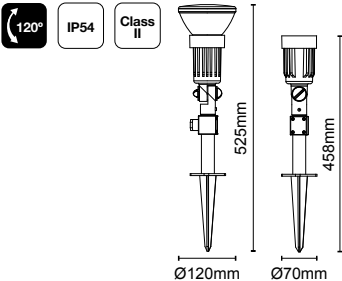
Applications

- Gardens
- Driveways
- Small lanes

Outdoor Lighting / Garden Lighting

MEGAMAN® CAPPI

F32114SP



220-240V

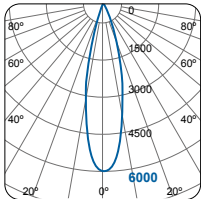
Black
(BK12)



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

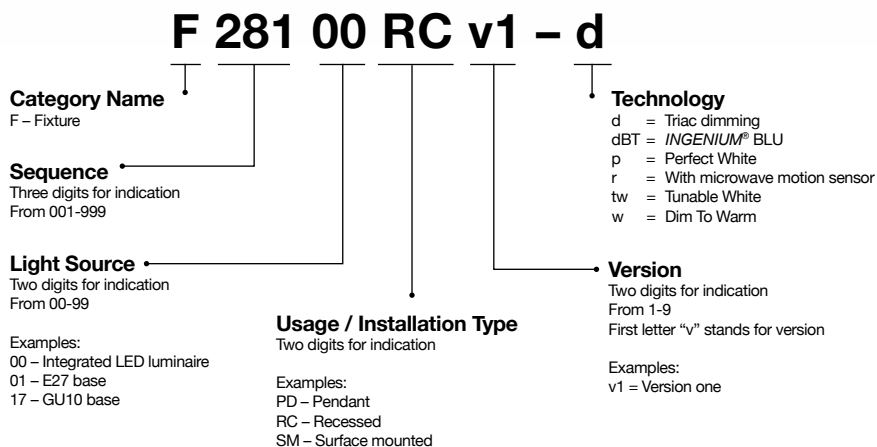


m	Lux	Ø cm
0.5	24000	22
1	6000	44
1.5	2667	67
2	1500	89

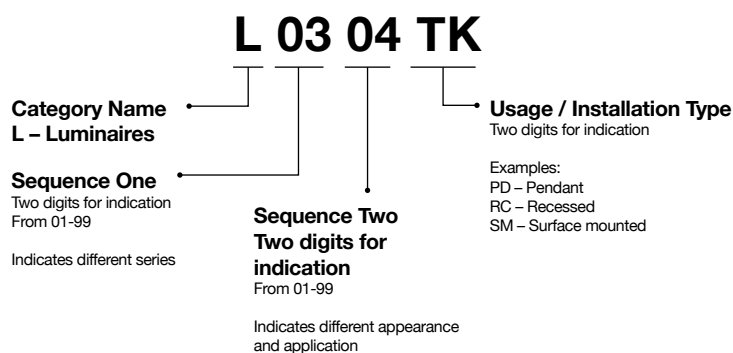
Beam angle = 25°

Decoding the MEGAMAN® Model Number

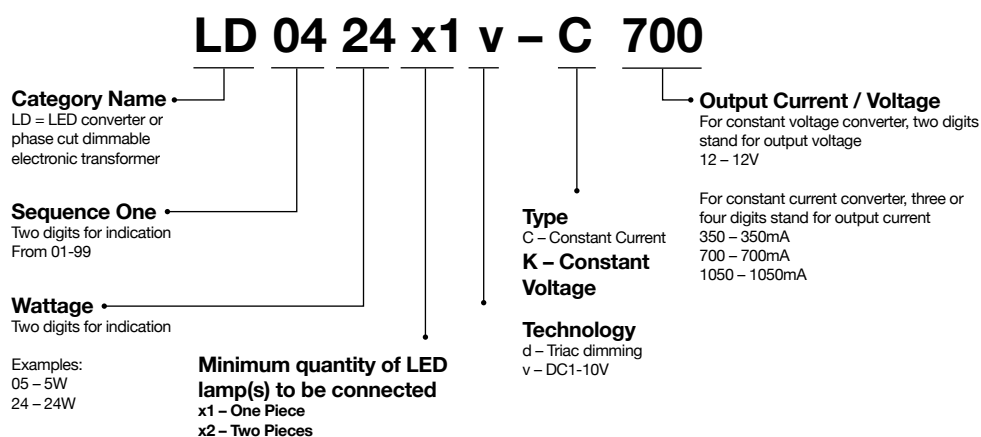
Nomenclature of Luminaires (Products launched after 2006)



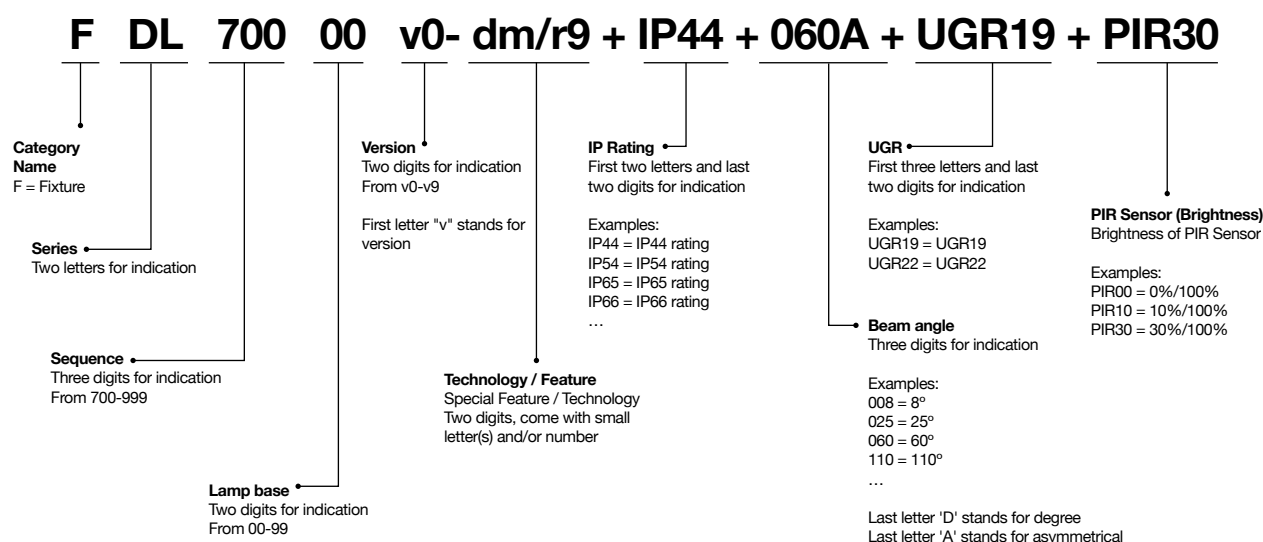
Nomenclature of Luminaires (Products before 2006)



Nomenclature of LED Converters and Phase Cut Dimmable Electronic Transformer



Upgrade of Nomenclature System



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 <i>INGENIUM</i> ® BLU technology, start with 'b'		
-dBT	-b1	<i>INGENIUM</i> ® BLU Gen 1
-dBT2	-b2	<i>INGENIUM</i> ® BLU Gen 2
Product with <i>INGENIUM</i> ® ZB technology, start with 'z'		
-dZB	-zb	<i>INGENIUM</i> ® 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	Ultra 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

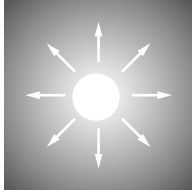
Code			Description (Colour, material, main process, 2nd process/texture, sequence)	Reference RAL Colour and Pantone
BK	1	1	Black, Plastic, Injected, Glossy, #1	RAL9004
BK	1	2	Black, Plastic, Injected, Matt, #2	RAL9004
BK	2	1	Black, Metal, Paint sprayed, Glossy, #1	RAL9005
BK	2	2	Black, Metal, Paint sprayed, 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	

Product Code

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	

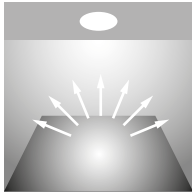
Symbol Information



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.

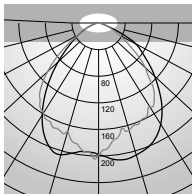


Luminous Intensity

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.

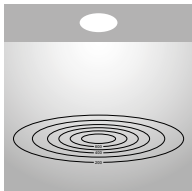
Most light sources emit the light at different strengths in different directions, the intensity distribution must be given for all directions to have a complete description of the light field. The representation in a polar-coordinate diagram is called a luminous intensity distribution curve.



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.

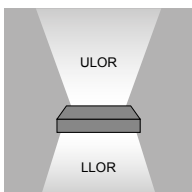


Illuminance

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).

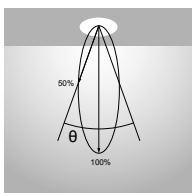
This is used to measure the brightness level of a working surface or an area. The illumination level is often represented with isolux-curves.



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.

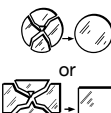


Class III - SELV

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	Stainless Steel
Acetic acid 10%	+	+	+
Acetone	-	-	+
Alcoholic beverages	+	0	+
Aluminium sulphate	+	+	0
Ammonia 5%	-	+	+
Aniline	-	-	+
Arsenic acid 20%	+	+	+
Benzene	-	-	0
Bencylic alcohol	-	-	0
Bromine	-	-	-
Calcium Chloride	+	+	0
Calcium nitrate	+	+	0
Carbon tetrachloride	-	-	0
Carbonic acid	-	-	+
Caustic potash 5%	-	+	0
Cement	+	+	0
Hydrochloric acid 1-5%	+	+	-
Chlorine liquids (vapours)	-	-	0
Chloroform	-	-	+
Chromic acid	0	0	0
Citric acid 20%	+	+	0
Copper sulphate	+	+	0
Diesel-naphta oil	0	+	+
Ethyl alcohol 30%	+	0	+
Ethyl chloride	-	-	+
Ethyl ether	-	-	0
food oils and fats	-	+	+
formic acid 10%	+	+	0
Glycerine	+	+	+
Hexane	+	+	+
Iodine	-	+	-
Iron chloride	+	+	-
Isopropyl alcohol	0	0	0
Lubricating oil	+	+	+
Magnesium sulphate	+	+	+
Methanol	-	0	+
Mineral oils	+	+	+
Nitric acid 20%	0	+	+

Chemical Resistance

Chemical Agents	Polycarbonate	PMMA	Strainless Steel
Oxygen	+	+	+
Ozone	+	+	o
Perchloric acid 10%	+	+	-
Petrol	-	+	+
Phenol	-	-	o
Potassium bromide	+	+	o
Potassium nitrate	+	+	o
Potassium 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



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