

A festive party scene with people holding sparklers and glasses of wine. The background is a collage of images showing a man and a woman celebrating, with sparklers and wine glasses visible. The overall atmosphere is celebratory and warm.

**MEGAMAN®**

# LED

LIGHT SOURCE

Product Guide 2019-2020

---



# CONTENTS

## ABOUT MEGAMAN®

- 04 Who We Are
- 04 MEGAMAN® Milestones
- 05 Rigorous Quality and Management Systems
- 05 Innovative and Unique Products
- 06 Product Series and GTM Range

## TECHNOLOGY

- 08 DUAL BEAM TECHNOLOGY
- 09 U-DIM
- 10 PERFECT WHITE
- 11 RICHCOLOUR
- 12 DIM TO WARM
- 13 STEP TO WARM
- 14 2-STEP DIMMING

- 16 Nomenclature

## SMART LIGHTING SOLUTION

- 21 *INGENIUM®* ZB

## DIRECTIONAL LAMP

- 27 AR111
- 28 PAR16
- 30 MR16
- 31 PAR20, PAR30S & PAR38
- 32 R50, R63 & R80
- 33 MR11

## NON-DIRECTIONAL LAMP

- 34 CLASSIC
- 36 P45
- 38 CANDLE
- 39 GLOBE
- 40 ST64
- 41 GX53
- 42 T-LAMP
- 43 LILIPUT

## DECORATIVE

- 44 G4
- 45 G9
- 46 CROWN SILVER
- 47 DECORATIVE LAMP

## TUBE

- 48 T5
- 49 T8

## SPECIAL APPLICATION

- 51 CLUSTERLITE®
- 52 PLANT LAMP
- 53 SENSOR LIGHT
- 54 FIRE LAMP
- 55 NIGHT LIGHT

## GO-TO-MARKET(GTM) SERIES

- 56 CLASSIC
- 56 CANDLE
- 57 T8



## About MEGAMAN®

### 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 the company's innovative LED lighting solutions.

MEGAMAN® is proud to be the only major 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 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 control, a full range of components and a suite of low-energy fixtures.

- *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 Luminaires and Lamps are developed for both indoor and outdoor applications across diverse industries
- TECOH® high performance LED Components are designed indifferent shapes, sizes and lumen packages to meet customer specifications
- 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.

## MEGAMAN® Milestones

- 2018** Launched Dual Beam Technology (DBT) which empowers to have two beam angles in one single lamp/luminaire
- 2016** Launched U-DIM™ technology offers seamless dimming and is compatible with the widest range of existing dimmers  
Launched Hybrid Reflector technology with excellent optics, efficacy and beam control
- 2015** Launched *INGENIUM*® ZB smart lighting solution which is scalable and extendable for home and commercial spaces
- 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** R9 technology introduced to LED range
- 2010** Launched the first MEGAMAN® LED Candle and Classic
- 2009** Innovative Thermal Conductive Highway™ (TCH) technology incorporated into MEGAMAN® LED reflectors
- 2008** Amalgam technology is employed in full CFL range
- 2007** *DIMMERABLE*® technology introduced to CFL range
- 2005** DorS technology introduced to CFL range  
Industry first RoHS compliant CFL
- 2004** *INGENIUM*® technology is introduced to CFL lamps for long life and short preheating time
- 2002** Industry first CFL GU10 reflector launched.  
Introduced Silicone Protection technology to CFL range
- 1999** Patented Cooling-Tube technology introduced to CFL range
- 1997** Industry first candle-shaped CFL launched
- 1996** Industry first classic-shaped CFL launched
- 1994** MEGAMAN® incorporated in Germany

## Rigorous Quality and Management Systems

All MEGAMAN® products are designed, tested and produced in our 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, the manufacturing plants are equipped with their own assembly lines. The in-house laboratory is IOS 17025 certified by CNAs, and is eligible to perform on-site testing for Dekra and TÜV Rheinland.

The MEGAMAN® business runs under the most stringent management and quality systems. The green elements of production process are maximized, employee welfare is prioritized 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® products are manufactured and certified to ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 and SA 8000:2014.

### Corporate Social Responsibility

MEGAMAN® has received OHSAS 18001:2007 and SA8000:2014 confirming the level of care for employees and reinforcing the company's pledge to be socially responsible.

### Controlling the Use of Hazardous Substances

MEGAMAN® products meet international quality standard and the manufacturing processes are closely monitored to ensure ultimate control of hazardous substances.



### Product Quality Assurance

MEGAMAN® products 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 products 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!

## A new era in LED lighting solutions.

### Unique Features

- Energy efficient replacement for traditional metal halide, CFL, halogen and incandescent lamps
- Deliver superb lighting performance
- High luminous efficacy up to 177lm/W
- High lumen maintenance rated lumen maintenance of 70% (L70) at up to 50,000 hours
- Long rated life up to 50,000 hours
- High colour rendering up to Ra97
- High colour temperature consistency
- Enhanced colour applications of Perfect White, Dim to Warm and RichColour series
- Options of different beam angles for the LED Reflector range
- Up to 91% energy savings
- Simple installation and servicing
- No UV and IR radiation

### Additional Benefits

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

### Applications

- Boutiques / Shops
- Shopping Malls
- Hotels / Restaurants / Lounges
- Museums
- Galleries
- Offices
- Household

# PRODUCT SERIES

As a leading innovator of LED technology, MEGAMAN® has developed an extensive range of LED products for various domestic and commercial applications. Our products are classified into four categories, namely Professional, Smart, Economy and Go-To-Market series. Each series has its own features designed to meet every need of consumers and professionals.

## Professional Series

Suitable for commercial and high-end interior applications, the Professional series delivers high quality and comfortable light sources. This series possesses the advantages of powerful lighting performance, perfect optical design and excellent colour rendering. Having a similar profile and outlook to traditional halogen lamps, the MEGAMAN® LED reflector in Professional series is designed with unique technology such as our Hybrid Reflector and Dual Beam Technology (DBT) which offers a flexible choice of beam angles in one single luminaire.

## Smart Series

This series is a value-added option for consumers looking for high quality lighting at affordable prices. Featuring superb light output with high efficacy and performance, the Smart series is an ideal replacement for traditional incandescent or halogen lamps. The benefits of energy savings up to 90% and longer lamp life add to its appeal for consumers.

## Economy Series

The most economical option among all series which serves an entry-level LED solution to replace halogen, incandescent and CFL lamps. Its long rated lamp life and high energy savings provide all the advantages you expect over traditional lighting products, but with the MEGAMAN® guarantee of quality.

## Go-To-Market(GTM) Series

MEGAMAN® has newly launched the Go-To-Market (GTM) Series which targets new customers with incentive price. This series underlines the fact that it can be applied from launching new products or even moving a current product into a new market. This is a pricing strategy where the price of a product is initially set low to rapidly reach a wide fraction of the market.



LED by  
MEGAMAN®

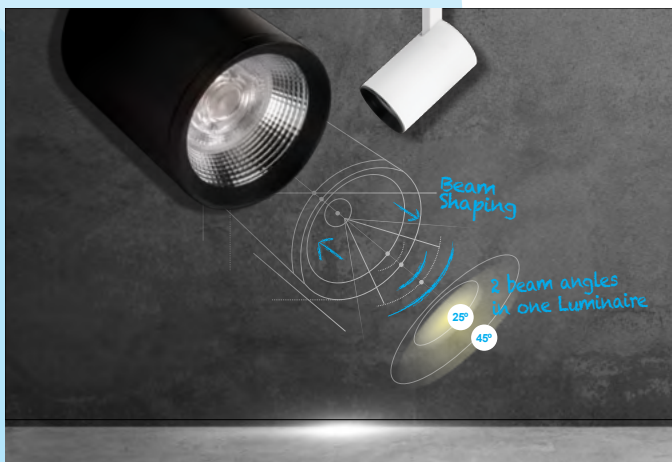
# Dual Beam Technology



## Two Beam Angles in One Luminaire

MEGAMAN® pioneered an innovative approach for switching the size of the light spot with a simple push action on luminaires featured with Dual Beam Technology. With this technology one can shape the light spot of the luminaire from a narrow beam to a wider beam angle.

The term “Dual Beam” refers to the dual function of a luminaire. It can be set to project a narrow beam or a wider beam. Luminaires with “Dual Beam” function provide users unparalleled flexibility and convenience when adjusting the contrast between ambient and accent lighting on-site, eliminating the hustle and bustle of changing luminaire with a different beam angle. In some cases, fixtures with specific beam angle are not readily available and subsequent arrangement will cause inevitable delay in completing projects. Choosing luminaires equipped with MEGAMAN®’s Dual Beam Technology will put you at ease when doing projects.



## How It Works

The mechanism that makes Dual Beam illumination possible is cleverly engineered into the DBT-enabled luminaire. To shape the beam angle of such luminaire, simply apply a push action on the front lens. This unique mechanism enables users to switch beam angles instantly from a narrow beam to a wider beam and vice versa.

Let us take one luminaire model as an example. As shown below, the default beam angle setting is 24° (the lens is in an extended position - Fig 1). By applying a push action on the front lens, users can adjust the beam angle to as broad as 36° or 45° (subject to model number) as the front lens is pushed to a retracted position - Fig 2.

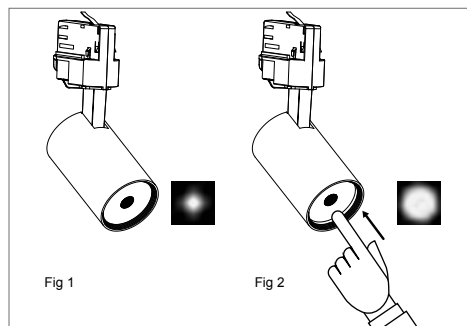


Fig 1: The lens in extended position, producing narrow beam light effect.  
Fig 2: The lens in retracted position, producing wider beam light effect.





# U-DIM™



## Flicker free dimming compatible with widest range of existing dimmers



With the phase out of high-energy consuming traditional light sources, lighting manufacturers have a responsibility to make it as easy as possible for consumers to make the switch to LED lighting. It is with this in mind that MEGAMAN® has developed a revolutionary U-DIM™ technology that makes switching to LED easy.

Over the years traditional light sources have required different types of dimmers depending on their technology. The revolution that LED brings to lighting by replacing all types of conventional sources means a universal solution is required for LED to dim on all these existing circuits.

Up to now, when replacing traditional lamps with LED, working with an incompatible dimmer may have caused a multitude of issues from flickering to failure. MEGAMAN® lamps with U-DIM™ is a breakthrough in dimming technology and makes our lamps compatible with the widest possible range of existing dimmers, whether they are Leading-edge or Trailing Edge. It is easy to use, you just 'plug & play' so it takes the headache out of upgrading your lighting scheme. MEGAMAN® U-DIM™ also allows superior performance, flicker-free dimming from 100% right down to just 5%; combine this with our latest Dim to Warm technology and you can even have the exact same warmth as halogen when dimmed for a cosy ambience.

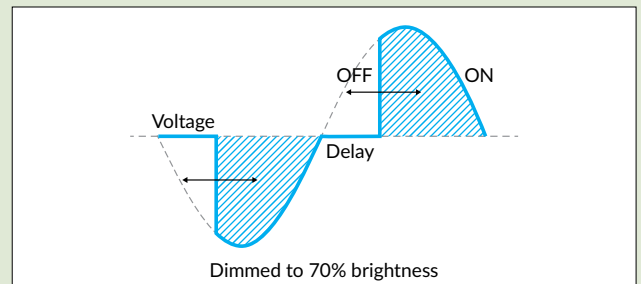
U-DIM™ technology will be offered as standard with MEGAMAN® lamps using eye-catching hybrid reflector technology. With mains voltage halogen reflector lamps being phased out in the EU from September 1st 2016, this means you can rely on MEGAMAN® LEDs to replace your halogen lamps in terms of dimming compatibility, performance and aesthetics, while benefiting from the energy-savings offered by LED technology.

Leading-edge and Trailing-edge are the most popular dimmers used for conventional light sources. They work by chopping out parts of the voltage and reducing power to the light source in order to achieve the dimming performance.

### Leading-edge

also known as 'forward-phase control dimmers', 'triac dimmers' or 'incandescent dimmers'

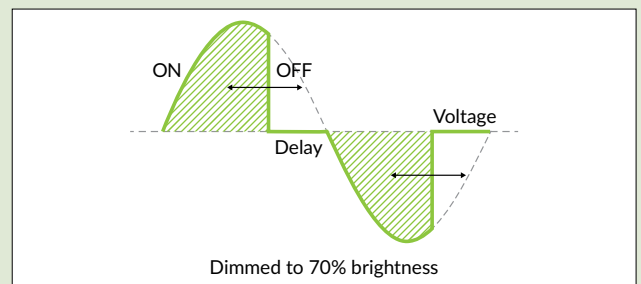
Leading-edge dimmer switches were used originally to dim incandescent and halogen lamps magnetic low voltage transformers.



### Trailing-edge

also known as 'reverse-phase control dimmer' or 'electronic dimmers'

Trailing-edge dimmers are traditionally used for electronic drivers or low voltage transformers (capacitive loads).



# Perfect White



## Brings whites to life

MEGAMAN® Perfect White technology is a solution that offers retailers a distinct advantage enhancing textiles by bringing whites to life while still offering superb efficacy and energy efficiency, compared to traditional light sources. It is ideally suited for retail lighting as well as other accent and display applications. The Perfect White range produces a high quality light that mimics the effect of daylight on white objects, giving them a natural vibrancy that makes them stand out from crowd.

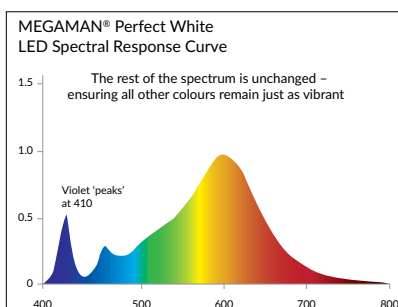
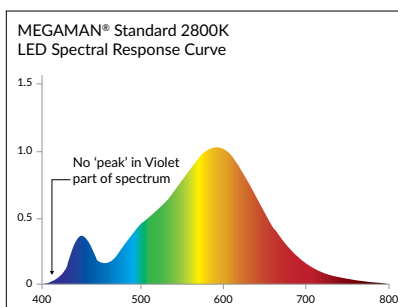
Designed to replace 75W halogen AR111, MEGAMAN® LED AR111 reflectors with Perfect white Technology saves up to 84% of energy while delivering excellent light output. Its long lasting nature greatly reduces maintenance time and the glass cover design makes maintenance even easier.

## So how does it work?

MEGAMAN® 's Perfect White introduces violet light with a peak at 410nm in the near visible, non-harmful part of the spectrum - also found in natural sunlight - to provide an output that closely mimics the effect of natural daylight on white objects.

How does MEGAMAN® achieve this?

Many white objects and especially textiles found in retail stores contain Fluorescent Whitening Agents (FWAs) which, when excited, fluoresce – giving the object a brighter and livelier appearance. This is why clothes often look better when shown in natural daylight. Importantly the violet element within MEGAMAN®'s Perfect White technology, leaves the rest of the spectrum unchanged - so other colours maintain their vibrancy too. The violet just excites the FWAs, producing a 'Perfect' white finish that not only makes the product leap out from any background but increases contrast. As a result retail shops, in particular fashion stores, will find their merchandise more attractive and convincing when exposed to Perfect White's light source.




# RichColour

MEGAMAN® RichColour is a range of LED lamps designed to maximise the richness and quality of colours. With high colour rendering of Ra90 or above, MEGAMAN® RichColour is the perfect LED replacement for halogen lamps in applications where the faithful colour reproduction associated with natural light is crucial. These places include retail stores, art galleries and museums.


# Ultra RichColour


Taking colour enhancement yet a step further, MEGAMAN® Ultra RichColour combines all the benefits of standard RichColour technology with even better color rendering quality of up to Ra97, featuring enhanced red colour rendition (R9) of  $\geq 75$  - maximising the visual impact of meat, fresh fruit and vegetables. The well-balanced and high quality light of Ultra RichColour lamps makes them the perfect choice for food and other display lighting applications where the visual appeal of items is essential.



**Ultra RichColour**


High colour rendition of Ra  $\geq 97$   
+  
High red colour rendition (R9) value of  $\geq 75$

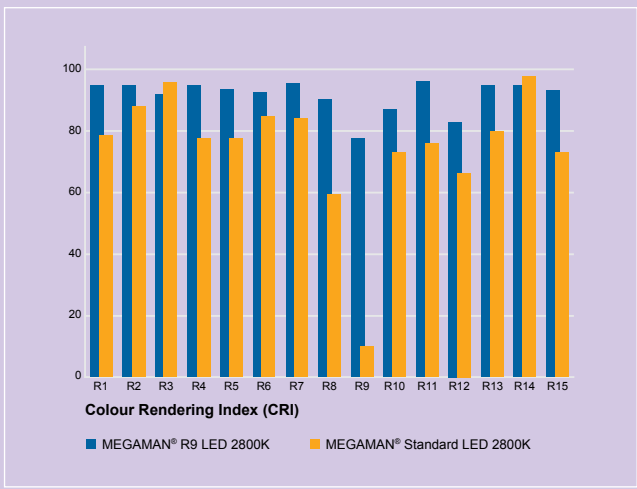
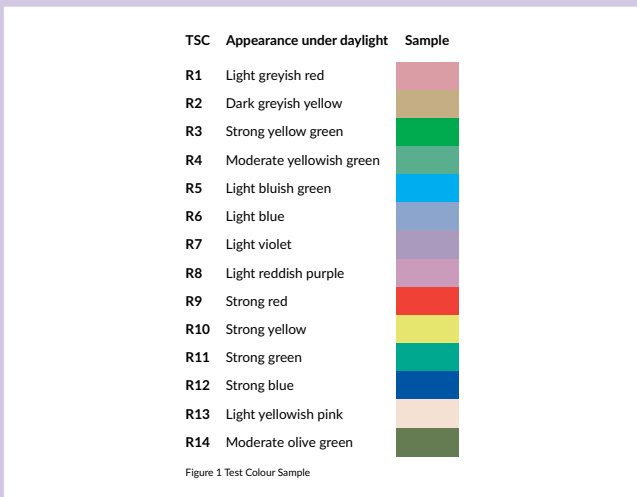
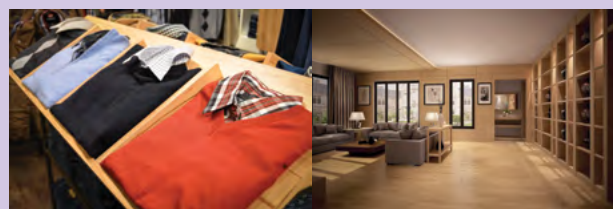




**RichColour**

High colour rendition of Ra  $\geq 90$





When we determine the general colour rendering index, the first eight colours in the Test Colour Sample (TCS; see Figure 1) defined in accordance with DIN 6169 are employed for the calculation. In addition to these eight colours (R1 to R8), there are another six colours (R9 to R14) that are more vivid and known as “saturated” colours.

The MEGAMAN® Ultra RichColour lamp not only has high colour rendering index of Ra97 and a high red colour rendition (R9) value of  $\geq 75$ , but it also has a high value of the other “saturated” colours (R10 to R14), which allows the beautiful red of an object to be revealed and creates well-balanced and high-quality lighting.

# Dim to Warm



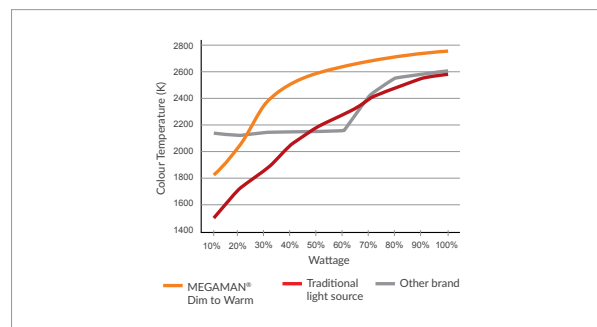
## Improved dimming performance with the warmth of Halogen

MEGAMAN® is proud to be the first to introduce a wide range of LED products incorporating a brand new Dim to Warm technology. These LED lamps emit a warmer light when they are dimmed. The colour temperature of these LED lamps changes from 2800K (2700K) to 1800K when the lamps are dimmed from 100% to 10% (from 100% to 1% for LED AR111 and LED MR16 constant current types), perfectly simulating the characteristics of incandescent and halogen lamps.

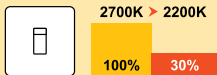
Unlike many products on the market which use multiple lens arrays, MEGAMAN®'s Dim to Warm lamps contain a unique single circuit chip level technical solution, allowing them to have the same compact profile as incandescent and halogen lamps while also replicating their warmth and dimming curve. The MEGAMAN® LED lamps with the Dim to Warm feature are true replacements for incandescent and halogen lamps in terms of the outlook, size, lighting effect and produce lighting performance that is familiar to consumers.



MEGAMAN® Dim to Warm is the LED lamp that dims like traditional light sources. Moving through a wide colour temperature range of 2800K (2700K) to 1800K as the lamps dim from 100% to 10%, the close replication of the dimming curve of halogen and incandescent makes MEGAMAN® Dim to WARM a unique offering to the LED market.



# Step to Warm



## Step to WARM

### LED lamp with a 'built-in dimmer'

MEGAMAN® launched an LED product range with a 'built-in dimmer' that offers LED lamps with a step dimming feature. These LED lamps provide a convenient, simple and instant way to adjust the brightness level to 100% and 30% with the use of any standard (ON/OFF) switch.

This new product range is designed to offer you the flexibility to create the perfect mood for any occasion. The LED lamps available in this range include the Candle, Classic, PAR16 reflector, R50 reflector, R63 reflector and GX53, they offer excellent light output for different household and commercial applications. With the step dimming technology embedded in the LED lamp, users can enjoy reduced electricity costs when the lamp is dimmed.



Warm White	Extra Warm White
<p><b>Setting 1</b></p> <p>Colour Temperature • 2700K</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">             ON                OFF         </div> <p><b>ON</b></p>	<p><b>Setting 2</b></p> <p>Colour Temperature • 2200K</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">             ON ON                OFF OFF         </div> <p><b>OFF ON</b></p>

Comparison photos

Colour Temperature	
<p>Warm White 2700K</p>	<p>Extra Warm White 2200K</p>
<p><b>MEGAMAN®</b></p>	



The selectable colour temperatures: 2700K and 2200K

# 2-Step Dimming



## 2-Step Dimming

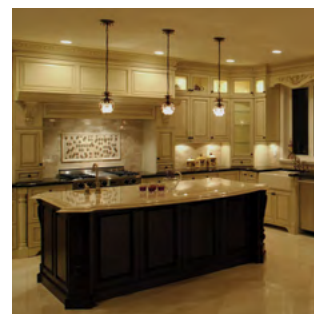
MEGAMAN® launched different LED products with built-in dimmer that offers LED lamps with a 2 steps dimming feature. These LED lamps provide a convenient, simple and instant way to adjust the brightness level between 100% and 30% with the use of any standard (ON/OFF) switch. Even at low light levels, the lighting performance of MEGAMAN® lamps are stable and perfect for creating more relaxing scenes.

2-Step Dimming technology offers you the flexibility to create the perfect mood for any occasion. With this technology, tone and ambiance of a room can be more accurately set according to the activities to be performed in the room. This also increase the room's functionality by controlling the light output for different household and commercial applications. With the 2 steps dimming technology embedded in the LED lamp, users can enjoy reduced electricity costs and save energy when the lamp is dimmed.

Two adjustable brightness levels:  
100%, 30%



100% Lumen output:  
Bright and effulgent, best for environment requiring concentration



30% Lumen output:  
Soft and dimmed, best for cozy mood setting and improving room's aesthetic appeal



Dim the LED lamp with any ordinary light switch

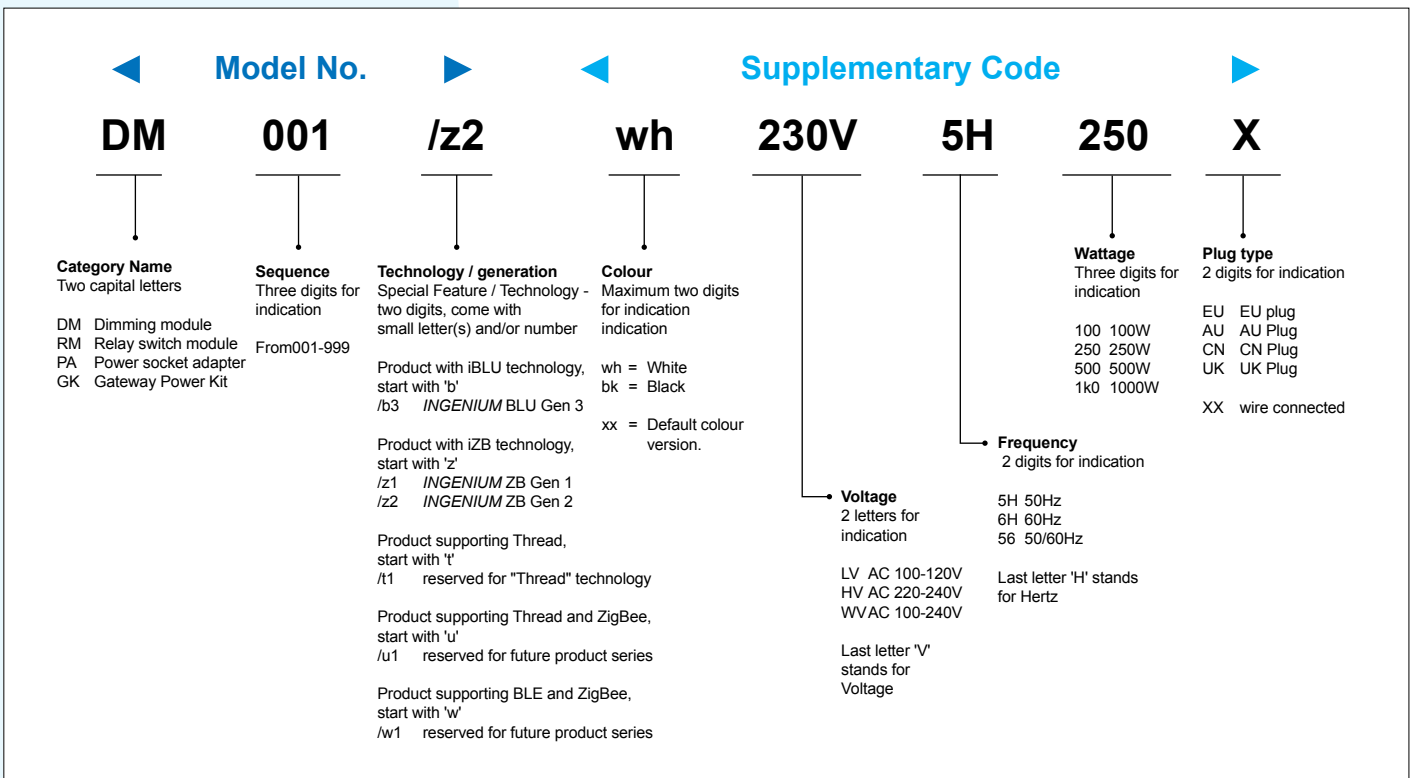
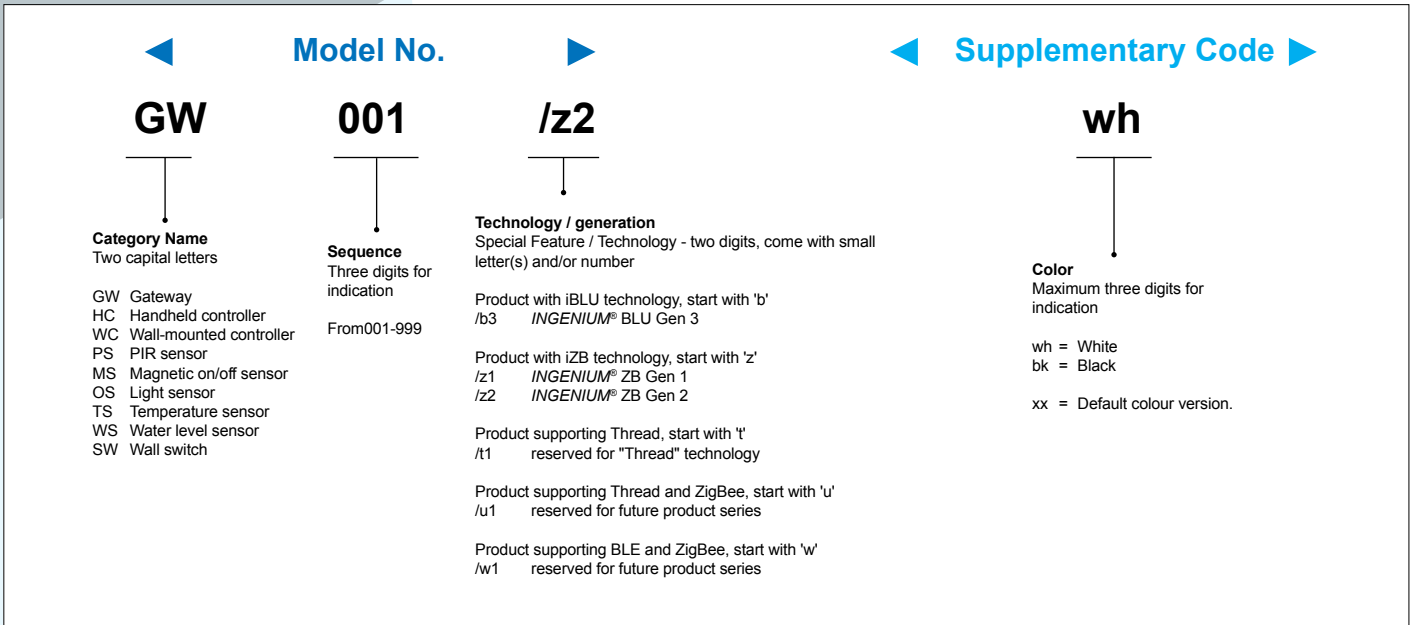


A convenient and simple way to create the perfect mood for any occasion



# Upgrade of Nomenclature System

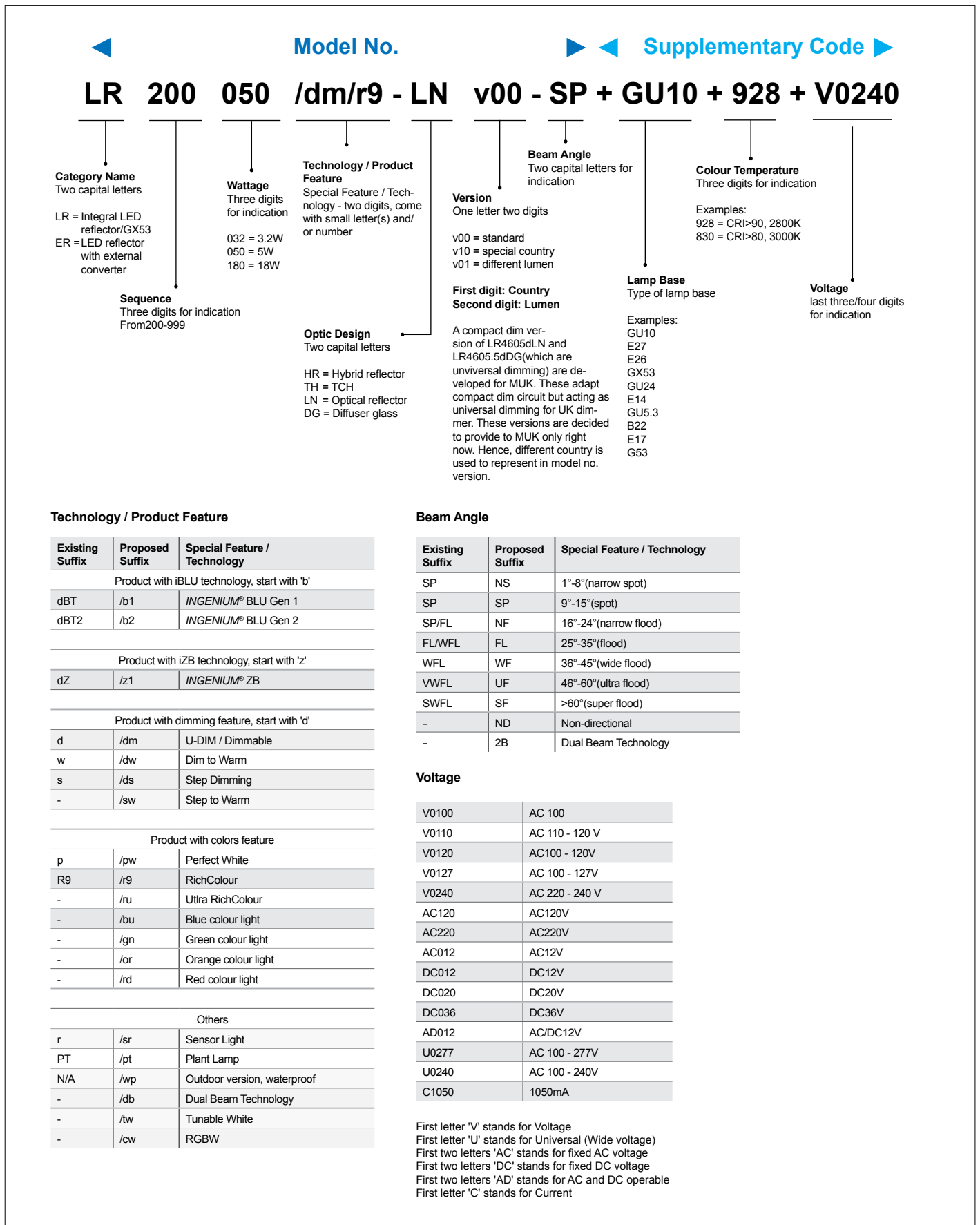
## DC operated device (Gateway/ Controllers/ Sensors)





# Upgrade of Nomenclature System

## LED Reflector



# Upgrade of Nomenclature System

## Classic, Flexi, Strips and Special Lamp



**Category Name**  
Two capital letters

- EU = LED G4
- EX = LED Flexi or LED strip with 305mm length
- LC = LED Candle
- LG = LED Classic, ST58, Globe, Lilliput or T-lamp
- LJ = LED R7s
- LU = LED G9
- LF = LED Fire Lamp
- LS = LED Crown Silver
- LP = LED Polygon Lamp
- ST = LED strip with flexible length option

**Sequence**  
Three digits for indication  
200

**Wattage**  
Three digits for indication  
045 = 4.5W  
110 = 11W  
180 = 18W

**Technology / Product Feature**  
Special Feature / Technology - two digits, come with small letter(s) and/or number

**Optic Design**  
Two capital letters

- CS = Clear cover
- OP = Opal cover
- GD = Golden cover
- DG = Diffuser glass
- BU = Blue cover
- GN = Green cover
- OR = Orange cover
- RD = Red cover
- TP = Flame tip
- GP = Golden cover with Flame tip

**Version**  
One letter two digits

- v00 = standard
- v10 = special country
- v01 = different lumen

**First digit: Country**  
**Second digit: Lumen**

A compact dim version of LR4605dLN and LR4605.5dDG(which are ununiversal dimming) are developed for MUK. These adapt compact dim circuit but acting as universal dimming for UK dimmer. These versions are decided to provide to MUK only right now. Hence, different country is used to represent in model no. version.

**Lamp Base**  
Type of lamp base

- Examples:
- G53
  - GU10
  - E27
  - E14
  - B22
  - G4
  - E26
  - E12
  - GX53
  - GU24
  - GU9
  - B15d
  - R7s
  - GU5.3
  - E10
  - E17
  - G53

**Voltage**  
last three/four digits for indication

**Colour Temperature**  
Three digits for indication

- Examples:
- 928 = CRI>90, 2800K
  - 830 = CRI>80, 3000K

**Technology / Product Feature**

Existing Suffix	Proposed Suffix	Special Feature / Technology
Product with iBLU technology, start with 'b'		
dBT	/b1	INGENIUM® BLU Gen 1
dBT2	/b2	INGENIUM® BLU Gen 2
Product with iZB technology, start with 'z'		
dZB	/z1	INGENIUM® ZB
Product with dimming feature, start with 'd'		
d	/dm	U-DIM / Dimmable
w	/dw	Dim to Warm
s	/ds	Step Dimming
-	/sw	Step to Warm
Product with colors feature		
p	/pw	Perfect White
R9	/r9	RichColour
-	/ru	Ultra RichColour
-	/bu	Blue colour light
-	/gn	Green colour light
-	/or	Orange colour light
-	/rd	Red colour light
Others		
r	/sr	Sensor Light
PT	/pt	Plant Lamp
N/A	/wp	Outdoor version, waterproof
-	/db	Dual Beam Technology
-	/tw	Tunable White
-	/cw	RGBW

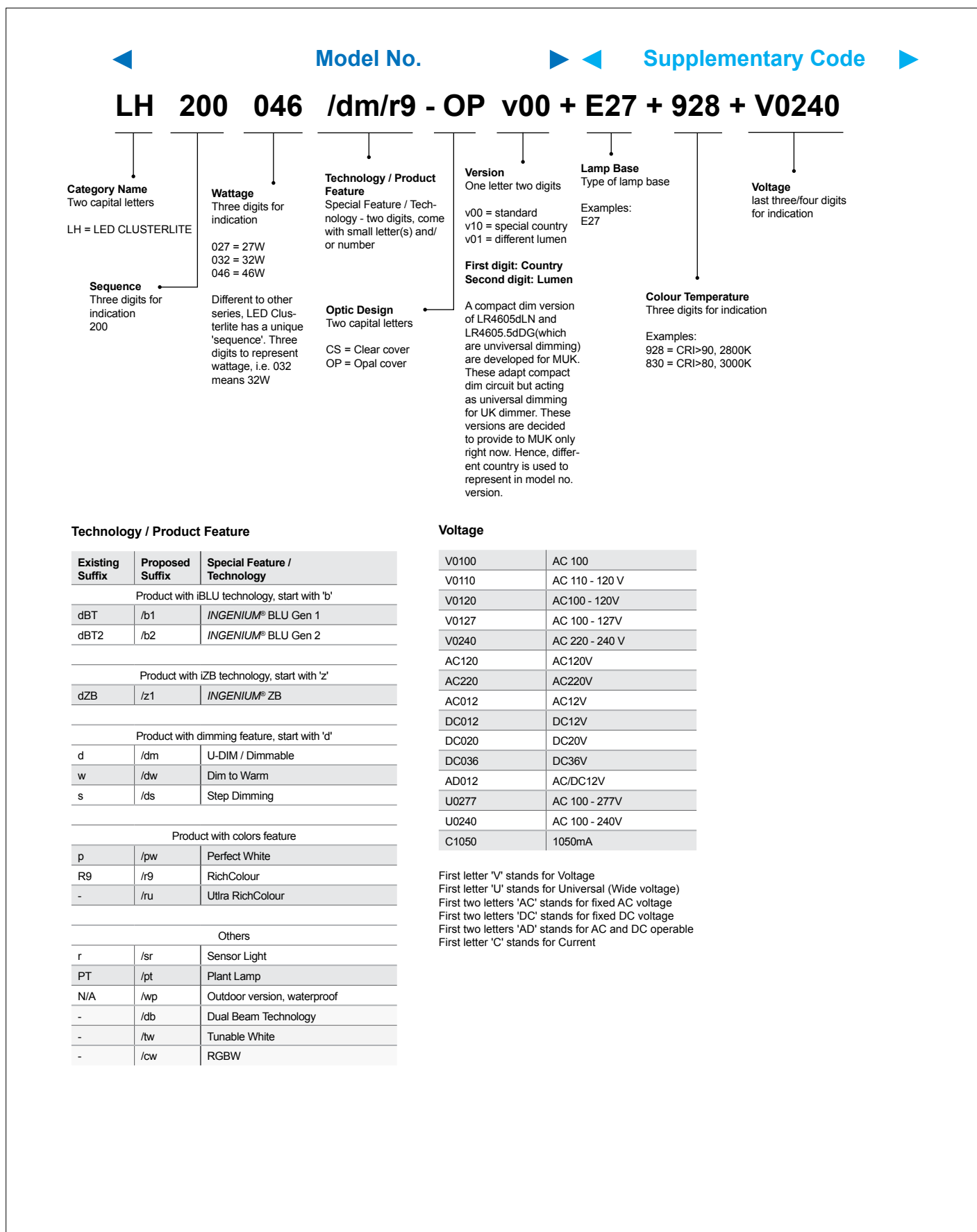
**Voltage**

V0100	AC 100
V0110	AC 110 - 120 V
V0120	AC100 - 120V
V0127	AC 100 - 127V
V0240	AC 220 - 240 V
AC120	AC120V
AC220	AC220V
AC012	AC12V
DC012	DC12V
DC020	DC20V
DC036	DC36V
AD012	AC/DC12V
U0277	AC 100 - 277V
U0240	AC 100 - 240V
C1050	1050mA

First letter 'V' stands for Voltage  
 First letter 'U' stands for Universal (Wide voltage)  
 First two letters 'AC' stands for fixed AC voltage  
 First two letters 'DC' stands for fixed DC voltage  
 First two letters 'AD' stands for AC and DC operable  
 First letter 'C' stands for Current

# Upgrade of Nomenclature System

## CLUSTERLITE®



# Upgrade of Nomenclature System

## LED Tube

◀ **Model No.** ▶ ◀ **Supplementary Code** ▶

**LT 200 180 /mb/r9 - 06 v00 + G13 + 928 + V0240**

**Category Name**  
Two capital letters

LT = Integral LED Tube  
T8 or S19

**Wattage**  
Three digits for indication

095 = 9.5W  
180 = 18W  
245 = 24.5W

**Special Feature / Technology**  
Two digits, come with small letter(s) and/or number

**Length**  
Two digits for indication

03 = 308mmL  
06 = 602mmL  
12 = 1212mmL  
15 = 1513mmL

**Version**  
One letter two digits

v00 = standard  
v10 = special country  
v01 = different lumen

**First digit: Country**  
**Second digit: Lumen**

A compact dim version of LR4605dLN and LR4605.5dDG(which are universal dimming) are developed for MUK. These adapt compact dim circuit but acting as universal dimming for UK dimmer. These versions are decided to provide to MUK only right now. Hence, different country is used to represent in model no. version.

**Lamp Base**  
Type of lamp base

Examples:  
G13  
S19

**Voltage**  
last three/four digits for indication

**Colour Temperature**  
Three digits for indication

Examples:  
928 = CRI>90, 2800K  
830 = CRI>80, 3000K

**Sequence**  
Three digits for indication  
200

### Technology / Product Feature

Existing Suffix	Proposed Suffix	Special Feature / Technology
Power source type of LED tube		
U	/us	Universal
L	/ac	Direct line in, AC line voltage
Blank	/mb	Magnetic ballast
-	/eb	Electronic ballast
Others		
-	/ru	Ultra RichColour
R9	/r9	RichColour
H	/hf	High power factor

### Voltage

V0100	AC 100
V0110	AC 110 - 120 V
V0120	AC100 - 120V
V0127	AC 100 - 127V
V0240	AC 220 - 240 V
AC120	AC120V
AC220	AC220V
AC012	AC12V
DC012	DC12V
DC020	DC20V
DC036	DC36V
AD012	AC/DC12V
U0277	AC 100 - 277V
U0240	AC 100 - 240V
C1050	1050mA

First letter 'V' stands for Voltage  
 First letter 'U' stands for Universal (Wide voltage)  
 First two letters 'AC' stands for fixed AC voltage  
 First two letters 'DC' stands for fixed DC voltage  
 First two letters 'AD' stands for AC and DC operable  
 First letter 'C' stands for Current



## Smarten Up Your Space with **INGENIUM® ZB**

Working with ZigBee® technology, *INGENIUM® ZB* is a scalable smart lighting solution, which allows users to gain wireless control over all *INGENIUM® ZB* products for high-end applications. Allowing control up to 50 devices simultaneously, *INGENIUM® ZB* is perfect for anyone looking to add smart control to residential and commercial spaces.

Convenience

Energy Saving

Security

Interoperability

Connectivity

Smart Lighting





## Smart Lighting Solution



Model No.	LC201060/dm/z1-OPv00
Lamp Base	E14
Wattage (W)	6
Lumen (lm)	470
Colour Temp.	2700K, 4000K
CRI	80
Rated Life (hrs)	20000
Dimension (mm)	Ø37x109
Dimmable	100-10%
Energy Label	A+



Model No.	LG7809dZB
Lamp Base	E27
Wattage (W)	9
Lumen (lm)	810
Colour Temp.	2700K
CRI	80
Rated Life (hrs)	20000
Dimension (mm)	Ø60x109
Dimmable	100-10%
Energy Label	A+



Model No.	LC210060/tw/z1-OPv00
Lamp Base	E14
Wattage (W)	6
Lumen (lm)	470
Colour Temp.	2700K-6500K
CRI	80
Rated Life (hrs)	20000
Dimension (mm)	Ø37x109
Dimmable	100-10%
Energy Label	A+



Model No.	LG216090/dm/ec/z1-OPv00
Lamp Base	E27
Wattage (W)	9
Lumen (lm)	810
Colour Temp.	2200K-6500K
CRI	80
Rated Life (hrs)	20000
Dimension (mm)	Ø60x117
Dimmable	100-10%
Energy Label	A+



Model No.	LG228050/tw/z1-SCv00
Lamp Base	E27
Wattage (W)	4.5
Lumen (lm)	470
Colour Temp.	2700K-6500K
CRI	80
Rated Life (hrs)	15000
Dimension (mm)	Ø60x125
Dimmable	100-10%
Energy Label	A+



Model No.	LG219090/tw/z1-OPv00
Lamp Base	E27
Wattage (W)	9
Lumen (lm)	810
Colour Temp.	2700K-6500K
CRI	80
Rated Life (hrs)	20000
Dimension (mm)	Ø60x117
Dimmable	100-10%
Energy Label	A+



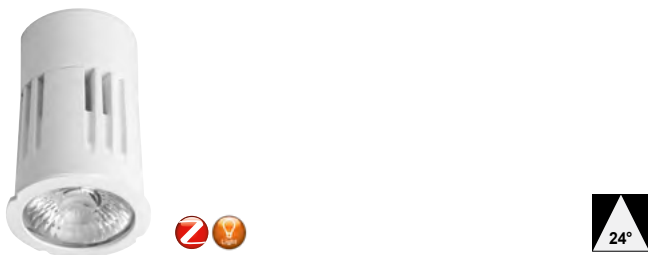
## Smart Lighting Solution



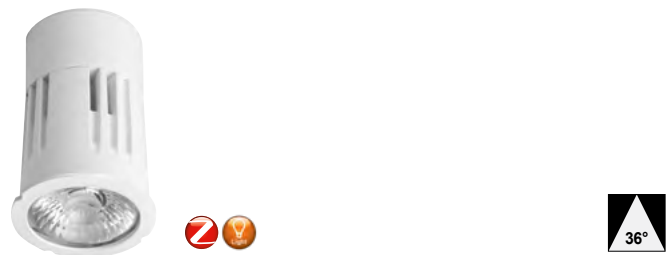
Model No.	EX200240/z1/ec-CSv00
Wattage (W)	24
Lumen (lm)	1400
Colour Temp.	2700K-6000K
CRI	80
Rated Life (hrs)	20000
Dimension (mm)	Customised
Dimmable	100-10%
Energy Label	A+



Model No.	LR210050/dm/z1-HRv00
Lamp Base	GU10
Wattage (W)	4.5
Max Luminous Intensity (cd)	600
Lumen (lm)	350
Useful Lumen (lm)	300
Colour Temp.	2700K
CRI	80
Rated Life (hrs)	20000
Dimension (mm)	Ø50x54
Dimmable	100-10%
Energy Label	A+



Model No.	TH0308dZB-24D
Wattage (W)	8
Max Luminous Intensity (cd)	4500
Lumen (lm)	800
Useful Lumen (lm)	730
Colour Temp.	2800K
CRI	80
Rated Life (hrs)	25000
Dimension (mm)	Ø50x75
Dimmable	100-10%
Energy Label	A+



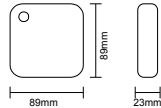
Model No.	TH0308dZB-36D
Wattage (W)	8
Max Luminous Intensity (cd)	4500
Lumen (lm)	800
Useful Lumen (lm)	730
Colour Temp.	2800K
CRI	80
Rated Life (hrs)	25000
Dimension (mm)	Ø50x75
Dimmable	100-10%
Energy Label	A+



## Smart Lighting Solution



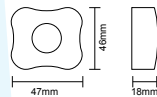
Gateway



Technical Specification	
Model No.:	GW601/z1-EU GW601/z1-UK
Input:	100-240V~ 50/60Hz.
Power Supply:	External adaptor (5V DC 1A)
WAN Options:	Ethernet
Connectivity:	Connects up to 50 devices max. in a mesh network
No. of Groups supports	30
No. of Scenes supports	30
No. of Rules supports	30
Control Unit:	Smart device with APP (iOS and Android), INGENIUM® ZB remote controllers
Accessory Included:	Power adaptor with UK, EU or AU plugs, LAN cable
System:	Compatible with INGENIUM® ZB products and Zigbee® 3.0 Certified Product



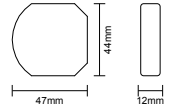
Dimming Module



Technical Specification	
Model No.:	ZBM02d
Input:	220-240V~ 50Hz
Output:	Typical 5VA-150VA (LED), or 25W-300W (resistive load)
Dimming:	100-10% (by INGENIUM® ZB control)
Dimming Type:	Trailing-edge
Wiring:	2 wires (live and output)
Operating Temp.:	0°C to +40°C
System:	Compatible with INGENIUM® ZB products and Zigbee® Certified Product



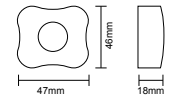
Universal Dimming Module



Technical Specification	
Model No.:	ZBM01d
Input:	220-240V~ 50Hz
Max. Output:	250VA (LED), or 500W (resistive loads)
Dimming:	100-10% (by INGENIUM® ZB control)
Dimming Type:	Leading-edge and Trailing-edge (auto dimming mode selection)
Wiring:	3 wires (live, output and neutral), optional switch wiring for direct control with a momentary wall switch
Operating Temp.:	-20°C to +45°C
System:	Compatible with INGENIUM® ZB products and Zigbee® Certified Product



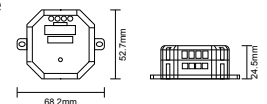
Mains Switching Module



Technical Specification	
Model No.:	ZBM02sr
Input:	220-240V~ 50Hz
Output:	Resistive load 1.3A max. LED 300VA typical
Wiring:	3 wires (live, neutral and output)
Operating Temp.:	0°C to +40°C
System:	Compatible with INGENIUM® ZB products and Zigbee® Certified Product



250W Dimming Module



Technical Specification	
Model No.:	DM601/z1
Input:	220-240V~ 50Hz
Output:	Typical 5VA-250VA (LED)
Dimming:	100-10% (by INGENIUM® ZB control)
Dimming Type:	Trailing-edge and Leading-edge (manual mode selection)
Wiring:	2 wires (live and output)
Operating Temp.:	-10°C to +55°C
System:	Compatible with INGENIUM® ZB products and Zigbee® 3.0 Certified Product

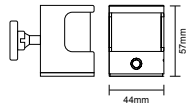




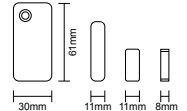
## Smart Lighting Solution



PIR Sensor



Magnetic ON/ OFF Sensor



### Technical Specification

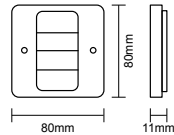
Model No.:	PS601/z1
Input:	AAA alkaline battery x2pcs (included)
Detection angle:	120° (horizontal) 60° (vertical)
System:	Compatible with <i>INGENIUM</i> ® ZB products

### Technical Specification

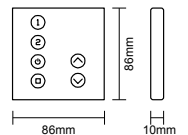
Model No.:	MS601/z1
Input:	3V CR2032 x1pc (included)
System:	Compatible with <i>INGENIUM</i> ® ZB products



Scene Controller



Wall-Mounted Controller



### Technical Specification

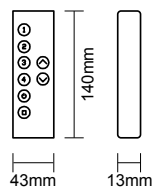
Model No.:	WC601/z1
Input:	3V CR2025 x1pc (Included)
Function:	ON/OFF, dimming and scene control
Wall plate size:	L80 x W80 x H11 (mm) With magnetic holder design to accommodate the remote control unit
No. of scene:	3
No. of group:	1
System:	Compatible with <i>INGENIUM</i> ® ZB products

### Technical Specification

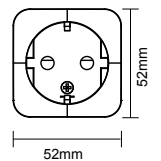
Model No.:	ZBW01-WH
Input:	2pcs of 3V CR2032 battery
Support:	Max. 2 groups
Function:	On/off and dimming
Accessory Included:	Magnetic holder and 2pcs of 3V CR2032 battery
System:	Compatible with <i>INGENIUM</i> ® ZB products



Handheld Controller



Smart Socket Adaptor



### Technical Specification

Model No.:	ZBH01-WH
Input:	2pcs of 3V CR2032 battery
Support:	Max. 4 groups
Function:	On/off and dimming
Accessory Included:	Magnetic holder and 2pcs of 3V CR2032 battery
System:	Compatible with <i>INGENIUM</i> ® ZB products

### Technical Specification

Model No.:	PA601/Z1-EU, PA601/z1-UK
Input:	220-240V~ 50Hz
Max. Loading:	3,600W
Plug Options:	EU and UK
System:	Compatible with <i>INGENIUM</i> ® ZB products and Zigbee® 3.0 Certified Product

LED by  
MEGAMAN®



# AR111

MEGAMAN® offers a comprehensive Professional series of LED AR111 reflectors for 50W and 75W halogen AR111 replacement with our unique technology which increases functionality and flexibility for different environments.

### Product Features

- Dual Beam Technology offers a flexible choice of beam angles in one single lamp
- Perfect White technology intensifies white colour by exciting fluorescent whitening agents
- Ultra RichColour maximises the richness and quality of colours, especially red colour rendition (R9) of >75
- Offers perfect linear dimming and is tested and compatible with 130pcs most popular EU dimmers
- Broad compatibility with transformers
- SDCM ≤4
- Life time of 40,000hrs



Input	Model No.	Lamp Base	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Lumen (lm)	Useful Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
-------	-----------	-----------	-------------	------------------------------	----------------	------------	-------------------	--------------	-----	------------------	----------------	----------	--------------	--------	-------

**DUAL BEAM TECHNOLOGY** SDCM ≤4

**Dim To Warm**

220-240V	LR212110/dw/db/ru-HRv00-2B+024D045D	GU10	10	3800 [24°]/1600 [45°]	24/ 45	750	730	3000-1800K	Ra97	40000	Ø111 X 82	100-5%	A+	Pro	1
DC34V (350mA)	ER205120/dw/db/ru-HRv00-2B+024D045D	G53	12	4500 [24°]/2000 [45°]	24/ 45	900	880	3000-1800K	Ra97	40000	Ø111 X 58	100-10%	A	Pro	2

**U-dim**

220-240V	LR212110/dm/db/ru-HRv00-2B+024D045D	GU10	11	3600 [24°]/1500 [45°]	24/ 45	800	720 [24°]/750 [45°]	2800K	Ra97	40000	Ø111 X 82	100-5%	A	Pro	1
220-240V	LR212110/dm/db-HRv00-2B+024D045D	GU10	11	5000 [24°]/2000 [45°]	24/ 45	900	820 [24°]/850 [45°]	2800K	80	40000	Ø111 X 82	100-5%	A+	Pro	1

**Dimmable**

AC12V	ER205130/dm/db/ru-HRv00-2B+024D045D	G53	13	3600 [24°]/1500 [45°]	24/ 45	800	720 [24°]/750 [45°]	2800K	Ra97	40000	Ø111 X 58	100-10%	A	Pro	2
AC12V	ER205130/dm/db-HRv00-2B+024D045D	G53	13	5000 [24°]/2000 [45°]	24/ 45	900	820 [24°]/850 [45°]	2800K	80	40000	Ø111 X 58	100-10%	A	Pro	2
AC12V	ER205110/dm/db-HRv00-2B+024D045D	G53	11	3400 [24°]/1300 [45°]	24/ 45	750	650 [24°]/680 [45°]	2800K	80	40000	Ø111 X 58	100-10%	A	Pro	2

**THERMAL CONDUCTIVE HIGHWAY™ (TCH) TECHNOLOGY**

**Perfect White**

220-240V	LR4810p-75H24D	GU10	10	4800	24	730	570	3000K	80	40000	Ø111 X 66	100-10%	A	Pro	3
----------	----------------	------	----	------	----	-----	-----	-------	----	-------	-----------	---------	---	-----	---

**HYBRID REFLECTOR**

**Dimmable**

220-240V	LR6511dR9HR-75H08D	GU10	11	13000	8	650	590	2800K	Ra95	40000	Ø111 X 66	100-5%	A	Pro	4
220-240V	LR6511dHR-75H08D	GU10	11	16000	8	750	650	2800K	82	40000	Ø111 X 66	100-5%	A	Pro	4
AC12V	ER2812dR9HR-75H08D	G53	12	13000	8	650	590	2800K	Ra90	40000	Ø111 X 58	100-10%	A	Pro	5
AC12V	ER2811dHR-50H08D	G53	11	13000	8	650	550	2800K	82	40000	Ø111 X 58	100-10%	A	Pro	5

# PAR16



MEGAMAN® LED PAR16 comes with the Dual Beam Technology which offers a flexible choice of beam angle in one single lamp and MEGAMAN® Hybrid Reflector with enhanced beam control and efficacy. Different dimmable version is available drive further efficiencies, while helping to create the desired atmosphere, both Dim to Warm and Step to Warm create a warm and relaxing atmosphere by triac dimmer and ON/OFF switch.

**Product Features**

- Ultra RichColour maximises the richness and quality of colours, especially red colour rendition (R9) of >75
- Offers perfect linear dimming and is tested and compatible with 130pcs most popular EU dimmers
- Lifetime of 15,000hrs to 25,000hrs
- Various beam angle available, including 8°, 24°, 35°, 40°, 60° and 100°
- Halogen-like appearance for glass version
- Options to work under fire rated downlights



Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Lumen (lm)	Useful Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>DUAL BEAM TECHNOLOGY</b>													
<b>Dim To Warm</b>													
LR215060/dw/db/ru-HRv00-2B+024D035D	6	2500[24°] / 1600[35°]	24/35	420	390	3000K-1800K	Ra97	25000	Ø50x57	100-5%	A+	Pro	3
<b>U-dim</b>													
LR211052/dm/db-HRv00-2B+024D035D	5.2	2550[24°] / 1650[35°]	24/35	430	400	2800K	80	25000	Ø50x56	100-5%	A+	Pro	1
LR211052/dm/db-HRv00-2B+040D060D	5.2	900[40°] / 420[60°]	40/60	430	400	2800K	80	25000	Ø50x56	100-5%	A+	Pro	2
LR211053/dm/db-HRv00-2B+024D035D	5.3	3000[24°] / 1800[35°]	24/35	550	500	2800K	80	25000	Ø50x57	100-5%	A++	Pro	3
<b>Non-dim</b>													
LR211050/db-HRv00-2B+024D035D	5	2550[24°] / 1650[35°]	24/35	430	400	2800K	80	25000	Ø50x56	N/A	A++	Pro	1



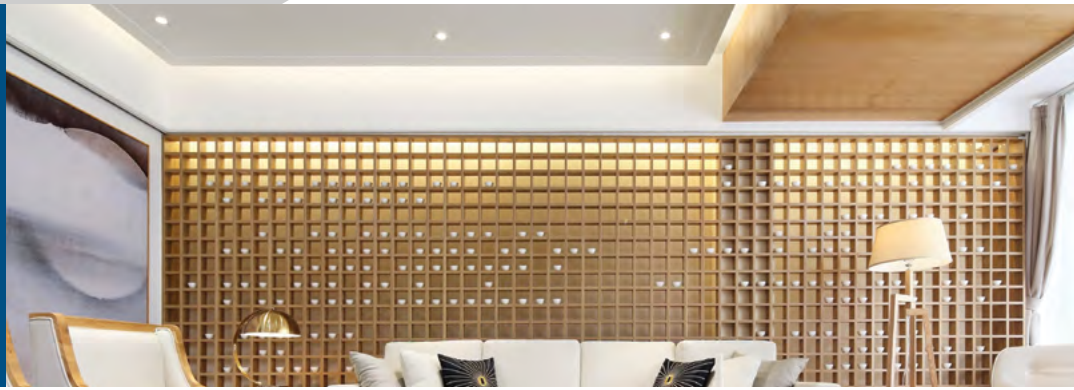
# PAR16



220-240V

Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Lumen (lm)	Useful Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>PLASTIC (NON-DBT)</b>													
<b>U-dim</b>													
LR206065/dm-HRv00-NS	6.5	8500	8	450	400	2800K	80	25000	Ø50x56	100-5%	A+	Pro	4
<b>Dimmable</b>													
LR057050/dm-HRv00-WF	5	680	36	410	345	2800K	80	25000	Ø50x55	100-10%	A+	Smart	5
LR057055/dm-HRv00-WF	5.5	900	36	500	430	2800K	80	25000	Ø50x55	100-10%	A+	Smart	5
<b>Non-dim</b>													
LR057042-HRv00-WF	4.2	680	36	410	345	2800K	80	15000	Ø50x55	N/A	A++	Econ	5
LR4605DGv2-WFL	5	830	35	500	420	2800K	80	15000	Ø50x57	N/A	A++	Econ	6
LR057072-HRv00-ND	7.2	N/A	100	600	N/A	2800K	80	15000	Ø50x55	N/A	A+	Econ	5
<b>GLASS</b>													
<b>Step To Warm</b>													
LR6305swLN-WFL	5	650	36	390	345	2700K[100%] / 2200K[30%]	80	15000	Ø50x55	100%, 30%	A+	Smart	7
<b>Dimmable</b>													
LR6306.2dLN-WFL	6.2	800	36	520	450	2800K	80	15000	Ø50x55	100-10%	A+	Smart	7
LR6305.5dLN-WFL	5.5	650	36	390	345	2800K	80	15000	Ø50x55	100-10%	A+	Smart	7
<b>Non-dim</b>													
LR6304LN-WFL	4	450	36	270	230	2800K	80	15000	Ø50x55	N/A	A+	Econ	7
LR6304.5LN-WFL	4.5	650	36	390	345	2800K	80	15000	Ø50x55	N/A	A+	Econ	7
LR6305LN-WFL	5	800	36	520	450	2800K	80	15000	Ø50x55	N/A	A++	Econ	7

# MR16



MEGAMAN® LED MR16 reflector has the same compact profile as halogen MR16 and delivers superb lighting performance, excellent light efficiency and better glare control for both accent and ambient lighting applications.

### Product Features

- Constant Current MR16 works with DALI, DSI, 1-10V dimming drivers, it works with
- MEGAMAN® driver which drive 3pcs of lamp with synchronized start-up time
- Work well with AC 12V halogen transformers and generate much less heat
- Various beam angle available from narrow spot lighting to narrow and wide flood
- Life time up to 40,000hrs



Input	Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Lumen (lm)	Useful Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>PLASTIC</b>														
<b>Dim To Warm</b>														
350mA (DC16-20V)	ER200065/dw/ru-HRv00-WF*	6.5	1300	36	430	400	3000K-1800K	Ra97	40000	Ø50x46	100-1%	A	Pro	1
<b>Constant Current</b>														
350mA (DC16-20V)	ER200065/dm-HRv00-SP*	6.5	6500	12	525	410	2800K	80	35000	Ø50x46	100-1%	A	Pro	2
350mA (DC16-20V)	ER200065/dm-HRv00-NF*	6.5	3000	24	700	650	2800K	82	35000	Ø50x46	100-1%	A++	Pro	3
350mA (DC16-20V)	ER200065/dm-HRv00-WF*	6.5	1800	36	700	650	2800K	82	35000	Ø50x46	100-1%	A++	Pro	1
<b>Dimmable</b>														
AC 12V	ER203080/dm-HRv00-NS	8	7000	8	450	350	2800K	80	25000	Ø50x46	100-10%	A	Smart	2
AC 12V	ER203080/dm-HRv00-NF	8	3000	24	600	500	2800K	80	25000	Ø50x46	100-10%	A	Smart	3
AC 12V	ER203080/dm-HRv00-WF	8	1800	36	600	500	2800K	80	25000	Ø50x46	100-10%	A	Smart	1
<b>Non-Dim</b>														
12V	ER208032-HRv00-WF	3.2	500	36	270	230	2800K	80	15000	Ø50x46	N/A	A+	Econ	4
12V	ER208055-HRv00-WF	5.5	700	36	390	345	2800K	80	15000	Ø50x46	N/A	A+	Econ	4
12V	ER208060-HRv00-WF	6	750	36	520	450	2800K	80	15000	Ø50x46	N/A	A+	Econ	4
<b>GLASS</b>														
<b>Non-Dim</b>														
12V	ER040537-LNv00-WF	3.7	600	36	270	230	2800K	80	15000	Ø50x46	N/A	A+	Econ	5
12V	ER045055-LNv00-WF	5.5	700	36	390	345	2800K	80	15000	Ø50x46	N/A	A+	Econ	5
12V	ER045060-LNv00-WF	6	750	36	520	450	2800K	80	15000	Ø50x46	N/A	A+	Econ	5

### Constant Current Driver Specification

Category	Model No.	Main Input Voltage (V)	Output Voltage (V)	Max. System Wattage (W)	Rated Life (hrs)	Power Factor (λ)	Width (mm)	Length (mm)	Height (mm)	Dimmable
1X Driver	LD0509x1d-C350	220-240V	DC16-24V	9	50000	>0.9	46	62	20	100-5%
3X Driver	LD205021/dm-C0350		DC30-60V	21			55	116	25	

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

# PAR20, PAR30S, PAR38



MEGAMAN® LED PAR reflectors with diffuser glass design can directly replace traditional halogen lamp equivalents with the same profile and excellent light output, distributing soft and comfortable lighting evenly without glare.

**Product Features**

- IP66-rated outdoor used PAR38 is available
- Dimmable version available, allowing users to adjust brightness level from 100% to 10%
- Life time up to 30,000hrs



220-240V

Lamp Type	Model No.	Lamp Base	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° Cone (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Product Photo
<b>Dimmable</b>															
PAR38	LR036200/dm-HRv00-FL	E27	20	8800	25	2000	1850	2800K	80	30000	Ø121x131	100-10%	A+	Pro	1
PAR38	LR3213d-WFL	E27	13	1500	35	1100	800	2800K	80	25000	Ø121x132	100-10%	A	Smart	2
<b>Non-Dim</b>															
PAR20	LR2906-WFL	E27	6	450	35	350	250	2800K	80	15000	Ø63x90	N/A	A	Econ	3
PAR30S	LR3010.5-WFL	E27	10.5	850	35	700	635	2800K	80	15000	Ø95x88	N/A	A	Econ	4
PAR38	LR3215.5-WFL	E27	15.5	1500	35	950	760	2800K	80	15000	Ø121x132	N/A	A	Econ	5

# R50, R63, R80



The MEGAMAN® LED R50, R63 and R80 delivers impressive spot lighting which a perfect retrofit replacement for halogen or incandescent spots.

### Product Features

- Plastic and glass version are also available
- Dimmable version available for glass version, allowing users to adjust brightness level from 100% to 10%
- Compatible with existing fixture with E27 holders
- Life time of 15,000hrs



220-240V Plastic Version Flicker Free ≤3%

Lamp Type	Model No.	Lamp Base	Wattage (W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Lumen (lm)	Luminous Flux in 90° Cone (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Energy Label	Series	Photo
R50	LR216029-HRv00-WF	E14	2.9	36	500	205	196	2800K	80	15000	Ø50x81	A++	Econ	1
R63	LR217065-OPv00-SF	E27	6.5	100	170	420	345	2800K	80	15000	Ø63x102	A	Econ	2
R80	LR218093-OPv00-ND	E27	9.3	100	N/A	810	N/A	2800K	80	15000	Ø80x110	A+	Econ	3



220-240V Glass Version Flicker Free ≤3%

Lamp Type	Model No.	Lamp Base	Wattage (W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Lumen (lm)	Luminous Flux in 90° Cone (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>Dimmable</b>															
R50	LR219039/dm-OPv00-WF	E14	3.9	36	450	310	250	2700K	≥80	15000	Ø50x81	100-10%	A+	Smart	4
R63	LR220052/dm-OPv00-WF	E27	5.2	36	700	400	345	2700K	≥80	15000	Ø63x100	100-10%	A+	Smart	5
R80	LR221050/dm-OPv00-WF	E27	5.0	36	800	400	345	2700K	≥80	15000	Ø80x109	100-10%	A+	Smart	6
<b>Non-Dim</b>															
R50	LR219032-OPv00-WF	E14	3.2	36	400	250	196	2700K	≥80	15000	Ø50x81	N/A	A+	Econ	4
R63	LR220059-OPv00-WF	E27	5.9	36	700	400	345	2700K	≥80	15000	Ø63x100	N/A	A+	Econ	5
R80	LR221084-OPv00-WF	E27	8.4	36	1150	800	667	2700K	≥80	15000	Ø80x109	N/A	A+	Econ	6





# MR11



MEGAMAN® LED MR11 reflector is an ideal retrofit to halogen spot lighting, the small profile LED MR11 is perfect for use in merchandise display areas.

**Product Features**

- Superb light output of up to 600cd with 4W power consumption
- Up to 80% energy saving compared with halogen lamps
- Life Time of 25,000hrs
- Broad compatibility with transformers



AC12V

Model No.	Lamp Base	Wattage (W)	Max. Luminous intensity (cd)	Beam Angle(°)	Lumen (lm)	Luminous Flux in 90° Cone (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Series	Energy Label	Photo
ER2304-20H36D	GU4	4	600	36	230	210	2800K	80	25000	Ø35x42	Pro	A+	1
ER201030-LNv00-WF	GU4	3	380	36	230	210	2800K	80	25000	Ø35x38	Smart	A+	2

# CLASSIC



MEGAMAN® LED Classic delivers a warm and cosy atmosphere by classic filament LED and 360 Illumination; as well as the Dim to Warm and 2-Step Dimming technology; which perfectly fits for hospitality applications.

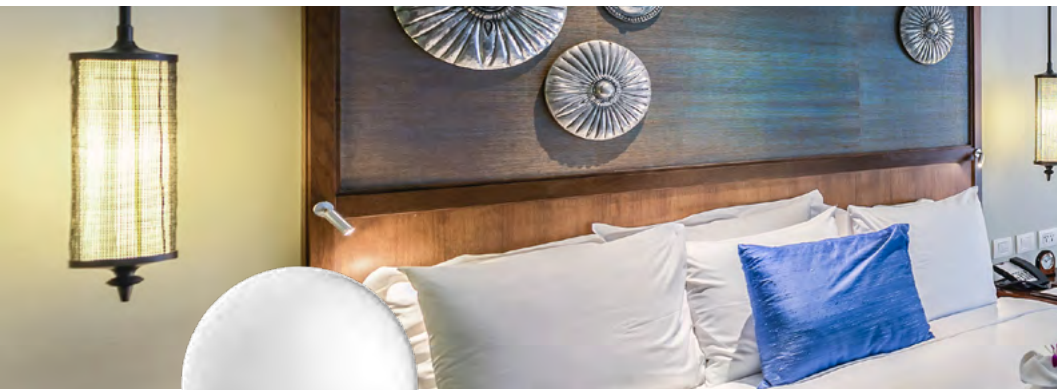
**Product Features**

- RichColour (CRI<90) applies to all MEGAMAN® Classic Dimmable maximising colour richness
- Offers perfect linear dimming and is tested and compatible with 130pcs most popular EU dimmers



Input	Eq.Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>STANDARD BULB</b> Suitable for enclosed fixtures													
<b>Dim To Warm</b>													
220-240V	40	LG7206w	E27	6	470	2700K-1800K	80	25000	Ø60x112	100-5%	A+	Smart	1
220-240V	60	LG7309.5w	E27	9.5	810	2700K-1800K	80	25000	Ø60x117	100-5%	A+	Smart	2
<b>Step To Warm</b>													
220-240V	60	LG7109sw	E27	9	810	2700K[100%] / 2200K[30%]	80	15,000	Ø60x109	100%, 30%	A+	Smart	3
220-240V	60	LG7110.5sw	E27	10.5	1055	2700K[100%] / 2200K[30%]	80	15,000	Ø60x109	100%, 30%	A+	Smart	3
<b>2-Step Dimming</b>													
220-240V	60	LG7109sv2	E27	9	810	2800K	80	15000	Ø60x109	100%,30%	A+	Smart	3
220-240V	75	LG7110.5sv2	E27	10.5	1055	2800K	80	15000	Ø60x109	100%,30%	A+	Smart	3
<b>Dimmable</b> SDCM ≤4 Low Flickering Ratio ≤8%													
220-240V	40	LG7106dR9	E27	6	470	2800K	Ra90	25000	Ø60x109	100-10%	A+	Smart	3
220-240V	60	LG7109.5dR9	E27	9.5	810	2800K	Ra90	25000	Ø60x109	100-10%	A+	Smart	3
220-240V	75	LG200133/dm/r9-OPv00	E27	13.3	1055	2800K	Ra90	25000	Ø60x114	100-10%	A+	Smart	4
220-240V	90	LG200140/dm/r9-OPv00	E27	14	1350	2800K	Ra90	25000	Ø60x114	100-10%	A+	Smart	4
<b>Non-Dim</b> * Flicker Free ≤3%													
DC12V	40	LG7105+DC012	E27	5	470	2800K	80	15000	Ø60x109	N/A	A+	Econ	3
220-240V	40	LG7105.5*	E27	5.5	470	2800K	80	15000	Ø60x109	N/A	A+	Econ	3
220-240V	40	LG7206.7* *	E27	6.7	810	2800K	80	25000**	Ø60x109	N/A	A++	Smart	1
220-240V	60	LG7109.5*	E27	9.5	810	2800K	80	15000	Ø60x109	N/A	A+	Econ	3
220-240V	75	LG7110*	E27	10	1055	2800K	80	15000	Ø60x109	N/A	A+	Econ	3
220-240V	100	LG200140-OPv00*	E27	14	1521	2800K	80	15000	Ø60x114	N/A	A+	Econ	4
220-240V	121	LG200155-OPv00*	E27	15.5	1800	2800K	80	15000	Ø60x114	N/A	A+	Econ	4
220-240V	121	LG210150-OPv00	E27	15	1921	2800K	80	15000	Ø65x135	N/A	A++	Econ	5

\* The operating temperature is -30°C to +60°C  
 \*\* Rated life condition: L70 B50@Ta 40



# CLASSIC



- Dim to Warm, Step to Warm and 2-Step Dimming technology allows dimming control by dimmer and normal ON/OFF Switch respectively
- Dimmable standard Classic is with SDCM ≤4 and extra-long life to 25,000hrs
- Specific Standard Classic with operating temperature ranging from -30°C to +60°C, to cope with small fittings and tough environment
- 360° light illumination with uniform light distribution and high quality lighting performance
- Ideal for decorative fixtures with filament and golden filament design



220-240V

Eq. Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>360° ILLUMINATION</b>												
<b>Dimmable</b>												
60	LG206084/dm/r9-OPv00	E27	8.4	810	2700K	Ra90	15000	Ø60x104	100-10%	A+	Smart	6
75	LG206095/dm/r9-OPv00	E27	9.5	1055	2700K	Ra90	15000	Ø60x104	100-10%	A+	Smart	6
<b>Non-Dim</b>												
40	LG206046-OPv00	E27	4.6	470	2700K	80	15000	Ø60x104	N/A	A++	Econ	6
60	LG206078-OPv00	E27	7.8	810	2700K	80	15000	Ø60x104	N/A	A+	Econ	6
75	LG206082-OPv00	E27	8.2	1055	2700K	80	15000	Ø60x104	N/A	A++	Econ	6
100	A70 LG223110-OPv00	E27	11	1521	2700K	80	15000	Ø70x128	N/A	A++	Econ	7
<b>FILAMENT</b>												
<b>Step to Warm</b>												
60	LG231070/sw-CSv00	E27	7	810	2700K[100%] / 2200K[30%]	80	15,000	Ø60x104	100%, 30%	A++	Smart	8
<b>Dimmable</b>												
60	LG9808.4dR9CS	E27	8.4	810	2700K	Ra90	15000	Ø60x104	100-10%	A+	Smart	10
75	LG231095/dm/r9-CSv00	E27	9.5	1055	2700K	Ra90	15000	Ø60x104	100-10%	A+	Smart	8
<b>Non-Dim</b> <b>Flicker Free ≤3%</b>												
40	LG6104.8CS	E27	4.8	470	2700K	80	15000	Ø60x104	N/A	A++	Econ	9
60	LG9808CS	E27	8	810	2700K	80	15000	Ø60x104	N/A	A++	Econ	10
75	LG9808.5CS	E27	8.5	1055	2700K	80	15000	Ø60x104	N/A	A++	Econ	10
100	A70 LG224110-CSv00	E27	11	1521	2700K	80	15000	Ø70x128	N/A	A++	Econ	11
<b>GOLDEN FILAMENT</b>												
<b>Non-Dim</b>												
21	LG230019-GDv00	E27	1.9	200	2000K	80	15000	Ø60x104	N/A	A++	Econ	12

# P45



220-240V

Eq.Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>Standard Bulb</b> Suitable for enclosed fixtures												
<b>Dim To Warm</b>												
25	LG2604w	E14/E27	4	250	2700-1800K	80	25000	Ø45x84	100-10%	A+	Smart	1
40	LG5205.5w	E14/E27	5.5	470	2700-1800K	80	25000	Ø45x80	100-5%	A+	Smart	2
<b>Step To Warm</b>												
40	LG2605.5sw	E14	5.5	470	2700K[100%] / 2200K[30%]	80	15,000	Ø45x87	100%, 30%	A+	Smart	3
<b>2-Step Dimming</b>												
40	LG2605.5sv2	E14	5.5	470	2800K	80	15000	Ø45x87	100%, 30%	A+	Smart	3
<b>Dimmable</b> SDCM ≤4 Low Flickering Ratio ≤8%												
25	LG2603.8dR9v2	E14	3.8	250	2800K	Ra90	25000	Ø45x87	100-10%	A+	Smart	3
40	LG2605.5dR9	E14	5.5	470	2800K	Ra90	25000	Ø45x87	100-10%	A+	Smart	3
<b>Non-Dim</b> Flicker Free ≤3%												
15	LG2602v2	E14	2	136	2800K	80	15000	Ø45x87	N/A	A+	Econ	3
25	LG2603.5v2	E14	3.5	250	2800K	80	15000	Ø45x87	N/A	A+	Econ	3
40	LG2605.5	E14	5.5	470	2800K	80	15000	Ø45x87	N/A	A+	Econ	3
60	LG221078-OPv00	E14	7.8	810	2800K	80	15000	Ø45x87	N/A	A+	Econ	4
<b>360° Illumination</b>												
<b>Dimmable</b>												
40	LG204053/dm/r9-OPv00	E14	5.3	470	2700K	Ra90	15000	Ø45x79	100-10%	A+	Smart	5
<b>Non-Dim</b>												
15	LG204012-OPv00	E14	1.2	136	2700K	Ra90	15000	Ø45x79	N/A	A++	Econ	5
25	LG204030-OPv00	E14	3	250	2700K	80	15000	Ø45x79	N/A	A++	Econ	5
40	LG204045-OPv00	E14	4.5	470	2700K	80	15000	Ø45x79	N/A	A++	Econ	5
60	LG204063-OPv00	E14	6.3	810	2700K	80	15000	Ø45x79	N/A	A++	Econ	5
<b>Filament</b>												
<b>Step To Warm</b>												
40	LG232040/sw-CSv00	E14	4	470	2700K[100%] / 2200K[30%]	80	15,000	Ø45x79	100%, 30%	A++	Smart	7
<b>Dimmable</b>												
40	LG232053/dm/r9-CSv00	E14	5.3	470	2700K	Ra90	15000	Ø45x79	100-10%	A+	Smart	7
<b>Non-Dim</b>												
25	LG9603CS	E14	3	250	2700K	80	15000	Ø45x79	N/A	A++	Econ	6
40	LG9604CS	E14	4	470	2700K	80	15000	Ø45x79	N/A	A++	Econ	6
60	LG232063-CSv00	E14	6.3	810	2700K	80	15000	Ø45x79	N/A	A++	Econ	7
<b>Golden Filament</b>												
<b>Non-Dim</b>												
N/A	LG222012-GDv00	E14	1.2	100	2000K	80	15000	Ø45x79	N/A	A++	Econ	8



# CANDLE



MEGAMAN® LED Candle offers Standard LED Candle, Filament and 360 illuminations, which perfectly designed as replacement for incandescent lamps.

### Product Features

- RichColour (CRI<90) applies to all MEGAMAN® Candle Dimmable maximising colour richness
- Offers perfect linear dimming and is tested and compatible with 130pcs most popular EU dimmers
- Dim to Warm, Step to Warm and 2-Step Dimming technology allows dimming control by dimmer and normal ON/OFF Switch respectively
- Dimmable standard Candle is with SDCM ≤4 and extra-long life to 25,000hrs
- 360° light illumination with uniform light distribution and high quality lighting performance
- Ideal for chandeliers with filament and golden filament design



220-240V

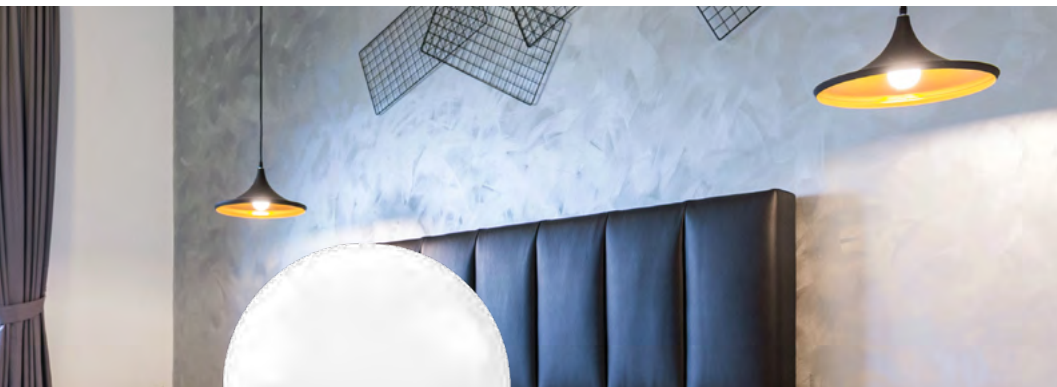
Eq.Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>STANDARD BULB</b> Suitable for enclosed fixtures												
<b>Dim To Warm</b>												
25	LC0404w	E14	4	250	2700K-1800K	80	25000	Ø35x100	100-10%	A+	Smart	1
40	LC1105.5w	E14	5.5	470	2700K-1800K	80	25000	Ø40x106	100-5%	A+	Smart	2
40	LC1105.5wCS	E14	5.5	470	2700K-1800K	80	25000	Ø40x106	100-5%	A+	Smart	3
<b>Step To Warm</b>												
40	LC0405.5sw	E14	5.5	470	2700K[100%] / 2200K[30%]	80	15000	Ø35x107	100%, 30%	A+	Smart	4
<b>2-Step Dimming</b>												
40	LC0405.5sv2	E14	5.5	470	2800K	80	15000	Ø35x107	100%, 30%	A+	Smart	4
<b>Dimmabl</b> SDCM ≤4 Low Flickering Ratio ≤8%												
25	LC0403.8dR9v2	E14	3.8	250	2800K	Ra90	25000	Ø35x107	100-10%	A+	Smart	4
40	LC0405.5dR9	E14	5.5	470	2800K	Ra90	25000	Ø35x107	100-10%	A+	Smart	4
<b>Non-Dim</b> Flicker Free ≤3%												
15	LC0402v2	E14	2	136	2800K	80	15000	Ø35x107	N/A	A+	Econ	4
25	LC0403.5v2	E14	3.5	250	2800K	80	15000	Ø35x107	N/A	A+	Econ	4
40	LC0405.5	E14	5.5	470	2800K	80	15000	Ø35x107	N/A	A+	Econ	4
60	LC206078-OPv00	E14	7.8	810	2800K	80	15000	Ø38x113	N/A	A+	Econ	5
<b>360° ILLUMINATION</b>												
<b>Dimmable</b>												
40	LC200053/dm/r9-OPv00	E14	5.3	470	2700K	Ra90	15000	Ø35x97	100-10%	A+	Smart	6
<b>Non-Dim</b>												
25	LC200030-OPv00	E14	3	250	2700K	80	15000	Ø35x97	N/A	A++	Econ	6
40	LC200045-OPv00	E14	4.5	470	2700K	80	15000	Ø35x97	N/A	A++	Econ	6
60	LC200063-OPv00	E14	6.3	810	2700K	80	15000	Ø35x97	N/A	A++	Econ	6

# CANDLE



220-240V

Eq.Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>FILAMENT LAMP</b>												
<b>Step To Warm</b>												
60	LC208040/sw-CSv00	E14	4	470	2700K[100%] / 2200K[30%]	80	15,000	Ø35x97	100%, 30%	A++	Smart	9
<b>Dimmable</b>												
40	LC208053/dm/r9-CSv00	E14	5.3	470	2700K	Ra90	15000	Ø35x97	100-10%	A+	Smart	9
<b>Non-Dim</b>												
25	LC1403CS	E14	3	250	2700K	80	15000	Ø35x97	N/A	A++	Econ	7
40	LC1404CS	E14	4	470	2700K	80	15000	Ø35x97	N/A	A++	Econ	7
40	LC1404TP	E14	4	470	2700K	80	15000	Ø35x123	N/A	A++	Econ	8
60	LC208063-CSv00	E14	6.3	810	2700K	80	15000	Ø35x97	N/A	A++	Econ	9
<b>GOLDEN FILAMENT</b>												
<b>Non-Dim</b>												
N/A	LC207012-GDv00	E14	1.2	100	2000K	80	15000	Ø35x97	N/A	A++	Econ	10



# GLOBE



The MEGAMAN® LED Globe delivers a simple yet beautiful look with Opal, filament & golden filament for replacement of incandescent globe.

**Product Features**

- Even light distribution with 360° illumination
- Offers perfect linear dimming and is tested and compatible with 130pcs most popular EU dimmers
- Long life time up to 15,000hrs
- Golden Filament (2000K) offers a ultra-warm and cosy atmosphere



220-240V

Eq.Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>360° ILLUMINATION</b>												
<b>Dimmable</b>												
75	LG237086/dm-OPv00	E27	8.6	1055	2700K	80	15000	Ø95x137	100-10%	A++	Smart	1
100	LG237120/dm-OPv00	E27	12	1521	2700K	80	15000	Ø95x137	100-10%	A++	Smart	1
75	LG238086/dm-OPv00	E27	8.6	1055	2700K	80	15000	Ø124x172	100-10%	A++	Smart	2
100	LG238120/dm-OPv00	E27	12	1521	2700K	80	15000	Ø124x172	100-10%	A++	Smart	2
<b>Non-Dim</b>												
75	LG237078-OPv00	E27	7.8	810	2700K	80	15000	Ø95x137	N/A	A+	Econ	1
75	LG237082-OPv00	E27	8.2	1055	2700K	80	15000	Ø95x137	N/A	A++	Econ	1
100	LG237110-OPv00	E27	11	1521	2700K	80	15000	Ø95x137	N/A	A++	Econ	1
75	LG238082-OPv00	E27	8.2	1055	2700K	80	15000	Ø124x172	N/A	A++	Econ	2
100	LG238110-OPv00	E27	11	1521	2700K	80	15000	Ø124x172	N/A	A++	Econ	2
<b>FILAMENT</b>												
<b>Dimmable</b>												
60	LG068083/dm-CSv00	E27	8.3	810	2700K	80	15000	Ø95x137	100-10%	A+	Smart	3
75	LG068086/dm-CSv00	E27	8.6	1055	2700K	80	15000	Ø95x137	100-10%	A++	Smart	3
100	LG068120/dm-CSv00	E27	12	1521	2700K	80	15000	Ø95x137	100-10%	A++	Smart	3
75	LG069086/dm-CSv00	E27	8.6	1055	2700K	80	15000	Ø124x172	100-10%	A++	Smart	4
100	LG069120/dm-CSv00	E27	12	1521	2700K	80	15000	Ø124x172	100-10%	A++	Smart	4
<b>Non-Dim</b>												
60	LG068070-CSv00	E27	7	810	2700K	80	15000	Ø95x137	N/A	A++	Econ	3
75	LG068082-CSv00	E27	8.2	1055	2700K	80	15000	Ø95x137	N/A	A++	Econ	3
100	LG068110-CSv00	E27	11	1521	2700K	80	15000	Ø95x137	N/A	A++	Econ	3
75	LG069082-CSv00	E27	8.2	1055	2700K	80	15000	Ø124x172	N/A	A++	Econ	4
100	LG069110-CSv00	E27	11	1521	2700K	80	15000	Ø124x172	N/A	A++	Econ	4
<b>GOLDEN FILAMENT</b>												
<b>Non-Dim</b>												
21	LG6801.9GD	E27	1.9	200	2000K	80	15000	Ø95x137	N/A	A++	Econ	5
21	LG6901.9GD	E27	1.9	200	2000K	80	15000	Ø124x172	N/A	A++	Econ	6

# ST64



The MEGAMAN®LED Filament ST64 series combine the traditional glamour of incandescent bulbs with efficiency of LED, ideal for decorative application

**Product Features**

- Long life time
- Clear or golden design available
- Golden Filament (2000K) offers a ultra-warm and cosy atmosphere



220-240V

Eq.Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>FILAMENT</b>												
<b>Non-Dim</b>												
40	LG225045-CSv00	E27	4.5	470	2700K	80	15000	Ø64x140	N/A	A++	Econ	1
60	LG226070-CSv00	E27	7	810	2700K	80	15000	Ø64x140	N/A	A++	Econ	2
<b>GOLDEN FILAMENT</b>												
<b>Non-Dim</b>												
21	LG227019-GDv00	E27	1.9	200	2000K	80	15000	Ø64x140	N/A	A++	Econ	3



# GX53



The MEGAMAN® LED GX53 provides an integral LED solution for narrow surface mounted luminaires and recessed fittings of general and ambient lightings.

**Product Features**

- Compact dimension with low profile design
- Both dimmable and non-dim version are available
- Even light distribution and soft lighting
- Long life time up to 25,000hrs
- High efficacy of up to 108lm/W



1

220-240V

Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Dimension (mm)	Rated Life (hrs)	Dimmable	Energy Label	Series	Photo
<b>Dimmable</b>											
LR2205d	GX53	5	300	2800K	80	Ø75x24	25000	100-10%	A+	Smart	1
LR2206d	GX53	6	480	2800K	80	Ø75x24	25000	100-10%	A+	Smart	1
<b>Non-Dim</b>											
LR2203.5	GX53	3.5	220	2800K	80	Ø75x24	15000	N/A	A+	Econ	1
LR2205	GX53	5	300	2800K	80	Ø75x24	15000	N/A	A+	Econ	1
LR2206	GX53	6	520	2800K	80	Ø75x24	15000	N/A	A+	Econ	1
LR209065-OPv00-ND	GX53	6.5	700	2800K	80	Ø75x24	25000	N/A	A++	Econ	1

# T-LAMP



MEGAMAN® LED T-lamp delivers the same light output as its 40W incandescent counterpart, but consumes at least far less energy, allowing this series to be the ideal light source for domestic refrigerators and for general decorative purposes.

- Product Features
- Dimmable and non-dim version available
- Even light distribution and soft lighting
- High efficacy, consumes at least 82% less energy



Input	Eq.Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>STANDARD BULB</b>													
<b>Dimmable</b>													
220-240V	11	LG2402d	E14	2	100	2800K	80	25000	Ø26x57	100-20%	A+	Smart	1
<b>Non-Dim</b>													
220-240V	5	LG234006-OPv00	E14	0.6	50	2800K	80	15000	Ø25x50	N/A	A++	Econ	2
DC12V	10	LG234010-OPv00+DC012	E14	1	90	2800K	80	15000	Ø25x50	N/A	A++	Econ	2
220-240V	10	LG234011-OPv00	E14	1.1	90	2800K	80	15000	Ø25x50	N/A	A++	Econ	2
220-240V	15	LG234016-OPv00	E14	1.6	136	2800K	80	15000	Ø25x50	N/A	A++	Econ	2
220-240V	20	LG5502.2	E14	2.2	200	2800K	80	15000	Ø26x57	N/A	A++	Econ	1
<b>FILAMENT</b>													
<b>Non-Dim</b>													
220-240V	N/A	LG235012-CSv00	E14	1.2	100	2700K	80	15000	Ø25x57	N/A	A++	Econ	3
220-240V	25	LG236025-CSv00	E14	2.5	250	2700K	80	15000	Ø25x85	N/A	A++	Econ	4
220-240V	40	LG236040-CSv00	E14	4	470	2700K	80	15000	Ø25x85	N/A	A++	Econ	4

# LILIPUT



MEGAMAN® LED Liliput is perfect replacement for 47W incandescent and 11W CFL lamps with its high lumen output and high efficacy. It perfectly fits luminaires with narrow cover or limited space.

**Product Features**

- Compact in size, with a diameter of only 40mm
- High lumen output of up to 1055lm
- Efficacy of up to 124lm/W



220-240V

Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Diameter (mm)	Rated Life (hrs)	Energy Label	Photo
<i>Non-Dim</i>									
LG8207	E14/ E27	7	600	2800K	80	E14: Ø41x101 E27: Ø41x101	15000	A+	1
LG082065-OPv00	E14/ E27	6.5	810	2800K	80	E14: Ø41x101 E27: Ø41x101	15000	A++	1
LG203085-OPv00	E14/ E27	8.5	1055	2800K	80	E14: Ø41x109 E27: Ø41x106	15000	A++	2

# G4



MEGAMAN® LED G4 utilizes advanced sub-miniature LED technology, which gives the series same sparkling effects and form as halogen G4, making it an ideal energy saving alternative to the halogen G4, which best fit into intricate or compact luminaires or chandeliers, creating the desired atmosphere instantly.

### Product Features

- Efficacy of up to 111lm/W
- Long time up to 15,000hrs



AC12V

Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>Non-Dim</b>											
EU0301.2	G4	1.2	100	2800K	80	15000	Ø9x30	N/A	A++	Econ	1
EU0401.8	G4	1.8	180	2800K	80	15000	Ø10x37	N/A	A++	Econ	2
EU200025-CSv00	G4	2.5	250	2800K	80	15000	Ø13x39	N/A	A++	Econ	3
EU201027-CSv00	G4	2.7	300	2800K	80	15000	Ø14x47	N/A	A++	Econ	4

G9



MEGAMAN® LED G9 is the easy retrofit to halogen G9 with its highly luminous efficacy and dimmable option.

Product Features

- Dimmable and non-dim version available
- Luminous efficacy of up to 133lm/W
- Lifetime up to 25,000 hours



220-240V

Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>Dimmable</b>											
LU0303d	GU9	3	180	2800K	80	25000	Ø22x46	100-20%	A+	Smart	1
LU200035/dm-OPv00	GU9	3.5	300	2800K	80	25000	Ø18x55	100-20%	A+	Smart	2
LU202045/dm-CSv00	GU9	4.5	510	2800K	80	25000	Ø24x64	100-20%	A++	Smart	3
<b>Non-Dim</b>											
LU0702	GU9	2	180	2800K	80	15000	Ø19x43	N/A	A++	Economy	4
LU0402.5v1	GU9	2.5	220	2800K	80	15000	Ø22x53	N/A	A++	Economy	5
LU201020-CSv00	GU9	2	200	2700K	80	15000	L16xW10xH45	N/A	A++	Economy	6
LU200035-OPv00	GU9	3.5	330	2800K	80	15000	Ø18x55	N/A	A++	Economy	2
LU202045-CSv00	GU9	4.5	600	2800K	80	15000	Ø24x64	N/A	A++	Economy	3

# CROWN SILVER



With the unique silver-plated crown top and clear light bulb finishing, MEGAMAN® LED Crown Silver is best for flawless mirror lighting and decorative lighting with an aesthetic touch. It delivers non-glare lighting just like incandescent lamp with silver coating, whilst greatly reducing electricity and maintenance costs.

### Product Features

- Dimmable and non-dim version available
- Luminous efficacy of up to 105 lm/W



220-240V

Lamp Type	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>Dimmable</b>												
P45	LS200048/dm-CSv00	E14	4.8	380	2700K	80	15000	Ø45x79	100-10%	A+	Smart	1
A60	LS201054/dm-CSv00	E27	5.4	380	2700K	80	15000	Ø60x104	100-10%	A+	Smart	2
A60	LS202086/dm-CSv00	E27	8.6	860	2700K	80	15000	Ø60x104	100-10%	A+	Smart	3
<b>Non-Dim</b>												
P45	LS200040-CSv00	E14	4	380	2700K	80	15000	Ø45x79	N/A	A++	Econ	1
A60	LS201046-CSv00	E27	4.6	380	2700K	80	15000	Ø60x104	N/A	A+	Econ	2
A60	LS202082-CSv00	E27	8.2	860	2700K	80	15000	Ø60x104	N/A	A+	Econ	3



## DECORATIVE LAMP

MEGAMAN® LED Decorative Lamp offers soft and evenly distributed light in golden or grey finishing to give a vintage vibe to the illuminated area. The bulb has a colour temperature of 1800K, providing a warm and cosy atmosphere.

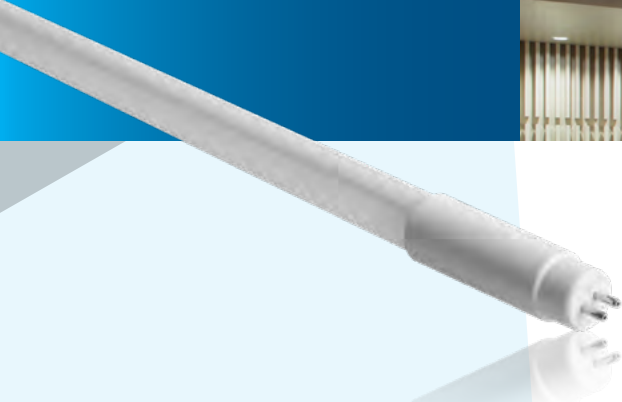
### Product Features

- Step dimming and non-dim version available
- Offered in a variety of shapes for different decorative fixture



Type	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Series	Photo
<b>Non-Dim</b>											
Candle	LC209020-GDv00	E14	2	65	1800K	80	15000	Ø35x104	N/A	Econ	1
A60	LG241020-GDv00	E27	2	65	1800K	80	15000	Ø60x112	N/A	Econ	2
T30	LG242020-GDv00	E27	2	65	1800K	80	15000	Ø30x185	N/A	Econ	3
<b>3-Step Dimming</b>											
ST64	LG243050/ds-GDv00	E27	5	200	1800K	80	15000	Ø64x142	100%, 50%, 20%	Smart	4
G95	LG245050/ds-GDv00	E27	5	200	1800K	80	15000	Ø95x144	100%, 50%, 20%	Smart	5
G125	LG246050/ds-GDv00	E27	5	200	1800K	80	15000	Ø125x164	100%, 50%, 20%	Smart	6
Polygon	LP201050/ds-GDv00	E27	5	200	1800K	80	15000	Ø125x142	100%, 50%, 20%	Smart	7

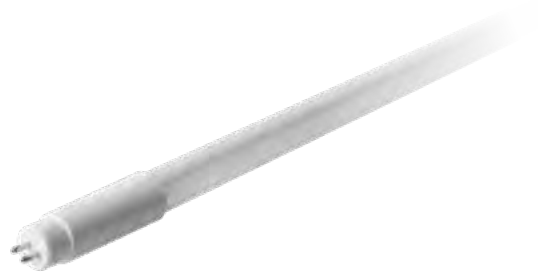
# T5 TUBE



MEGAMAN® T5 LED Tube series is the perfect replacement of traditional fluorescent lamp. The MEGAMAN® T5 LED Tube has options for both AC Input and electronic ballast. Extra-long life time up to 50,000hrs

**Product Features**

- Low Flickering Ratio ≤8%
- High efficacy of up to 153 lm/W
- Lifetime of 50,000 hours
- AC & electronic ballast compatible



220-240V AC Voltage Low Flickering Ratio ≤8%

Eq. Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Lumen Efficacy (lm/W)	Colour Temp. (CRI)	Rated Life (hrs)	Dimension (mm)	Power Factor (λ)	Energy Label	Series
<b>600mm</b>											
14W	LT201075/ac-06v00	G5	7.5	1000	133	3000K [Ra80]	50000	Ø18 x 563	>0.9	A++	Smart
14W	LT201075/ac-06v00	G5	7.5	1100	147	4000K [Ra80]	50000	Ø18 x 563	>0.9	A++	Smart
14W	LT201075/ac-06v00	G5	7.5	1100	147	6500K [Ra80]	50000	Ø18 x 563	>0.9	A++	Smart
<b>1200mm</b>											
28W	LT201160/ac-12v00	G5	16	2200	138	3000K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
28W	LT201160/ac-12v00	G5	16	2400	150	4000K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
28W	LT201160/ac-12v00	G5	16	2400	150	6500K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
54W	LT201260/ac-12v00	G5	26	3600	138	3000K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
54W	LT201260/ac-12v00	G5	26	3900	150	4000K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
54W	LT201260/ac-12v00	G5	26	3900	150	6500K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
<b>1500mm</b>											
49W	LT201260/ac-15v00	G5	26	3600	138	3000K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
49W	LT201260/ac-15v00	G5	26	3900	150	4000K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
49W	LT201260/ac-15v00	G5	26	3900	150	6500K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
80W	LT201340/ac-15v00	G5	34	4600	135	3000K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
80W	LT201340/ac-15v00	G5	34	5100	150	4000K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
80W	LT201340/ac-15v00	G5	34	5100	150	6500K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart



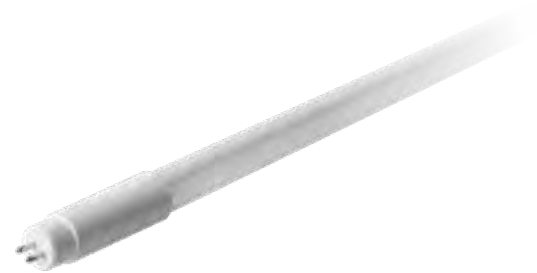
# T5 TUBE



MEGAMAN® T5 LED Tube series is the perfect replacement of traditional fluorescent lamp. The MEGAMAN® T5 LED Tube has options for both AC Input and electronic ballast. Extra-long life time up to 50,000hrs

**Product Features**

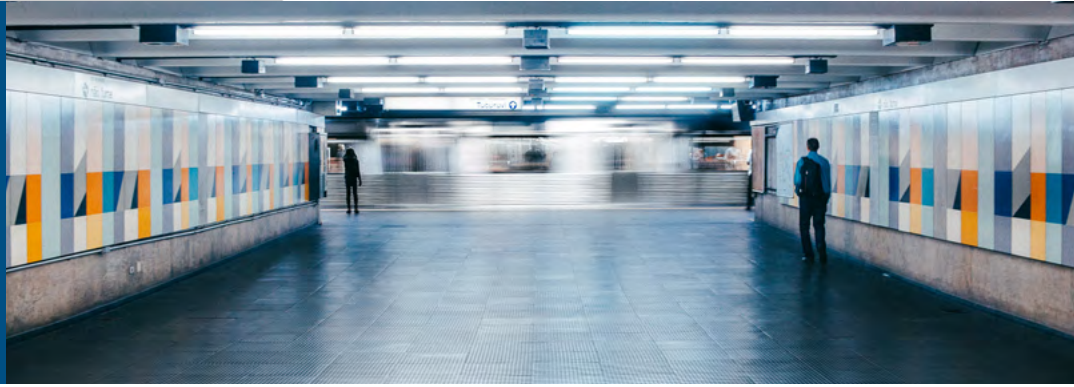
- Low Flickering Ratio ≤8%
- High efficacy of up to 153 lm/W
- Lifetime of 50,000 hours
- AC & electronic ballast compatible



Electronic Ballast		Low Flickering Ratio ≤8%									
Eq. Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Lumen Efficacy (lm/W)	Colour Temp. (CRI)	Rated Life (hrs)	Dimension (mm)	Power Factor (λ)	Energy Label	Series
<b>600mm</b>											
14W	LT201075/eb-06v00	G5	7.5	1000	133	3000K [Ra80]	50000	Ø18 x 563	>0.9	A++	Smart
14W	LT201075/eb-06v00	G5	7.5	1100	147	4000K [Ra80]	50000	Ø18 x 563	>0.9	A++	Smart
14W	LT201075/eb-06v00	G5	7.5	1100	147	6500K [Ra80]	50000	Ø18 x 563	>0.9	A++	Smart
<b>1200mm</b>											
28W	LT201160/eb-12v00	G5	16	2200	138	3000K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
28W	LT201160/eb-12v00	G5	16	2400	150	4000K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
28W	LT201160/eb-12v00	G5	16	2400	150	6500K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
54W	LT201260/eb-12v00	G5	26	3600	138	3000K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
54W	LT201260/eb-12v00	G5	26	3900	150	4000K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
54W	LT201260/eb-12v00	G5	26	3900	150	6500K [Ra80]	50000	Ø18 x 1163	>0.9	A++	Smart
<b>1500mm</b>											
35W	LT201190/eb-15v00	G5	19	2650	139	3000K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
35W	LT201190/eb-15v00	G5	19	2900	153	4000K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
35W	LT201190/eb-15v00	G5	19	2900	153	6500K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
49W	LT201260/eb-15v00	G5	26	3600	138	3000K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
49W	LT201260/eb-15v00	G5	26	3900	150	4000K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
49W	LT201260/eb-15v00	G5	26	3900	150	6500K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
80W	LT201370/eb-15v00	G5	37	5100	138	3000K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
80W	LT201370/eb-15v00	G5	37	5600	151	4000K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart
80W	LT201370/eb-15v00	G5	37	5600	151	6500K [Ra80]	50000	Ø18 x 1463	>0.9	A++	Smart

\* Please refer to page 60 to 61 for the compatibility list.

# T8 TUBE



MEGAMAN® LED T8's smooth appearance and even light distribution achieved by wide exit window closely resembles traditional fluorescent T8 tube.

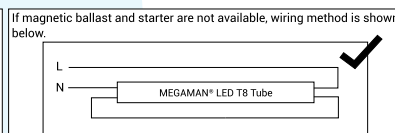
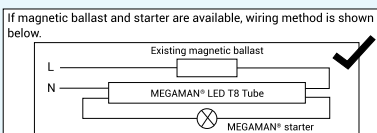
### Product Features

- Flicker free  $\leq 3\%$  provides maximum visual comfort
- High efficacy of up to 167 lm/W
- Lifetime of up to 50,000 hours
- Operating temperature ranges from  $-30^{\circ}$  to  $65^{\circ}$



220-240V	Magnetic Ballast Compatible	AC Input	* Flicker Free $\leq 3\%$
----------	-----------------------------	----------	---------------------------

Eq. Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Lumen Efficacy (lm/W)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Energy Label	Power Factor ( $\lambda$ )	Series
<b>600mm</b>												
18	LT200065/mb-06v00*	G13	6.5	900	138	3000K	80	50000	$\varnothing 28 \times 603$	A++	>0.9	Smart
18	LT200065/mb-06v00*	G13	6.5	1000	154	4000K	80	50000	$\varnothing 28 \times 603$	A++	>0.9	Smart
18	LT200065/mb-06v00*	G13	6.5	1000	154	6500K	80	50000	$\varnothing 28 \times 603$	A++	>0.9	Smart
18	LT200090/mb-06v00	G13	9	830	92	3000K	80	30000	$\varnothing 28 \times 603$	A+	>0.9	Econ
18	LT200090/mb-06v00	G13	9	920	102	4000K	80	30000	$\varnothing 28 \times 603$	A+	>0.9	Econ
18	LT200090/mb-06v00	G13	9	920	102	6500K	80	30000	$\varnothing 28 \times 603$	A+	>0.9	Econ
<b>1200mm</b>												
36	LT200160/mb-12v01*	G13	16	2200	138	3000K	80	50000	$\varnothing 28 \times 1212$	A++	>0.9	Smart
36	LT200160/mb-12v01*	G13	16	2400	150	4000K	80	50000	$\varnothing 28 \times 1212$	A++	>0.9	Smart
36	LT200160/mb-12v01*	G13	16	2400	150	6500K	80	50000	$\varnothing 28 \times 1212$	A++	>0.9	Smart
36	LT200160/mb-12v00	G13	16	1550	97	3000K	80	30000	$\varnothing 28 \times 1212$	A+	>0.9	Econ
36	LT200160/mb-12v00	G13	16	1700	106	4000K	80	30000	$\varnothing 28 \times 1212$	A+	>0.9	Econ
36	LT200160/mb-12v00	G13	16	1700	106	6500K	80	30000	$\varnothing 28 \times 1212$	A+	>0.9	Econ
<b>1500mm</b>												
58	LT200240/mb-15v01*	G13	24	3800	158	3000K	80	50000	$\varnothing 28 \times 1513$	A++	>0.9	Pro
58	LT200240/mb-15v01*	G13	24	4000	167	4000K	80	50000	$\varnothing 28 \times 1513$	A++	>0.9	Pro
58	LT200240/mb-15v01*	G13	24	4000	167	6500K	80	50000	$\varnothing 28 \times 1513$	A++	>0.9	Pro
58	LT200240/mb-15v00*	G13	24	3300	138	3000K	80	50000	$\varnothing 28 \times 1513$	A++	>0.9	Smart
58	LT200240/mb-15v00*	G13	24	3600	150	4000K	80	50000	$\varnothing 28 \times 1513$	A++	>0.9	Smart
58	LT200240/mb-15v00*	G13	24	3600	150	6500K	80	50000	$\varnothing 28 \times 1513$	A++	>0.9	Smart
58	LT200230/mb-15v00	G13	23	2200	96	3000K	80	30000	$\varnothing 28 \times 1513$	A+	>0.9	Econ
58	LT200230/mb-15v00	G13	23	2400	104	4000K	80	30000	$\varnothing 28 \times 1513$	A+	>0.9	Econ
58	LT200230/mb-15v00	G13	23	2400	104	6500K	80	30000	$\varnothing 28 \times 1513$	A+	>0.9	Econ



# CLUSTERLITE®



MEGAMAN® LED CLUSTERLITE® is specifically designed to replace Mercury tungsten blended lamps and metal halide lamps used in commercial and industrial areas. MEGAMAN® LED Clusterlite® has phenomenal attributes compared to high pressure discharge lamps; including high lumen maintenance, even light distribution, good colour rendering, high colour uniformity, negligible colour shift and excellent energy-savings.

### Product Features

- Compact tubing design for maximum lumen output
- Extremely high lumen output of up to 11,500 lm
- High efficacy of up to 152lm/W
- Lifetime of up to 50,000 hours
- Passive cooling and active cooling options available
- 4kV surge protection
- Free of harmful UV and radioactive Kr85
- Ultra-warm light available with colour temperature of 2000K for sodium lamp replacement



220-240V

Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Energy Label	Series	Photo
<b>Passive Cooling</b>										
LH200032-OPv00	E27	32	4000 [2800K] 4200 [4000K]	2800K,4000K	80	30000	Ø63x195	A++	Pro	1
<b>Active Cooling</b>										
LH0127	E27	27	2800 [2800K, 4000K]	2800K,4000K	80	45000	Ø63x195	A+	Pro	2
LH0132	E27	32	4000 [2800K] 4160 [4000K]	2800K,4000K	80	35000	Ø63x195	A++	Pro	2
LH0133	E27	33	4800 [2800K] 5000 [4000K]	2800K,4000K	80	35000	Ø63x195	A++	Pro	2
LH0246*	E27/E40	46	6700 [2800K] 7000 [4000K]	2800K,4000K	80	35000	Ø63x225 [E27] Ø63x238 [E40]	A++	Pro	3
LH201080-OPv00*	E27/E40	80	11000 [2800K] 11500 [4000K]	2800K,4000K	80	50000	Ø80x252 [E27] Ø80x265 [E40]	A++	Pro	4
<b>Active Cooling   Sodium Lamp Replacement</b>										
LH0133	E27	33	3300	2000K	80	35000	Ø63x195	A+	Pro	2
LH0246*	E27/E40	46	4700	2000K	80	35000	Ø63x225 [E27] Ø63x238 [E40]	A+	Pro	3
LH201080-OPv00*	E27/E40	80	7700	2000K	80	50000	Ø80x252 [E27] Ø80x265 [E40]	A+	Pro	4

### \*4kV Surge Protection

- The LED CLUSTERLITE® is not water resistant. The waterproof performance of the lamp would only be attained if the lamp is used with a fittings with IP rating of IP44 or above
- The ambient temperature inside the fixture must not exceed 60°C, which is equivalent to a minimum volume of 120 x 360 x 220(mm)
- The ambient temperature for LH201080-OPv00 inside the fixture must not exceed 40°C, which is equivalent to a minimum volume of 580 x 580 x 400(mm)
- The noise level for LH0132 is 23dB in an enclosed fixture and 35dB when free burning
- The noise level for LH0133 and LH0246 is 28dB in an enclosed fixture and 40dB when free burning
- The noise level for LH201080-OPv00 is 40dB when free burning

# PLANT LAMP



MEGAMAN® LED Plant Lamp series is an eco-friendly solution for horticulture lighting to assist plants in the photosynthesis process without adding extra heat, which can increase the plant yield.

**Product Features**

- Up to IP55, protecting the light source from water and dust
- More control over cultivation with custom light recipes, to meet specific needs of specific crops
- Tailored light spectrum for enhance nutritional value and quantity
- Sustainable crop cultivation for shorter growth cycles and healthier crop growth



220-240V

Lamp Type	Model No.	Wattage (W)	Beam Angle (°)	Lamp Base	Dimension (mm)	Rated Life (hrs)	Photon Flux (umol/s)	Photon Flux per Watt (umol/J)	IP Rating	Series	Photo
PAR38	LR032120/pt-DGv00-FL	12	35	E27	Ø121x132	25000	24	2	IP55	Smart	1
A60	LG072085/pt-OPv00	8.5	N/A	E27	Ø60x112	25000	17.5	2.1	IP20	Smart	2

## MEGAMAN® HORTICULTURE LIGHTING

### Important Segments for Horticulture Lighting

- Ceiling Lighting



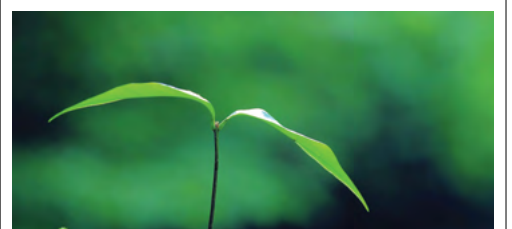
- Multilayer Cultivation



Plant	Visible Light Spectrum	Effect on Plant	Reference
Cabbage	660nm (Red)	Increased anthocyanin content	1
Baby Leaf Lettuce	658nm (Red)	Phenolics concentration increased by 6%	2
Tomato	660nm (Red)	Increased tomato yield	3
Kale Plants	640nm (Red)	Lutein and chlorophyll a, b accumulation increased	4
Lettuce	638nm (Red)	Increased vitamin C content in mustard, spinach and green onions	5
Green Onions	638nm (Red)	Reduction of nitrate content	5

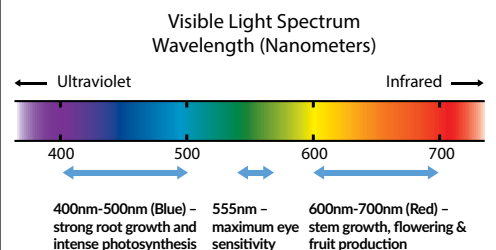
**Reference:**

1. [https://www.actahort.org/books/907/907\\_25.htm](https://www.actahort.org/books/907/907_25.htm)
2. <https://www.sciencedirect.com/science/article/pii/S00988472090013483>
3. [https://www.jstage.jst.go.jp/article/ecb/50/1/50\\_63/\\_article](https://www.jstage.jst.go.jp/article/ecb/50/1/50_63/_article)
4. <http://hortsci.ashspubs.org/content/43/7/2243.abstract>
5. <http://hortsci.ashspubs.org/content/44/7/1857.full>



**Artificial lighting is necessary because:**

- Supplemental lighting
- Photoperiodic lighting
- Cultivation without daylight



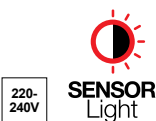
# SENSOR LIGHT



Equipped with an ingenious light sensor, the MEGAMAN® LED Sensor Light automatically lights up in darkness and turns itself off in a bright environment, helping to conserve energy.

**Product Features**

- Built-in sensors or front & back sensor design
- Automatic detection of surrounding brightness level with high sensitivity and wide range
- High efficacy of up to 125 lm/W



Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Energy Label	Series	Photo
<b>STANDARD BULB</b>										
LG7105.5r	E27	5.5	470	2800K	80	15000	Ø60x109	A+	Smart	1
LG7108r	E27	8	810	2800K	80	15000	Ø60x109	A+	Smart	1
LG7112r	E27	12	1250	2800K	80	15000	Ø60x109	A+	Smart	1
<b>FILAMENT</b>										
LG6105rCS	E27	5	470	2700K	80	15000	Ø60x104	A+	Smart	2
LG9806.5rCS	E27	6.5	810	2700K	80	15000	Ø60x104	A++	Smart	3

# FIRE LAMP



MEGAMAN® LED Fire Lamp is designed to look like real flickering flames without generating heat like real fire. This series is the ideal application for lanterns and other decorative fixtures, and can be used base up or base down.

**Product Features**

- Extremely warm light available with colour temperature of 1400K
- Mimics real flame effect without danger and inconvenience of open flame, hot wax or smoke
- Lifetime of 25,000 hours



1

220-240V

Model No.	Lamp Base	Wattage (W)	Colour Temp.	Rated Life (hrs)	Dimension (mm)	Series	Photo
LF200025-OPv00	E27	2.5	1400K	25000	Ø60x126	Smart	1



# NIGHT LIGHT



MEGAMAN® LED Night Light shine through the dark and give user a sense of security indoor or outdoor. Its low heat design makes it much safer than incandescent bulbs.

**Product Features**

- Different light colour options
- High efficacy with only 0.2W
- Various plug type



220-240V

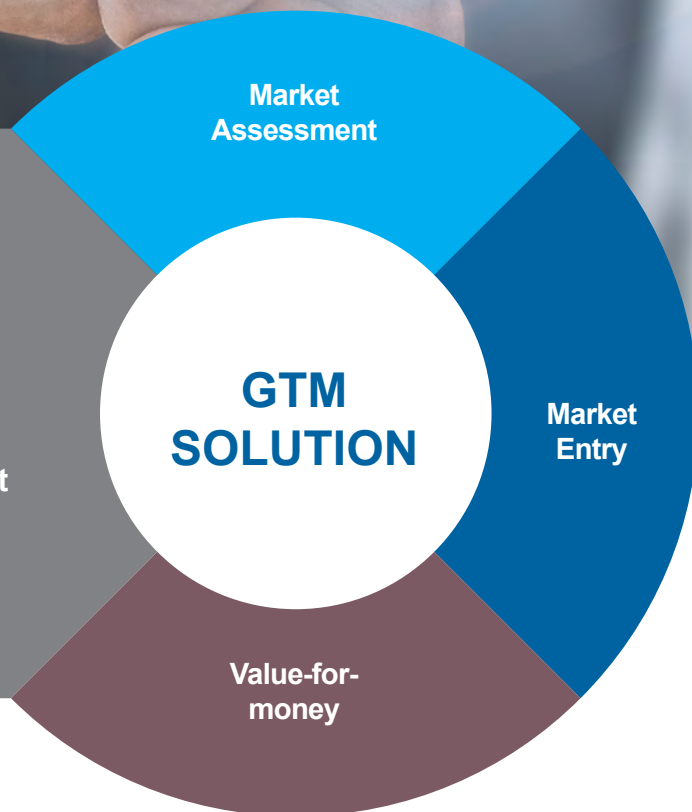
Model No.	Wattage (W)	Plug Type	Diameter (mm)	Length (mm)	Width (mm)	Height (mm)	Colour Available	Photo
NL010.2	0.2	EU	65	76	N/A	N/A	Warm White (2700K), Blue, Flame, Green, Red, White	1
NL050.2	0.2	AU	41	57	N/A	N/A	Warm White (2700K), Blue, Flame, Green, Red, White	2
NL050.2	0.2	CN	41	56	N/A	N/A	Warm White (2700K), Blue, Flame, Green, Red, White	2
NL050.2	0.2	EU	41	66	N/A	N/A	Warm White (2700K), Blue, Flame, Green, Red, White	2
NL050.2	0.2	UK	N/A	50	46	64	Warm White (2700K), Blue, Flame, Green, Red, White	3

**Value-for-money  
Product range**

MEGAMAN®

# Go-to-market

Experience of Go-to-market product range in emerging markets





# GTM RANGE



220-240V

Eq.Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Dimmable	Energy Label	Series	Photo
<b>P45</b>												
25	LG2603v1*	E14	3	250	2700K	80	15000	Ø45x87	N/A	A++	GTM	1
40	LG2605.5v1*	E14	5.5	470	2700K	80	15000	Ø45x87	N/A	A+	GTM	1
<b>CANDLE</b>												
25	LC0403v1*	E14	3	250	2700K	80	15000	Ø35x108	N/A	A+	GTM	2
40	LC0405.5v1*	E14	5.5	470	2700K	80	15000	Ø35x108	N/A	A+	GTM	2
<b>A60</b>												
40	LG7106v1*	E27	6	470	2700K	80	15000	Ø60x109	N/A	A+	GTM	3
60	LG7109v1**	E27	9	810	2700K	80	15000	Ø60x109	N/A	A+	GTM	3
75	LG240115-OPv00**	E27	11.5	1055	2700K	80	15000	Ø60x109	N/A	A+	GTM	4
100	LG240135-OPv00**	E27	13.5	1521	2700K	80	15000	Ø60x109	N/A	A+	GTM	4

\* Work with enclosed fixture

\*\* Work with enclosed fixture with minimum volume of Ø203mm x H280mm



220-240V

Eq.Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Energy Label	Series	Photo
T80	LG250200-OPv00	E27	20	2000	3000K	80	15000	80x150	A+	GTM	1
T80	LG250200-OPv00	E27	20	2100	4000K	80	15000	80x150	A++	GTM	1
T80	LG250200-OPv00	E27	20	2100	6500K	80	15000	80x150	A++	GTM	1
T100	LG251260-OPv00	E27	26	2850	3000K	80	15000	100x190	A++	GTM	2
T100	LG251260-OPv00	E27	26	3000	4000K	80	15000	100x190	A++	GTM	2
T100	LG251260-OPv00	E27	26	3000	6500K	80	15000	100x190	A++	GTM	2
T120	LG252400-OPv00	E27	40	3900	3000K	80	15000	118X221	A+	GTM	3
T120	LG252400-OPv00	E27	40	4200	4000K	80	15000	118X221	A++	GTM	3
T120	LG252400-OPv00	E27	40	4200	6500K	80	15000	118X221	A++	GTM	3

# GTM RANGE



1

220-240V

Magnetic Ballast Compatible

AC Input

Low Flickering Ratio ≤8%

Eq. Watt (W)	Model No.	Lamp Base	Wattage (W)	Lumen (lm)	Lumen Efficacy (lm/W)	Colour Temp.	CRI	Rated Life (hrs)	Dimension (mm)	Energy Label	Power Factor (λ)	Series	Photo
<b>600mm</b>													
18	LT200080/mb-06v00	G13	8	720	90	3000K	80	15000	Ø28x589	A+	>0.5	GTM	1
18	LT200080/mb-06v00	G13	8	800	100	4000K	80	15000	Ø28x589	A+	>0.5	GTM	1
18	LT200080/mb-06v00	G13	8	800	100	6500K	80	15000	Ø28x589	A+	>0.5	GTM	1
<b>1200mm</b>													
36	LT200160/mb-12v02	G13	16	1450	91	3000K	80	15000	Ø28x1198	A+	>0.5	GTM	1
36	LT200160/mb-12v02	G13	16	1600	100	4000K	80	15000	Ø28x1198	A+	>0.5	GTM	1
36	LT200160/mb-12v02	G13	16	1600	100	6500K	80	15000	Ø28x1198	A+	>0.5	GTM	1
<b>1500mm</b>													
58	LT200200/mb-15v00	G13	20	1800	90	3000K	80	15000	Ø28x1499	A+	>0.5	GTM	1
58	LT200200/mb-15v00	G13	20	2000	100	4000K	80	15000	Ø28x1499	A+	>0.5	GTM	1
58	LT200200/mb-15v00	G13	20	2000	100	6500K	80	15000	Ø28x1499	A+	>0.5	GTM	1

# Reference



# MEGAMAN® T5 SERIES COMPATIBILITY LIST

## LT201075/eb-06v00 | 563mm | 7.5W | 1100lm

Brand	Model No.	Article No. / Ref No. / STK No.	EAN 10	Lamps on ballast	AC (50/60Hz) on HF Ballast Compatible
PHILIPS	HF-R 114-35 TL-5 EII	N/A	N/A	1	Yes
PHILIPS	HF-R 214-35 TL5 E11	N/A	N/A	2	Yes
OSRAM	QTP5 1X14-35	N/A	N/A	1	Yes
OSRAM	QTP5 2*14-35	N/A	N/A	2	Yes
OSRAM	QT-FIT5 2X14-35	N/A	N/A	2	Yes
TRIDONIC	PC 1/14-35/49/54 T5 PRO-M Ip	N/A	N/A	1	Yes
TRIDONIC	PC 1/14-35/24/39 T5 PRO-M Ip	N/A	N/A	1	Yes
TRIDONIC	PC 2x14-35 T5 PRO Ip	N/A	N/A	2	Yes

## LT201160/eb-12v00 | 1163mm | 16W | 2400lm

Brand	Model No.	Article No. / Ref No. / STK No.	EAN 10	Lamps on ballast	AC (50/60Hz) on HF Ballast Compatible
PHILIPS	HF-R 114-35 TL-5 EII	N/A	N/A	1	Yes
PHILIPS	HF-R 214-35 TL5 E11	N/A	N/A	2	Yes
OSRAM	QTP5 1X14-35	N/A	N/A	1	Yes
OSRAM	QT-FIT5 1X14-35	N/A	N/A	1	Yes
OSRAM	QT-FIT5 2X14-35	N/A	N/A	2	Yes
OSRAM	QTP5 2*14-35	N/A	N/A	2	Yes
TRIDONIC	PC 1X14-35 T5 PRO Ip	N/A	N/A	1	Yes
TRIDONIC	PC 2x14-35 T5 PRO Ip	N/A	N/A	2	Yes

## LT201260/eb-12v00 | 1163mm | 26W | 3900lm

Brand	Model No.	Article No. / Ref No. / STK No.	EAN 10	Lamps on ballast	AC (50/60Hz) on HF Ballast Compatible
BAG	MLS80.1/54.2FR-11/220-240	10071609	N/A	1	Yes
BAG	MLS80.1FR-11/220-240	10071608	N/A	1	Yes
BAG	MF1/54, 55, 58 BAG-BCS54.FX	N/A	N/A	1	Yes
OSRAM	QTI 1X28/54/35/49 GII	4030027	4008321383358	1	Yes
OSRAM	QTI 2x28/54 DIM	4030254	4050300870717	2	Yes
OSRAM	QTI 2X28/54/35/49 GII	4030516	4008321383419	2	Yes
OSRAM	QT-FIT 5/8 2X54-58	4030291	4008321873842	2	Yes
OSRAM	QTP OPTIMAL 1X54-58	N/A	4008321873729	1	Yes
OSRAM	QTP OPTIMAL 2X54-58	4030271	4008321880253	2	Yes
OSRAM	MF 1/54-58 OSR-QTP-OPTI	4008321873729	N/A	1	Yes
OSRAM	1/54 OSR-QTP5-G2	N/A	N/A	1	Yes
OSRAM	QTP5II 1x54	N/A	4008321329394	1	Yes
PHILIPS	HF-P 154/155 TL5 HO/PL-L III IDC	86348200	872790086348200	1	Yes
PHILIPS	HF-P 254/255 TL5 HO/PL-L III IDC	86351200	872790086351200	2	Yes
PHILIPS	HF-Pi 1 28/35/49/54 TL-5 EII 220-240	91496530	871150091496530	1	Yes
PHILIPS	HF-R 254 TL5 EII 220-240	91008030	8711500910080	2	Yes
PHILIPS	HF-P 154 E2 III	N/A	N/A	1	Yes
PHILIPS	HF-P 154 TL5 E2	N/A	N/A	1	Yes
PHILIPS	HF-S 154 TL5	N/A	N/A	1	Yes
PHILIPS	HF-S 254 TL5	N/A	N/A	2	Yes
TRIDONIC	PCA 2x28/54 T5 EXCEL one4all Ip	22176175	N/A	2	Yes
TRIDONIC	PC 2X54-T5 PRO Ip	22185156	9006210250106	2	Yes
VS	ELXc 154.633	188946	N/A	1	Yes
VS	ELXc 254.636	188949	N/A	2	Yes
VS	1/54 VS-ELXC	N/A	N/A	1	Yes
HELVAR	1/54 HEL-EL-s-75°	N/A	N/A	1	Yes
HELVAR	EL 1x54S	N/A	N/A	1	Yes
HELVAR	1x54 NGN5	N/A	N/A	1	Yes

# MEGAMAN® T5 SERIES COMPATIBILITY LIST

## LT201190/eb-15v00 | 1463mm | 19W | 2900lm

Brand	Model No.	Article No. / Ref No. / STK No.	EAN 10	Lamps on ballast	AC (50/60Hz) on HF Ballast Compatible
PHILIPS	HF-R 114-35 TL-5 EII	N/A	N/A	1	N/A
PHILIPS	HF-R 214-35 TL5 E11	N/A	N/A	2	N/A
PHILIPS	HF-S 235 TL5 II	N/A	N/A	2	N/A
OSRAM	QT-FIT5 1X14-35	N/A	N/A	1	N/A
OSRAM	QT-FIT5 2X14-35	N/A	N/A	2	N/A
OSRAM	QTP5 2*14-35	N/A	N/A	2	N/A
TRIDONIC	PC 2x14-35 T5 PRO Ip	N/A	N/A	2	N/A

## LT201260/eb-15v00 | 1463mm | 26W | 3900lm

Brand	Model No.	Article No. / Ref No. / STK No.	EAN 10	Lamps on ballast	AC (50/60Hz) on HF Ballast Compatible
PHILIPS	HF-S 149 TL5 II	N/A	N/A	1	Yes
PHILIPS	HF-S 249 TL5 II	N/A	N/A	2	Yes
OSRAM	QT-FIT5 1X49	N/A	N/A	1	Yes
OSRAM	QTP5 1X49	N/A	N/A	1	Yes
OSRAM	QTP5 2X49	N/A	N/A	2	Yes
OSRAM	QT-FIT5 2X49	N/A	N/A	2	Yes
TRIDONIC	PC 1X49 T5 TOP Ip	N/A	N/A	1	Yes
TRIDONIC	PC 1/49 T5 INDUSTRY	N/A	N/A	1	Yes
TRIDONIC	PC 2/49 T5 INDUSTRY	N/A	N/A	2	Yes
TRIDONIC	PC 2X49 T5 TOP Ip	N/A	N/A	2	Yes
TRIDONIC	PC 2X49 T5 PRO Ip	N/A	N/A	2	Yes
BAG	BCS49.1FX-11/220-240	N/A	N/A	1	Yes
BAG	BCS49.2FX-11/220-240	N/A	N/A	2	Yes
Helvar	EL1X49ngn5	N/A	N/A	1	Yes

## LT201370/eb-15v00 | 1463mm | 37W | 5600lm

Brand	Model No.	Article No. / Ref No. / STK No.	EAN 10	Lamps on ballast	AC (50/60Hz) on HF Ballast Compatible
PHILIPS	HF-P 2 80 TL5/PL-L III IDC	N/A	N/A	2	Yes
OSRAM	QTi 1X35/49/80/GII	N/A	N/A	1	Yes
OSRAM	QT-FQ 2X80	N/A	N/A	2	Yes
OSRAM	QTi 2X35/49/80/GII	N/A	N/A	2	Yes
TRIDONIC	PC 1X80 T5 PRO Ip	N/A	N/A	1	Yes
TRIDONIC	PC 2/80 T5 INDUSTRY	N/A	N/A	2	Yes
TRIDONIC	PC 2X80 T5 PRO Ip	N/A	N/A	2	Yes
BAG	BCS80.1FX-11/220-240	N/A	N/A	1	Yes
BAG	BCS80.2FX-11/220-240	N/A	N/A	2	Yes
Helvar	EL2X80ngn5	N/A	N/A	2	Yes
VS	ELXc 180.634	N/A	N/A	1	Yes

\* MEGAMAN® has provided this ballast compatibility list for guidance when selecting a ballast and lamp combination.  
The T5 tube were tested for compatibility with the below listed ballasts. Ballasts that do not appear on the chart might still be compatible but have not been tested.

# Product Index

Model No./ Product Code	Series Name	Page No.
DM601/z1	Smart Lighting	24
ER045055-LNv00-WF	MR16	30
ER045060-LNv00-WF	MR16	30
ER200065/dm-HRv00-NF	MR16	30
ER200065/dm-HRv00-SP	MR16	30
ER200065/dm-HRv00-WF	MR16	30
ER200065/dw/ru-HRv00-WF	MR16	30
ER201030-LNv00-WF	MR11	33
ER203080/dm-HRv00-NF	MR16	30
ER203080/dm-HRv00-NS	MR16	30
ER203080/dm-HRv00-WF	MR16	30
ER205110/dm/db-HRv00-2B+024D045D	AR111	27
ER205120/dw/db/ru-HRv00-2B+024D045D	AR111	27
ER205130/dm/db/ru-HRv00-2B+024D045D	AR111	27
ER205130/dm/db-HRv00-2B+024D045D	AR111	27
ER208055-HRv00-WF	MR16	30
ER208060-HRv00-WF	MR16	30
ER2304-20H36D	MR11	33
ER2811dHR-50H08D	AR111	27
ER2812dR9HR-75H08D	AR111	27
EU0301.2	G4	44
EU0401.8	G4	44
EU200025-CSv00	G4	44
EU201027-CSv00	G4	44
EX200240/z1/ec-CSv00	Smart Lighting	23
GW601/z1-EU	Smart Lighting	24
GW601/z1-UK	Smart Lighting	24
LC0402v2	CANDLE	37
LC0403.5v2	CANDLE	37
LC0403.8dR9v2	CANDLE	37
LC0403v1	CANDLE	57
LC0404w	CANDLE	37
LC0405.5	CANDLE	37
LC0405.5dR9	CANDLE	37
LC0405.5sv2	CANDLE	37
LC0405.5sw	CANDLE	37
LC0405.5v1	CANDLE	57
LC1105.5w	CANDLE	37
LC1105.5wCS	CANDLE	37
LC1403CS	CANDLE	38
LC1404CS	CANDLE	38
LC1404TP	CANDLE	38
LC200030-OPv00	CANDLE	37
LC200045-OPv00	CANDLE	37
LC200053/dm/r9-OPv00	CANDLE	37
LC200063-OPv00	CANDLE	37
LC201060/dm/z1-OPv00	Smart Lighting	22
LC206078-OPv00	CANDLE	37
LC207012-GDv00	CANDLE	38
LC208040/sw-CSv00	CANDLE	38
LC208053/dm/r9-CSv00	CANDLE	38
LC208063-CSv00	CANDLE	38
LC209020-GDv00	Decorative Lamp	47
LC210060/tw/z1-OPv00	Smart Lighting	22
LD0509x1d-C350	MR16 (Driver)	30
LD205021/dm-C0350	MR16 (Driver)	30
LF200025-OPv00	FIRE LAMP	54
LG068070-CSv00	Globe	39
LG068082-CSv00	Globe	39
LG068083/dm-CSv00	Globe	39
LG068086/dm-CSv00	Globe	39
LG068110-CSv00	Globe	39
LG068120/dm-CSv00	Globe	39
LG069082-CSv00	Globe	39
LG069086/dm-CSv00	Globe	39
LG069110-CSv00	Globe	39
LG069120/dm-CSv00	Globe	39
LG072085/pt-OPv00	PLANT LAMP	52
LG082065-OPv00	LILIPUT	43
LG200133/dm/r9-OPv00	A60	34
LG200140/dm/r9-OPv00	A60	34

Model No./ Product Code	Series Name	Page No.
LG200140-OPv00	A60	34
LG200155-OPv00	A60	34
LG203085-OPv00	LILIPUT	43
LG204012-OPv00	P45	36
LG204030-OPv00	P45	36
LG204045-OPv00	P45	36
LG204053/dm/r9-OPv00	P45	36
LG204063-OPv00	P45	36
LG206046-OPv00	A60	35
LG206078-OPv00	A60	35
LG206082-OPv00	A60	35
LG206084/dm/r9-OPv00	A60	35
LG206095/dm/r9-OPv00	A60	35
LG210150-OPv00	A65	34
LG216090/dm/ec/z1-OPv00	Smart Lighting	22
LG219090/tw/z1-OPv00	Smart Lighting	22
LG221078-OPv00	P45	36
LG222012-GDv00	P45	36
LG223110-OPv00	A70	35
LG224011-CSv00	A70	35
LG225045-CSv00	ST64	40
LG226070-CSv00	ST64	40
LG227019-GDv00	ST64	40
LG228050/tw/z1-SCv00	Smart Lighting	22
LG230019-GDv00	A60	35
LG231070/sw-CSv00	A60	35
LG231095/dm/r9-CSv00	A60	35
LG232040/sw-CSv00	P45	36
LG232053/dm/r9-CSv00	P45	36
LG232063-CSv00	P45	36
LG234006-OPv00	T-LAMP	42
LG234010-OPv00+DC012	T-LAMP	42
LG234011-OPv00	T-LAMP	42
LG234016-OPv00	T-LAMP	42
LG235012-CSv00	T-LAMP	42
LG236025-CSv00	T-LAMP	42
LG236040-CSv00	T-LAMP	42
LG237078-OPv00	Globe	39
LG237082-OPv00	Globe	39
LG237086/dm-OPv00	Globe	39
LG237110-OPv00	Globe	39
LG237120/dm-OPv00	Globe	39
LG238082-OPv00	Globe	39
LG238086/dm-OPv00	Globe	39
LG238110-OPv00	Globe	39
LG238120/dm-OPv00	Globe	39
LG240115-OPv00	A60	57
LG240135-OPv00	A60	57
LG2402d	T-LAMP	42
LG241020-GDv00	Decorative Lamp	47
LG242020-GDv00	Decorative Lamp	47
LG243050-GDv00	Decorative Lamp	47
LG245050/ds-GDv00	Decorative Lamp	47
LG246050/ds-GDv00	Decorative Lamp	47
LG250200-OPv00	T80	57
LG251260-OPv00	T100	57
LG252400-OPv00	T120	57
LG2602v2	P45	36
LG2603.5v2	P45	36
LG2603.8dR9v2	P45	36
LG2603v1	P45	57
LG2604w	P45	36
LG2605.5	P45	36
LG2605.5dR9	P45	36
LG2605.5sv2	P45	36
LG2605.5sw	P45	36
LG2605.5v1	P45	57
LG5205.5w	P45	36
LG5502.2	T-LAMP	42
LG6104.8CS	A60	35
LG6105rCS	SENSOR LIGHT	53

Model No./ Product Code	Series Name	Page No.
LG6801.9GD	Globe	39
LG6901.9GD	Globe	39
LG7105.5	A60	34
LG7105.5r	SENSOR LIGHT	53
LG7105+DC012	A60	34
LG7106dR9	A60	34
LG7106v1	A60	57
LG7108r	SENSOR LIGHT	53
LG7109.5	A60	34
LG7109.5dR9	A60	34
LG7109sv2	A60	34
LG7109sw	A60	34
LG7109v1	A60	57
LG7110	A60	34
LG7110.5sv2	A60	34
LG7110.5sw	A60	34
LG7112r	SENSOR LIGHT	53
LG7206.7	A60	34
LG7206w	A60	34
LG7309.5w	A60	34
LG7809dZB	Smart Lighting	22
LG8207	LILIPUT	43
LG9603CS	P45	36
LG9604CS	P45	36
LG9806.5rCS	SENSOR LIGHT	53
LG9808.4dR9CS	A60	35
LG9808.5CS	A60	35
LG9808CS	A60	35
LH0127	CLUSTERLITE®	51
LH0132	CLUSTERLITE®	51
LH0133	CLUSTERLITE®	51
LH0246	CLUSTERLITE®	51
LH200032-OPv00	CLUSTERLITE®	51
LH201080-OPv00	CLUSTERLITE®	51
LP201050/ds-GDv00	Decorative Lamp	47
LR032120/pt-DGv00-FL	PLANT LAMP	52
LR036200/dm-HRv00-FL	PAR38	31
LR057042-HRv00-WF	PAR16	29
LR057050/dm-HRv00-WF	PAR16	29
LR057055/dm-HRv00-WF	PAR16	29
LR057072-HRv00-ND	PAR16	29
LR206065/dm-HRv00-NS	PAR16	29
LR209065-OPv00-ND	GX53	41
LR210050/dm/z1-HRv00	Smart Lighting	23
LR211050/db-HRv00-2B+024D035D	PAR16	28
LR211052/dm/db-HRv00-2B+024D035D	PAR16	28
LR211052/dm/db-HRv00-2B+040D060D	PAR16	28
LR212100/dw/db/ru-HRv00-2B+024D045D	AR111	27
LR212110/dm/db/ru-HRv00-2B+024D045D	AR111	27
LR212110/dm/db-HRv00-2B+024D045D	AR111	27
LR211053/dm/db-HRv00-2B+024D035D	PAR16	28
LR215060/dw/db/ru-HRv00-2B+024D035D	PAR16	28
LR216029-HRv00-WF	R50	32
LR217065-OPv00-SF	R63	32
LR218093-OPv00-ND	R80	32
LR219032-OPv00-WF	R50	32
LR219039/dm-OPv00-WF	R50	32
LR220052/dm-OPv00-WF	R63	32
LR220059-OPv00-WF	R63	32
LR2203.5	GX53	41
LR2205	GX53	41
LR2205d	GX53	41
LR2206	GX53	41
LR2206d	GX53	41
LR221050/dm-OPv00-WF	R80	32
LR221084-OPv00-WF	R80	32
LR2906-WFL	PAR20	31
LR3010.5-WFL	PAR30S	31
LR3213d-WFL	PAR38	31
LR3215.5-WFL	PAR38	31
LR4605DGv2-WFL	PAR16	29

Model No./ Product Code	Series Name	Page No.
LR4810p-75H24D	AR111	27
LR6304.5LN-WFL	PAR16	29
LR6304LN-WFL	PAR16	29
LR6305.5dLN-WFL	PAR16	29
LR6305LN-WFL	PAR16	29
LR6305swLN-WFL	PAR16	29
LR6306.2dLN-WFL	PAR16	29
LR6511dHR-75H08D	AR111	27
LR6511dR9HR-75H08D	AR111	27
LS200040-CSv00	CROWN SILVER	46
LS200048/dm-CSv00	CROWN SILVER	46
LS201046-CSv00	CROWN SILVER	46
LS201054/dm-CSv00	CROWN SILVER	46
LS202082-CSv00	CROWN SILVER	46
LS202086/dm-CSv00	CROWN SILVER	46
LT200065/mb-06v00	T8 TUBE	50
LT200080/mb-06v00	T8 TUBE	58
LT200090/mb-06v00	T8 TUBE	50
LT200160/mb-12v00	T8 TUBE	50
LT200160/mb-12v01	T8 TUBE	50
LT200160/mb-12v02	T8 TUBE	58
LT200200/mb-15v00	T8 TUBE	58
LT200230/mb-15v00	T8 TUBE	50
LT200240/mb-15v00	T8 TUBE	50
LT200240/mb-15v01	T8 TUBE	50
LT201075/ac-06v00	T5 TUBE	48
LT201075/eb-06v00	T5 TUBE	49
LT201160/ac-12v00	T5 TUBE	48
LT201160/eb-12v00	T5 TUBE	49
LT201190/eb-15v00	T5 TUBE	49
LT201260/ac-12v00	T5 TUBE	48
LT201260/ac-15v00	T5 TUBE	48
LT201260/eb-12v00	T5 TUBE	49
LT201260/eb-15v00	T5 TUBE	49
LT201340/ac-15v00	T5 TUBE	48
LT201370/eb-15v00	T5 TUBE	49
LU0303d	G9	45
LU0402.5v1	G9	45
LU0702	G9	45
LU200035/dm-OPv00	G9	45
LU200035-OPv00	G9	45
LU201020-CSv00	G9	45
LU202045/dm-CSv00	G9	45
LU202045-CSv00	G9	45
MS601/z1	Smart Lighting	25
NL010.2	NIGHT LIGHT	55
NL050.2	NIGHT LIGHT	55
PA601/Z1-EU, PA601/z1-UK	Smart Lighting	25
PS601/z1	Smart Lighting	25
TH0308dZB-24D	Smart Lighting	23
TH0308dZB-36D	Smart Lighting	23
WC601/z1	Smart Lighting	25
ZBH01-WH	Smart Lighting	25
ZBM01d	Smart Lighting	24
ZBM02d	Smart Lighting	24
ZBM02sr	Smart Lighting	24
ZBW01-WH	Smart Lighting	25



12/F, Lu Plaza,  
2-4 Wing Yip Street, Kwun Tong, Kowloon, Hong Kong  
Tel: (852) 2305 1722  
Fax: (852) 2758 5957  
Email: [info@megaman.cc](mailto:info@megaman.cc)

[www.megaman.cc](http://www.megaman.cc)

© Copyright 2019. All rights reserved by MEGAMAN®.  
All information stated is correct at the time of printing and subject to changes without prior notice.