



Life IN Light

MEGAMAN®

Consumer LED



2011/12

CONTENTS



About MEGAMAN®

Who We Are	4
MEGAMAN® Milestones	5
Rigorous Quality and Management Systems	6
Innovative and Unique Products	7

MEGAMAN® TECHNOLOGY

Thermal Conductive Highway™	8
Dimming Solution	9

MEGAMAN® LED Products

Reflector

• MR16	10
• PAR16	12
• GX53	14

Non-Directional Lamp

• Candle	16
• Classic	20
• Globe	24

Special

• Night Light.....	26
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Technical Information

Nomenclature	28
Energy Saving Tips	29
Marketing Tools	30
LED Lamp vs. Halogen / Incandescent	32
Product Master List	33



Who We Are

Established in 1994, MEGAMAN® is now the global leading manufacturer of energy saving lamps. We are a phenomenally successful global brand – known internationally for our innovative, eco-friendly lighting products using Light Emitting Diode (LED) and Compact Fluorescent Lamp (CFL) technology.

MEGAMAN® offers over 400 high-quality products that are perfect eco-replacements for traditional incandescent, halogen and metal halide lights. Our lamps are specified in low energy building projects around the world, and our extensive research and development activities ensure that a continuous supply of new, exciting, energy saving lighting products come to market every year.



















Committed to sustainable development and environmental management, we incorporate eco-elements into every stage of the product life cycle, including research and development, design, manufacturing, office system, packaging, disposal and recycling through a 'Design for Environment' programme. The use of amalgam in all MEGAMAN® CFL products since January 2008 has reduced the environmental impact of all our processes, from lamp production to disposal stages.

The unique MEGAMAN® range of energy saving lamps is achieving impressive and rapidly growing sales in over 90 countries across Europe, the Asia-Pacific Region, the Middle East, Africa and the Americas.

MEGAMAN®

MEGAMAN® Milestones



2011	R9 Technology 	LED Classic with dimmable feature 
2010	LED Non-Directional Lamp Series 	LED Reflector Series perfect alternative to metal halide 
2009	Patented PowerLens technology 	LED Reflector Series with TCH technology 
2008	Industry first Plug-in lamp with integral ballast - PLi 	Amalgam has been employed in full series of CFL since January 2008 
2007	DIMMERABLE technology (linear-dimming lamps) 	 Linear Dimming 100% 100% Dims on Dimmer Switches
2005	DorS DIMMING technology (step-dimming lamps) 	 4-Step Dimming 100% 66% 33% 5% Dims on Regular Switches
	Industry first RoHS compliant CFL 	
2004	INGENIUM® technology introduced 	
2002	Industry first CFL Reflector GU10 	Patented Silicone Protection technology 
1999	Patented "Cooling-tube" technology of CFL	
1997	Industry first Candle-shaped CFL 	
1996	Industry first Classic-shaped CFL 	
1994	MEGAMAN® Incorporated	



Rigorous Quality and Management Systems

To ensure that MEGAMAN® products comply with the highest quality standards, the MEGAMAN® manufacturing plants are equipped with state of the art assembly lines. Our in-house laboratory is ISO 17025 certified by CNAS and NVLAP, and it is eligible to perform on-site testing for UL, SEMKO and TUV marks.

Our international recognitions, namely ISO 9001:2000, ISO 14001:2004, ISO 14064-1:2006, OHSAS 18001:1999, SA 8000:2001 and QC 080000:2005, ensure that we run our business under the most stringent management and quality systems, while taking account of the many “green” elements in our operations. These international accreditations also demonstrate our care for the welfare of our employees, and our pledge to be socially responsible to the communities in which we operate.



CNAS



NVLAP



ISO 9001



ISO 14001



ISO14064-1



OHSAS 18001



SA 8000



QC 080000

Product Quality Assurance

MEGAMAN® lamps are a symbol of eminence, achieved through the use of premium quality materials, innovative technologies and stringent control measures on product safety and performance, including energy saving standards.



Innovative and Unique Products

With our patented LED design and Thermal Conductive Highway™ (TCH) technology, the MEGAMAN® LED lamp is able to deliver superb performance, including low power consumption, excellent light output and low maintenance costs. It provides measurably better quality lighting performance than any other competitive LED based product consuming the same power!



Opening a new era in LED lighting solutions

Unique Features

- Ideal alternative to traditional incandescent and halogen lamps
- Long rated life up to 30,000 hours
- High luminous maintenance: rated lumen maintenance life of 70 (L70) at up to 50,000 hours
- Up to 85% energy savings
- High colour rendering up to Ra92
- Emits one third of the heat of traditional light sources
- No UV and IR radiation
- Colour temperature options of Warm White and Cool White
- Options of different beam angles for LED Reflector Series

Additional Benefits

- Mercury-free
- Instant start-up
- Wide range of operating temperatures (-30°C to +40°C)

MEGAMAN® Philosophy on Reflector Design and Thermal Conductive Highway™

Different from the common lens-style LED lamps in the market, MEGAMAN® has made use of a reflector design and employed Thermal Conductive Highway™ (TCH) technology that offers the most efficient LED lighting solution with the benefits of efficient heat dissipation, better beam control and excellent optical efficiency as well as low glare lighting.

TCH Technology



Optimum Thermal Control

MEGAMAN® patented TCH technology uses a unique design of *heat drain* across the reflector that allows the LEDs to dissipate heat efficiently via the heat sink and prevents deterioration of the LED multi-chip array and other components. The technology also gives the lamps a longer life with high lumen maintenance, resulting in rated lumen maintenance life of 70 (L70) at up to 50,000 hours.

Deliver Comfortable Lighting

The unique approach that MEGAMAN® takes with axial LED geometry facilitates the use of reflectors with all the associated advantages of precise beam control and allows lumens to be where they are wanted with less glare.

Excellent Optical Efficiency

The technology of using reflectors for light sources is mature and widely used because of the technology's extremely high optical efficiency of up to 98%. Due to this high optical efficiency, energy loss is minimised, creating a very effective energy saving solution.

True Replacement of Traditional Lamps

A reflector can spread a predefined portion of illumination from a light source to deliver the designed light distribution. The use of reflectors also dramatically reduces the amount of light spillage from outside the designated beam angle. LED spotlights with reflectors are more aesthetically pleasing and conform to the expected appearance of a spotlight.



MEGAMAN® LED reflectors



Common lens-style LED lamps in the market



Dimming Solution



Linear Dimming

100%

10%

Dims on Dimmer Switches



Linear Dimming (100% to 10%) – using standard dimmer switches

This provides a smooth dimming experience similar to that obtained with traditional incandescent and halogen lamps connected to a leading edge dimmer.

To dim, turn the knob to achieve the required brightness level from 100% to 10%.

Please visit www.megaman.cc/LEDdimmers for the list of compatible dimmers.



MR16

An eco-conscious alternative to halogen MR16 with the same compact profile

The LED MR16 reflector has the same compact profile as halogen MR16 and delivers excellent lighting performance, which is familiar to customers. The series is designed to work with common AC/DC 12V halogen transformer*, and the lamp is the most conventional and perfect substitute for the halogen MR16.

- Directly replaces traditional halogen equivalents in size and shape
- Excellent colour rendering of up to Ra92
- Long rated life of up to 30,000 hours
- High luminous maintenance: rated lumen maintenance life of 70 (L70) at 50,000 hours
- High colour temperature consistency: tolerance is only +/-150K
- Energy saving up to 85%
- Generates much less heat than a halogen MR16
- Operating temperature: -30°C to +40°C
- Alternative to halogen transformer is LED constant voltage converter, applicable model from MEGAMAN® is LD0106-K12

* Please visit www.megaman.cc/RHT for the list of recommended halogen transformers.

Marketing Tools

Demo Kit – ES709

To display and demonstrate MEGAMAN® LED MR16 reflector in an innovative way



Smart Box



Gift Box

Product Package

Inner Box: 10pcs
Outer Carton: 60pcs

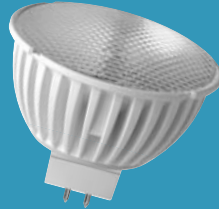
Reflector - Driven by Halogen Transformer

MR16

A
ER0603-FL



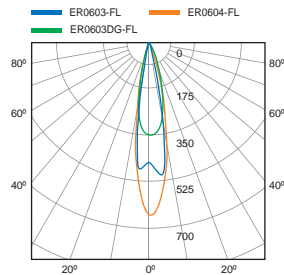
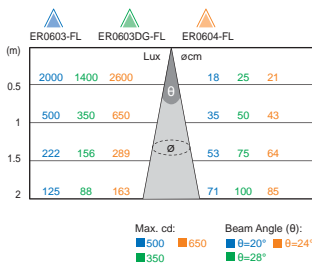
B
ER0603DG-FL



C
ER0604-FL



Product Code	Voltage (V)	Input Current (mA)	Wattage (W)	Rated Life (hrs)	Maximum Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	CRI	Diameter (mm)	Length (mm)	Weight (g)	Product Photo
ER0603-FL-GU5.3-2800K-12V	12	375	3	30,000	500	FL (20°)	90	85	50	45	37	A
ER0603-FL-GU5.3-4000K-12V	12	375	3	30,000	500	FL (20°)	90	92	50	45	37	A
ER0603DG-FL-GU5.3-2800K-12V	12	375	3	30,000	350	FL (28°)	105	80	50	47	38	B
ER0603DG-FL-GU5.3-4000K-12V	12	375	3	30,000	350	FL (28°)	105	80	50	47	38	B
ER0604-FL-GU5.3-2800K-12V	12	500	4	30,000	650	FL (24°)	180	80	50	45	46	C
ER0604-FL-GU5.3-4000K-12V	12	500	4	30,000	650	FL (24°)	180	80	50	45	46	C



LED Constant Voltage Converter



LD0106-K12†

Mains Input Voltage (V):	220-240
Input Voltage Range (V):	180-260
Output Voltage (V):	DC12V
Maximum Lamp Wattage (W):	6
Output Current (mA):	500
Rated Life (hrs):	50,000
Power Factor (λ):	0.4
Maximum System Wattage (W):	8
Length (mm):	100
Width (mm):	45
Height (mm):	25
Weight (g):	64
LED Lamps Supported:	ER0603-FL, ER0603DG-FL and ER0604-FL

† Preliminary Data



PAR16

Available in different beam angle options, the LED PAR16 is ideal for various applications

Employing unique design and Thermal Conductive Highway™ (TCH) technology, MEGAMAN® LED PAR16 reflector delivers phenomenal light effect with long rated life at less power. With different beam angle options available, these lamps are perfect for accent and ambient lighting applications.

- Ideal substitute for halogens with significant energy savings
- Available in spot, flood, wide flood and very wide flood beam angle options
- Excellent colour rendering of up to Ra85
- Long rated life of up to 25,000 hours
- High luminous maintenance: rated lumen maintenance life of 70 (L70) at 50,000 hours for 3W and 4W, L70 at 35,000 hours for 5W and 7W
- Energy saving up to 85%
- High colour temperature consistency: tolerance is only +/-150K
- Generates much less heat than a halogen lamp
- Operating temperature: -30°C to +40°C

Marketing Tools

Sales Display – LA3501
To display MEGAMAN® LED PAR16 reflector with a light and durable sales display



Smart Box



Gift Box

Product Package

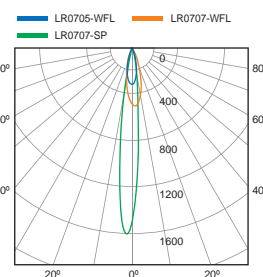
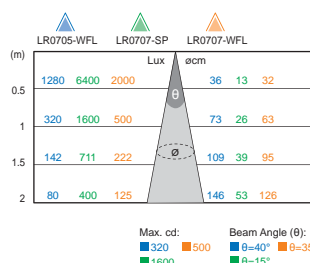
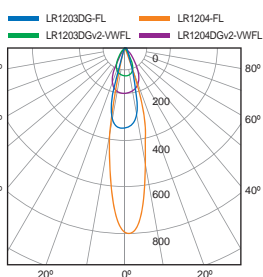
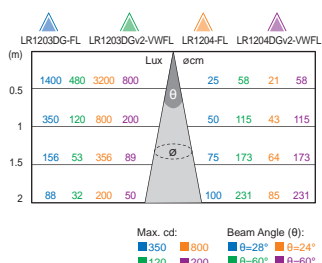
Inner Box: 10pcs
Outer Carton: 60pcs

Reflector - Line Voltage PAR16



Product Code	Voltage (V)	Wattage (W)	Rated Life (hrs)	Maximum Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	CRI	Diameter (mm)	Length (mm)	Weight (g)	Product Photo
LR1203DG-FL-GU10-2800K-230V	220-240	3	20,000	350	FL (28°)	105	80	50	57	45	A
LR1203DG-FL-GU10-4000K-230V	220-240	3	20,000	350	FL (28°)	105	80	50	57	45	A
NEW LR1203DGv2-VWFL-GU10-2800K-230V†	220-240	3	25,000	120	VWFL (60°)	150	80	50	57	49	B1
NEW LR1203DGv2-VWFL-GU10-4000K-230V†	220-240	3	25,000	120	VWFL (60°)	150	80	50	57	49	B1
NEW LR1203DGv2-VWFL-E14-2800K-230V†	220-240	3	25,000	120	VWFL (60°)	150	80	50	78	47	B2
NEW LR1203DGv2-VWFL-E14-4000K-230V†	220-240	3	25,000	120	VWFL (60°)	150	80	50	78	47	B2
LR1204-FL-GU10-2800K-230V	220-240	4	20,000	800	FL (24°)	200	82	50	56	40	C
LR1204-FL-GU10-4000K-230V	220-240	4	20,000	800	FL (24°)	200	85	50	56	40	C
NEW LR1204DGv2-VWFL-GU10-2800K-230V†	220-240	4	25,000	200	VWFL (60°)	280	80	50	57	49	B1
NEW LR1204DGv2-VWFL-GU10-4000K-230V†	220-240	4	25,000	200	VWFL (60°)	280	80	50	57	49	B1
NEW LR1204DGv2-VWFL-E14-2800K-230V†	220-240	4	25,000	200	VWFL (60°)	280	80	50	78	47	B2
NEW LR1204DGv2-VWFL-E14-4000K-230V†	220-240	4	25,000	200	VWFL (60°)	280	80	50	78	47	B2
LR0705-WFL-GU10-2800K-230V	220-240	5	20,000	320	WFL (40°)	160	80	50	74	82	D1
LR0705-WFL-GU10-4000K-230V	220-240	5	20,000	320	WFL (40°)	160	80	50	74	82	D1
LR0705-WFL-E14-2800K-230V	220-240	5	20,000	320	WFL (40°)	160	80	50	87	81	D2
LR0705-WFL-E14-4000K-230V	220-240	5	20,000	320	WFL (40°)	160	80	50	87	81	D2
LR0707-SP-GU10-2800K-230V	220-240	7	20,000	1600	SP (15°)	210	80	50	74	83	E1
LR0707-SP-GU10-4000K-230V	220-240	7	20,000	1600	SP (15°)	210	80	50	74	83	E1
LR0707-SP-E14-2800K-230V	220-240	7	20,000	1600	SP (15°)	210	80	50	87	82	E2
LR0707-SP-E14-4000K-230V	220-240	7	20,000	1600	SP (15°)	210	80	50	87	82	E2
LR0707-WFL-GU10-2800K-230V	220-240	7	20,000	500	WFL (35°)	210	80	50	74	84	D1
LR0707-WFL-GU10-4000K-230V	220-240	7	20,000	500	WFL (35°)	210	80	50	74	84	D1
LR0707-WFL-E14-2800K-230V	220-240	7	20,000	500	WFL (35°)	210	80	50	87	82	D2
LR0707-WFL-E14-4000K-230V	220-240	7	20,000	500	WFL (35°)	210	80	50	87	82	D2

† Preliminary Data





GX53

Incredible slim profile for LED cabinet lighting

The MEGAMAN® LED GX53 reflector has an ultra slim profile, which is an innovative solution for slim surface mounted luminaires and recessed fittings that have long been haunted by blazing-heat halogens, causing overheating, discoloration and deformation to furniture and display items.

- Integral LED cabinet lighting with GX53 lamp base
- Ultra slim profile: lamp length is only 25mm
- High luminous efficacy: 40lm/W
- Long rated life of 25,000 hours
- High colour temperature consistency: tolerance is well controlled with only +/-150K
- High luminous maintenance: rated lumen maintenance life of 70 (L70) at 50,000 hours
- High colour rendering of up to Ra80
- Operating temperature: -30°C to +40°C



Blister



Gift Box

Marketing Tools

Wobbler

Stick the wobbler on the sales rack to attract customers to the latest MEGAMAN® LED GX53 reflector available



Product Package

Inner Box: 10pcs
Outer Carton: 60pcs

A

LR1303DG-VWFL



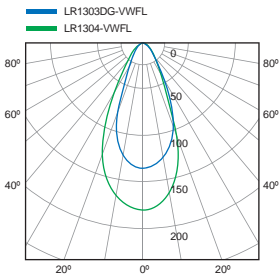
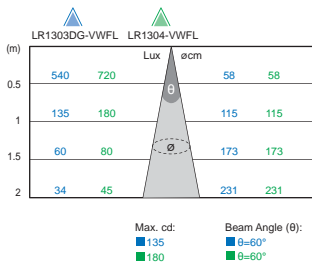
B

LR1304-VWFL



Product Code	Voltage (V)	Wattage (W)	Rated Life (hrs)	Maximum Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	CRI	Diameter (mm)	Length (mm)	Weight (g)	Product Photo
LR1303DG-VWFL-GX53-2800K-230V†	220-240	3	25,000	135	VWFL (60°)	120	80	75	25	81	A
LR1303DG-VWFL-GX53-4000K-230V†	220-240	3	25,000	135	VWFL (60°)	120	80	75	25	81	A
LR1304-VWFL-GX53-2800K-230V	220-240	4	25,000	180	VWFL (60°)	160	80	75	25	81	B
LR1304-VWFL-GX53-4000K-230V	220-240	4	25,000	180	VWFL (60°)	160	80	75	25	81	B

† Preliminary Data



LED MR16

LED PAR16

LED GX53

LED CANDLE

LED CLASSIC

LED GLOBE

LED NIGHT LIGHT



LED CANDLE

With a sleek and elegant outlook, the perfect replacement for incandescent candles

Designed to replace incandescent candles, the MEGAMAN® LED Candle has a glamorous and majestic outlook with incredible lighting performance that greatly reduces electricity and maintenance costs. The MEGAMAN® LED Candle series is available in different glass-finishing options that cater to a wide array of applications such as chandeliers, candle stands, decorative lighting and general lighting.

- Perfect alternative to the incandescent candle
- Resembles point-source and incandescent-like sparkling light effect
- Best fit in chandeliers and crystal light fittings to create glittering effects with a beautiful spectrum
- Even light distribution of 330° illumination to create a comfortable environment
- Capable for linear dimming from 100% to 10%*
- Long rated life of up to 25,000 hours, which is 25 times longer than incandescent bulbs
- High colour rendering of up to Ra80
- High luminous maintenance: rated lumen maintenance life of 70 (L70) at 50,000 hours
- Various glass-finishing options are available to cater for different applications
- Generates less heat than incandescent candles
- Operating temperature: -30°C to +40°C

* Please refer to page 9 for details.

Marketing Tools

Demo Kit – LA7003 and LA7002

To display and demonstrate the brilliant sparkling light effects and superb lighting performance of the MEGAMAN® LED Candle

Product Package

Inner Box: 10pcs
Outer Carton: 60pcs



Smart Box



Gift Box



Non-Directional Lamp - Line Voltage

LED CANDLE

A





LC0403v2



B

LC0403CSv2



Product Code	Voltage	Wattage	Rated Life	Luminous Flux	CRI	Diameter	Length	Weight	Dimming Format	Energy Label	Housing Colour	Product Photo
	(V)	(W)	(hrs)	(lm)		(mm)	(mm)	(g)				
 LC0403v2-E14-2800K-230V [†]	220-240	3	25,000	140	80	35	104	43	N/A	N/A	White	A
 LC0403v2-E14-4000K-230V [†]	220-240	3	25,000	140	80	35	104	43	N/A	N/A	White	A
 LC0403CSv2-E14-2800K-230V [†]	220-240	3	25,000	140	80	35	104	43	N/A	N/A	White	B
 LC0403CSv2-E14-4000K-230V [†]	220-240	3	25,000	140	80	35	104	43	N/A	N/A	White	B

[†] Preliminary Data

LED MR16

LED PAR16

LED GX53

LED CANDLE

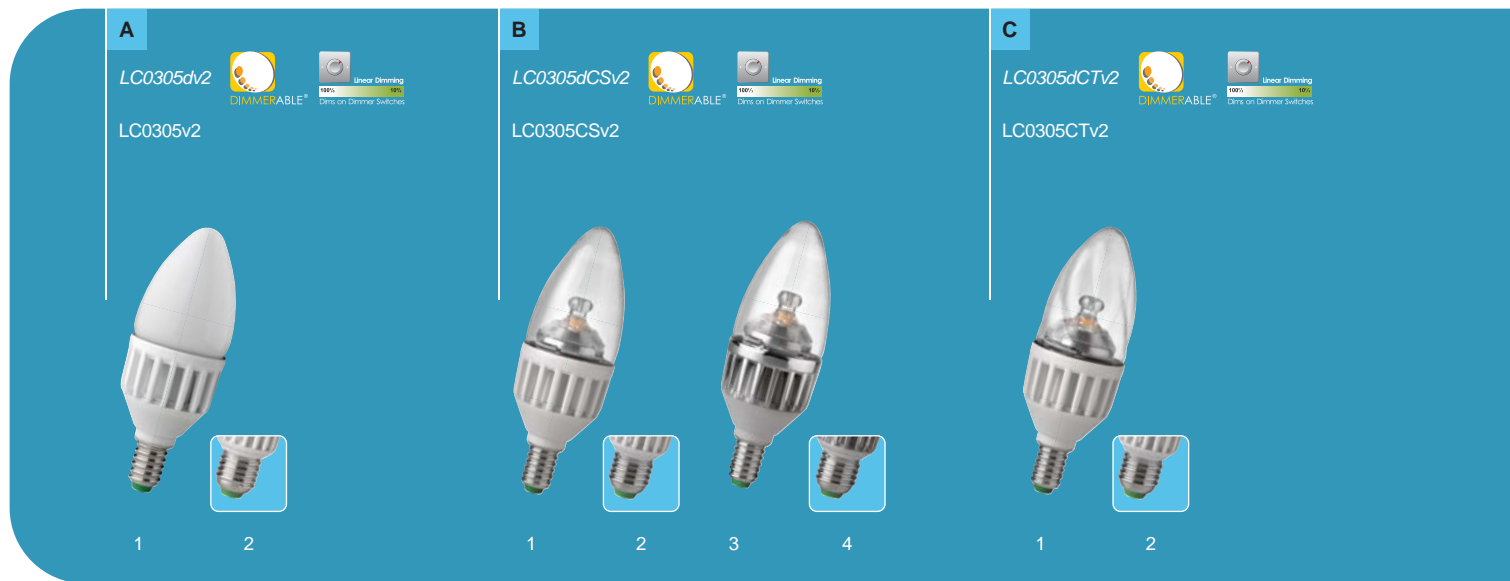
LED CLASSIC

LED GLOBE

LED NIGHT LIGHT

Non-Directional Lamp - Line Voltage

LED CANDLE



Product Code	Voltage (V)	Wattage (W)	Rated Life (hrs)	Luminous Flux (lm)	CRI	Diameter (mm)	Length (mm)	Weight (g)	Dimming Format	Energy Label	Housing Colour	Product Photo
NEW LC0305dv2-E14-2800K-230V [†]	220-240	5	25,000	240	80	41	113	52	100-10%*	Grade A	White	A1
NEW LC0305dv2-E14-4000K-230V [†]	220-240	5	25,000	240	80	41	113	52	100-10%*	Grade A	White	A1
NEW LC0305dv2-E27-2800K-230V [†]	220-240	5	25,000	240	80	41	108	55	100-10%*	Grade A	White	A2
NEW LC0305dv2-E27-4000K-230V [†]	220-240	5	25,000	240	80	41	108	55	100-10%*	Grade A	White	A2
NEW LC0305v2-E14-2800K-230V [†]	220-240	5	25,000	240	80	41	113	54	N/A	Grade A	White	A1
NEW LC0305v2-E14-4000K-230V [†]	220-240	5	25,000	240	80	41	113	54	N/A	Grade A	White	A1
NEW LC0305v2-E27-2800K-230V [†]	220-240	5	25,000	240	80	41	108	57	N/A	Grade A	White	A2
NEW LC0305v2-E27-4000K-230V [†]	220-240	5	25,000	240	80	41	108	57	N/A	Grade A	White	A2
NEW LC0305dCSv2-E14-2800K-230V ^{†#}	220-240	5	25,000	240	80	41	113	52	100-10%*	Grade A	White or Shiny Silver [#]	B1, B3
NEW LC0305dCSv2-E14-4000K-230V ^{†#}	220-240	5	25,000	240	80	41	113	52	100-10%*	Grade A	White or Shiny Silver [#]	B1, B3
NEW LC0305dCSv2-E27-2800K-230V ^{†#}	220-240	5	25,000	240	80	41	108	55	100-10%*	Grade A	White or Shiny Silver [#]	B2, B4
NEW LC0305dCSv2-E27-4000K-230V ^{†#}	220-240	5	25,000	240	80	41	108	55	100-10%*	Grade A	White or Shiny Silver [#]	B2, B4
NEW LC0305CSv2-E14-2800K-230V ^{†#}	220-240	5	25,000	240	80	41	113	54	N/A	Grade A	White or Shiny Silver [#]	B1, B3
NEW LC0305CSv2-E14-4000K-230V ^{†#}	220-240	5	25,000	240	80	41	113	54	N/A	Grade A	White or Shiny Silver [#]	B1, B3
NEW LC0305CSv2-E27-2800K-230V ^{†#}	220-240	5	25,000	240	80	41	108	57	N/A	Grade A	White or Shiny Silver [#]	B2, B4
NEW LC0305CSv2-E27-4000K-230V ^{†#}	220-240	5	25,000	240	80	41	108	57	N/A	Grade A	White or Shiny Silver [#]	B2, B4
NEW LC0305dCTv2-E14-2800K-230V [†]	220-240	5	25,000	240	80	41	116	52	100-10%*	Grade A	White	C1
NEW LC0305dCTv2-E14-4000K-230V [†]	220-240	5	25,000	240	80	41	116	52	100-10%*	Grade A	White	C1
NEW LC0305dCTv2-E27-2800K-230V [†]	220-240	5	25,000	240	80	41	111	55	100-10%*	Grade A	White	C2
NEW LC0305dCTv2-E27-4000K-230V [†]	220-240	5	25,000	240	80	41	111	55	100-10%*	Grade A	White	C2
NEW LC0305CTv2-E14-2800K-230V [†]	220-240	5	25,000	240	80	41	116	54	N/A	Grade A	White	C1
NEW LC0305CTv2-E14-4000K-230V [†]	220-240	5	25,000	240	80	41	116	54	N/A	Grade A	White	C1
NEW LC0305CTv2-E27-2800K-230V [†]	220-240	5	25,000	240	80	41	111	57	N/A	Grade A	White	C2
NEW LC0305CTv2-E27-4000K-230V [†]	220-240	5	25,000	240	80	41	111	57	N/A	Grade A	White	C2

[†] Preliminary Data

* Please refer to page 9 for details.

[#] The product code for the LED Candle with shiny silver housing bears the suffix "SV".

For example, the product code for the LED Candle LC0305dCSv2-E14-2800K-230V with shiny silver housing is LC0305dCSv2-SV-E14-2800K-230V.

Non-Directional Lamp - Line Voltage

LED CANDLE

Appearance of different glass finishing and housing options



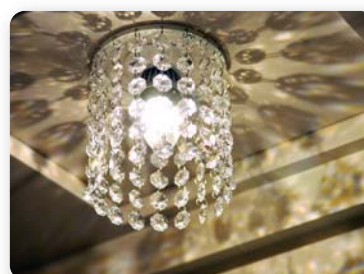
Description of model number suffix

CS = Smooth glass
CT = Twisted glass

MEGAMAN® LED Candle has an even light distribution of 330°



MEGAMAN® LED Candle resembles point-source emission of the incandescent



Please look at the wall and table surfaces. You can clearly see that the MEGAMAN® LED CANDLE delivers an even light distribution of 330° illumination that effectively lights the upper area, table surface and the surroundings. However, the other LED bulb offers only 120° illumination, which lights up the upper area but leaves the table surface and its surroundings in darkness.

LED MR16

LED PAR16

LED GX53

LED CANDLE

LED CLASSIC

LED GLOBE

LED NIGHT LIGHT



LED CLASSIC

Delivers incredible lighting performance with glamorous classic shapes

Thanks to the intelligent heat sink design, the MEGAMAN® LED CLASSIC minimises heat sink material for a glamorous and sleek classic shape with a compact housing. It delivers desirable lighting performance with different feature options available, making it ideal for general lighting and decorative lighting applications.

- Compatible with existing luminaires using incandescent bulbs
- Resembles point-source and incandescent-like sparkling light effect
- Best fit in luminaires decorated with crystals to create glittering effects with an attractive spectrum
- Even light distribution of 330° illumination to create a comfortable environment
- Capable for linear dimming from 100% to 10%*
- Long rated life of up to 25,000 hours, which is 25 times longer than incandescent bulbs
- High colour rendering of up to Ra80
- High luminous maintenance: rated lumen maintenance life of 70 (L70) at 50,000 hours
- Various glass-finishing options are available to cater for different applications
- Generates less heat than incandescent bulbs
- Operating temperature: -30°C to +40°C

* Please refer to page 9 for details.



Smart Box



Gift Box

Product Package

Inner Box: 10pcs
Outer Carton: 60pcs

Marketing Tools

Sales Display – SR0402
To display MEGAMAN® LED Classic with a durable and attractive sales display



Non-Directional Lamp - Line Voltage

LED CLASSIC

A





LG0303v2



B

LG0303CSv2



Product Code	Voltage	Wattage	Rated Life	Luminous Flux	CRI	Diameter	Length	Weight	Dimming Format	Energy Label	Housing Colour	Product Photo
	(V)	(W)	(hrs)	(lm)		(mm)	(mm)	(g)				
 LG0303v2-E14-2800K-230V [†]	220-240	3	25,000	140	80	45	92	43	N/A	N/A	White	A
 LG0303v2-E14-4000K-230V [†]	220-240	3	25,000	140	80	45	92	43	N/A	N/A	White	A
 LG0303CSv2-E14-2800K-230V [†]	220-240	3	25,000	140	80	45	92	43	N/A	N/A	White	B
 LG0303CSv2-E14-4000K-230V [†]	220-240	3	25,000	140	80	45	92	43	N/A	N/A	White	B

[†] Preliminary Data

LED MR16

LED PAR16

LED GX53

LED CANDLE

LED CLASSIC

LED GLOBE

LED NIGHT LIGHT

Non-Directional Lamp - Line Voltage

LED CLASSIC



Product Code	Voltage (V)	Wattage (W)	Rated Life (hrs)	Luminous Flux (lm)	CRI	Diameter (mm)	Length (mm)	Weight (g)	Dimming Format	Energy Label	Housing Colour	Product Photo
NEW LG0505dv2-E14-2800K-230V†	220-240	5	25,000	240	80	45	97	52	100-10%*	Grade A	White	A1
NEW LG0505dv2-E14-4000K-230V†	220-240	5	25,000	240	80	45	97	52	100-10%*	Grade A	White	A1
NEW LG0505dv2-E27-2800K-230V†	220-240	5	25,000	240	80	45	92	55	100-10%*	Grade A	White	A2
NEW LG0505dv2-E27-4000K-230V†	220-240	5	25,000	240	80	45	92	55	100-10%*	Grade A	White	A2
NEW LG0505v2-E14-2800K-230V†	220-240	5	25,000	240	80	45	97	56	N/A	Grade A	White	A1
NEW LG0505v2-E14-4000K-230V†	220-240	5	25,000	240	80	45	97	56	N/A	Grade A	White	A1
NEW LG0505v2-E27-2800K-230V†	220-240	5	25,000	240	80	45	92	59	N/A	Grade A	White	A2
NEW LG0505v2-E27-4000K-230V†	220-240	5	25,000	240	80	45	92	59	N/A	Grade A	White	A2
NEW LG0505dCSv2-E14-2800K-230V†	220-240	5	25,000	240	80	45	97	52	100-10%*	Grade A	White	B1
NEW LG0505dCSv2-E14-4000K-230V†	220-240	5	25,000	240	80	45	97	52	100-10%*	Grade A	White	B1
NEW LG0505dCSv2-E27-2800K-230V†	220-240	5	25,000	240	80	45	92	55	100-10%*	Grade A	White	B2
NEW LG0505dCSv2-E27-4000K-230V†	220-240	5	25,000	240	80	45	92	55	100-10%*	Grade A	White	B2
NEW LG0505CSv2-E14-2800K-230V†	220-240	5	25,000	240	80	45	97	56	N/A	Grade A	White	B1
NEW LG0505CSv2-E14-4000K-230V†	220-240	5	25,000	240	80	45	97	56	N/A	Grade A	White	B1
NEW LG0505CSv2-E27-2800K-230V†	220-240	5	25,000	240	80	45	92	59	N/A	Grade A	White	B2
NEW LG0505CSv2-E27-4000K-230V†	220-240	5	25,000	240	80	45	92	59	N/A	Grade A	White	B2
NEW LG0408dv2-E27-2800K-230V†	220-240	8	25,000	420	80	60	118	101	100-10%*	Grade A	White	C
NEW LG0408dv2-E27-4000K-230V†	220-240	8	25,000	420	80	60	118	101	100-10%*	Grade A	White	C
NEW LG0911dv2-E27-2800K-230V†	220-240	11	25,000	620	80	65	123	145	100-10%*	Grade A	White	D
NEW LG0911dv2-E27-4000K-230V†	220-240	11	25,000	620	80	65	123	145	100-10%*	Grade A	White	D

† Preliminary Data

* Please refer to page 9 for details.

Appearance of different glass finishing and housing options



Smooth glass



Opal glass cover
(default)



White
(for LED Classic 3W)



White
(for LED Classic 5W)

Description of model number suffix

CS = Smooth glass

MEGAMAN® LED Classic has an even light distribution of 330°



330°



MEGAMAN® LED CLASSIC



120°



Other LED Lamp

Please look at the wall and table surfaces. You can clearly see that the MEGAMAN® LED CLASSIC delivers an even light distribution of 330° illumination that effectively lights the upper area, table surface and the surroundings. However, the other LED bulb offers only 120° illumination, which lights up the upper area but leaves the table surface and its surroundings in darkness.

LED MR16

LED PAR16

LED GX53

LED CANDLE

LED CLASSIC

LED GLOBE

LED NIGHT LIGHT



LED GLOBE

All rounded illumination with simple and beautiful outlook

Empowered with the patented heat sink design, the MEGAMAN® LED Globe minimises heat sink material for a simple and beautiful globe shape with a compact housing. The MEGAMAN® LED Globe delivers an even light distribution and globe feel just like an incandescent globe, and is best for general lighting applications such as table lamps, wall lamps and floor lamps.

- Ideal alternative to the incandescent bulbs
- Even light distribution: 330° illumination
- Superb luminous efficacy of up to 58 lm/W
- Compatible with existing luminaires using incandescent bulbs
- Capable for linear dimming from 100% to 10%*
- Long rated life of 25,000 hours, 25 times longer than incandescent bulbs
- High colour rendering of up to Ra80
- High luminous maintenance: rated lumen maintenance life of 70 (L70) at 50,000 hours
- Generates less heat than incandescent bulbs
- Operating temperature: -30°C to +40°C

* Please refer to page 9 for details.



Smart Box



Gift Box

Product Package

Inner Box: 6pcs
Outer Carton: 24pcs

Marketing Tools

Sales Rack – SR0904

To display MEGAMAN® LED Globe with a durable and attractive sales display



Non-Directional Lamp - Line Voltage

LED GLOBE

A

LG0708dv2



DIMMERABLE* 100% Dimmable on Dimmer Switches



B

LG0808dv2



DIMMERABLE* 100% Dimmable on Dimmer Switches



C

LG1014dv2



DIMMERABLE* 100% Dimmable on Dimmer Switches



D

LG1114dv2



DIMMERABLE* 100% Dimmable on Dimmer Switches



Product Code	Voltage (V)	Wattage (W)	Rated Life (hrs)	Luminous Flux (lm)	CRI	Diameter (mm)	Length (mm)	Weight (g)	Dimming Format	Energy Label	Product Photo
NEW LG0708dv2-E27-2800K-230V [†]	220-240	8	25,000	420	80	92	129	210	100-10%*	Grade A	A
NEW LG0708dv2-E27-4000K-230V [†]	220-240	8	25,000	420	80	92	129	210	100-10%*	Grade A	A
NEW LG0808dv2-E27-2800K-230V [†]	220-240	8	25,000	420	80	120	165	215	100-10%*	Grade A	B
NEW LG0808dv2-E27-4000K-230V [†]	220-240	8	25,000	420	80	120	165	215	100-10%*	Grade A	B
NEW LG1014dv2-E27-2800K-230V [†]	220-240	14	25,000	810	80	92	129	287	100-10%*	Grade A	C
NEW LG1014dv2-E27-4000K-230V [†]	220-240	14	25,000	810	80	92	129	287	100-10%*	Grade A	C
NEW LG1114dv2-E27-2800K-230V [†]	220-240	14	25,000	810	80	120	165	297	100-10%*	Grade A	D
NEW LG1114dv2-E27-4000K-230V [†]	220-240	14	25,000	810	80	120	165	297	100-10%*	Grade A	D

[†] Preliminary Data

* Please refer to page 9 for details.

LED MR16

LED PAR16

LED GX53

LED CANDLE

LED CLASSIC

LED GLOBE

LED NIGHT LIGHT



NIGHT LIGHT

Illuminate and outline anywhere in your home during dark hours

Designed to give light for a sense of security or a solution against the fear of the dark, the MEGAMAN® Night Light series offers a sleek appearance and low heat design that illuminates and outlines your staircase, corridors and bedroom, and is perfect for children's rooms.

- Eco-friendly solution to deliver light
- Long rated life of 20,000 hours
- Various light colours are available to cater for different applications
- Its low heat design makes it much safer than incandescent bulbs
- Generates less heat than incandescent bulbs
- Operating temperature: -10°C to +40°C



Blister

Product Package

NL010.2

Inner Box: 20pcs
Outer Carton: 120pcs

NL040.2, NL050.2 and NL030.6

Inner Box: 10pcs
Outer Carton: 60pcs

Special NIGHT LIGHT

A

NL010.2


B

NL040.2


C

NL050.2


D

NL030.6



Product Code	Voltage (V)	Wattage (W)	Plug Type	Lamp Base	Rated Life (hrs)	Diameter (mm)	Length (mm)	Weight (g)	Colour Available	Product Photo
NL010.2-EU Plug-2700K-230V*	220-240	0.2	EU	N/A	20,000	58	75	24	2700K, BU, FL, GN, RD, and WH	A
NL040.2-AU Plug-2700K-230V*	220-240	0.2	AU	N/A	20,000	41	57	28	2700K, BU, FL, GN, RD, and WH	B
NL040.2-CN Plug-2700K-230V*	220-240	0.2	CN	N/A	20,000	41	56	28	2700K, BU, FL, GN, RD, and WH	B
NL040.2-EU Plug-2700K-230V*	220-240	0.2	EU	N/A	20,000	41	66	24	2700K, BU, FL, GN, RD, and WH	B
NL040.2-UK Plug-2700K-230V*	220-240	0.2	UK	N/A	20,000	56	64	39	2700K, BU, FL, GN, RD, and WH	B
NL050.2-AU Plug-2700K-230V*	220-240	0.2	AU	N/A	20,000	41	57	27	2700K, BU, FL, GN, RD, and WH	C
NL050.2-CN Plug-2700K-230V*	220-240	0.2	CN	N/A	20,000	41	56	27	2700K, BU, FL, GN, RD, and WH	C
NL050.2-EN Plug-2700K-230V*	220-240	0.2	EU	N/A	20,000	41	66	25	2700K, BU, FL, GN, RD, and WH	C
NL050.2-UK Plug-2700K-230V*	220-240	0.2	UK	N/A	20,000	56	64	40	2700K, BU, FL, GN, RD, and WH	C
NL030.6-GU10-2700K-230V*	220-240	0.6	N/A	GU10	20,000	50	55	30	2700K, BU, FL, GN, RD, and WH	D

* If another light colour is selected, then the product code should be changed accordingly. For example, if a flame light is selected, then the product code for the NL010.2 with EU Plug in 220V-240V will be NL010.2-EU Plug-FL-230V.

Please refer to page 28 for details of the nomenclature.

LED MR16

LED PAR16

LED GX53

LED CANDLE

LED CLASSIC

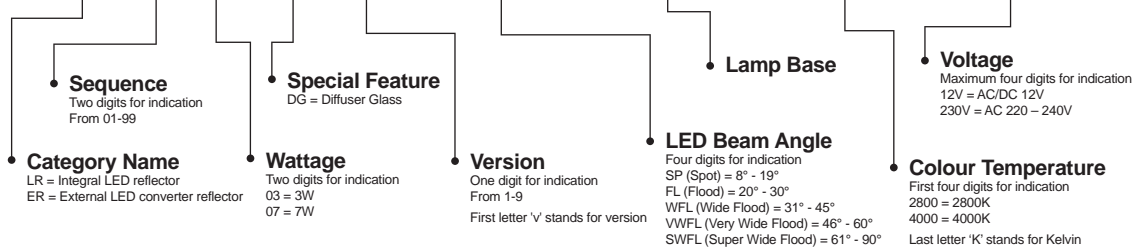
LED GLOBE

LED NIGHT LIGHT

Decoding the MEGAMAN® Product Codes

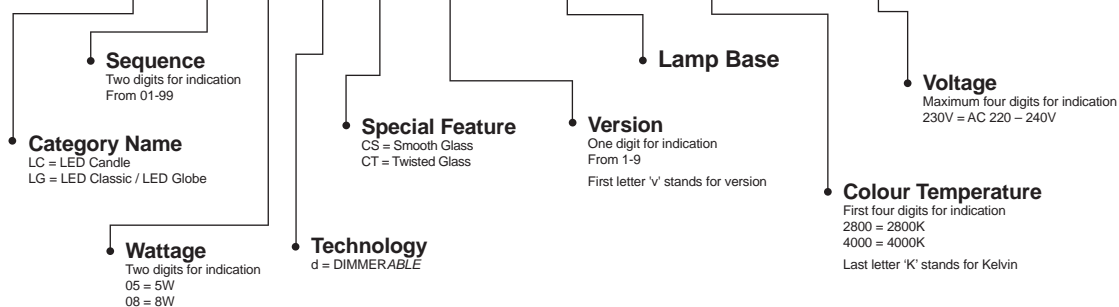
Nomenclature of LED Reflector

LR 12 03 DG v2 - VWFL - GU10 - 2800K - 230V



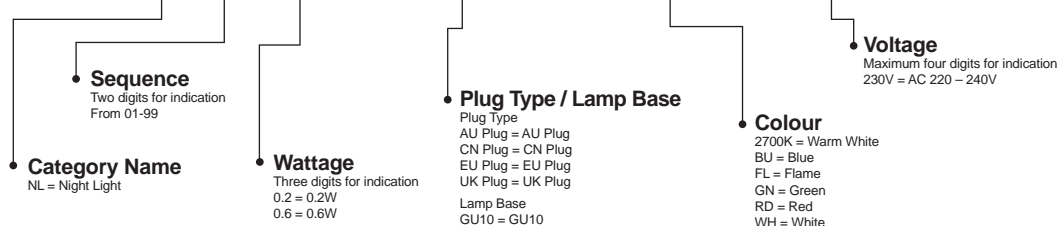
Nomenclature of LED Non-Directional Lamp

LC 03 05 d CS v2 - E14 - 2800K - 230V



Nomenclature of Night Light

NL 01 0.2 - EU Plug - 2700K - 230V





Energy Saving Tips

MEGAMAN® lamps are designed to help you conserve energy and save money, which in turn reduces CO₂ emission. Let's see how much energy and money can be saved and CO₂ can be reduced when switching to MEGAMAN®.

Total Cost of Ownership (TCO) after 20,000 hours

Example: 7W LED PAR16 vs. 35W Halogen PAR16

Lamp Type	MEGAMAN® LED PAR16		Halogen PAR16	
Wattage (W)	7		35	
Average Rated Life (hrs)	20,000		3,000	
Relamping Interval	Every 20,000 hrs		Every 3,000 hrs	
Estimated Wholesale Price after 20,000 hrs (US\$)	47		49 (\$7 x 7)	
Maintenance Cost after 20,000 hrs	0		60 (relamping at 6 times x \$10 / lamp)	
Energy Cost after 20,000 hrs (US\$)	28		140	
Total Cost of Ownership (US\$)	75		249	
Total Savings for 1 light point (US\$)	174		-----	
Breakeven Time (hrs)	4,172 (approx. 6 months)		-----	

Using one MEGAMAN® lamp in this case can help reduce up to 345kg of CO₂ emission after 20,000 hours.

Calculation Formulas:

- Energy Cost = wattage x operating hours x electricity cost / 1,000
- Total Cost of Ownership (TCO) = lamp cost + relamping cost + energy cost
- Breakeven Time* (h) is derived when the TCO of MEGAMAN® LED is equal to halogen:

$$\text{LED lamp cost} + \text{wattage} \times \text{h} \times \text{electricity cost} / 1,000 = \text{halogen lamp cost} \times (\text{h} / \text{halogen rated life}) + \text{relamping cost} \times (\text{h} / \text{halogen rated life}) + \text{wattage} \times \text{h} \times \text{electricity cost} / 1,000$$
- CO₂ Emission = wattage x operating hours x 0.616 / 1,000

Assumptions:

- Electricity Costs = US\$0.2 kWh
- 1kWh = 0.616kg of CO₂ emission
- Calculations for air-conditioning costs have been excluded.
- Above lamp costs are based on estimated wholesale price and are for reference only.

* Please visit www.led.megaman.cc for the calculations

MARKETING TOOLS

Establish the MEGAMAN® brand and capture market share with MEGAMAN® marketing tools.



Sales Racks

- Delicately crafted from material that is light, durable and attractive



Sales Display

- Suitable for confined display areas



Demo Kit

- To demonstrate the lighting effect of MEGAMAN® LED lamps in an innovative way



Power Bar

- To display and demonstrate MEGAMAN® lamps in a convenient way
- It also fits neatly on to the MEGAMAN® sales racks



Lamp Tester

- Innovative way to test MEGAMAN® lamps in E14, E27, B22 and GU10 lamp bases



Wobbler and Hanger

- Stick the wobbler on the sales display or the hanger on the ceiling to attract customers to the latest MEGAMAN® products available



Lamp Holder

- Fits onto various sales display applications for customers to experience MEGAMAN® lamps in a more intimate fashion

Alluring eco-friendly packaging for easy viewing of MEGAMAN® lamps



Blister

- Compact in size with a simple structure
- The transparent display makes our innovative products visible



Gift Box

- The simple structure is best for wholesale and project use
- Flexible in terms of design, which allows its availability for most of the product series



Smart Box

- The transparent display makes our innovative products visible
- Encases our products in a notable and discernible way to make them stand out amongst other products

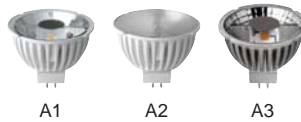
LED Lamps vs. Traditional Lamps

Reflector Lamp

MR16



Halogen
MR16



A1

A2

A3

20W

A1: ER0603-FL
A2: ER0603DG-FL
A3: ER0604-FL

PAR16



Halogen
PAR16



B1

B2

B3

B4

B5

B6

20W

35W

B1: LR1203DG-FL
B2: LR1203DGv2-VWFL
B3: LR1204-FL
B2: LR1204DGv2-VWFL
B4: LR0705-WFL
B5: LR0707-SP
B6: LR0707-WFL

Non-Directional Lamp

Candle



Incandescent
Candle



C1

C2

15W

(136lm)



C3

C4

C5

25W

(249lm)

C1: LC0403CSv2
C2: LC0403v2
C3: LC0305dCSv2
C3: LC0305CSv2
C4: LC0305dCTv2
C4: LC0305CTv2
C5: LC0305dv2
C5: LC0305v2

Classic



Incandescent
Classic



D1

D2

D3

D4

15W

(136lm)

25W

(249lm)



D5

D6

40W

(470lm)

D1: LG0303CSv2
D2: LG0303v2
D3: LG0505dCSv2
D3: LG0505CSv2
D4: LG0505dv2
D4: LG0505v2
D5: LG0408dv2
D6: LG0911dv2

Globe



Incandescent
Globe



E1

E2

40W

(470lm)



E3

E4

60W

(806lm)

E1: LG0708dv2
E2: LG0808dv2
E3: LG1014dv2
E4: LG1114dv2

Product Master List

Product Code	Description	Voltage (V)	Input Current (mA)	Wattage (W)	Rated Life (hrs)	Maximum Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	CRI	LED Converter [^]	Page No.
ER0603-FL-GU5.3-2800K-12V	MR16	12	375	3	30,000	500	FL (20°)	90	85	LD0106-K12 [†]	10
ER0603-FL-GU5.3-4000K-12V	MR16	12	375	3	30,000	500	FL (20°)	90	92	LD0106-K12 [†]	10
ER0603DG-FL-GU5.3-2800K-12V	MR16	12	375	3	30,000	350	FL (28°)	105	80	LD0106-K12 [†]	10
ER0603DG-FL-GU5.3-4000K-12V	MR16	12	375	3	30,000	350	FL (28°)	105	80	LD0106-K12 [†]	10
ER0604-FL-GU5.3-2800K-12V	MR16	12	500	4	30,000	650	FL (24°)	180	80	LD0106-K12 [†]	10
ER0604-FL-GU5.3-4000K-12V	MR16	12	500	4	30,000	650	FL (24°)	180	80	LD0106-K12 [†]	10

















[^] Alternative to common AC/DC 12V halogen transformer. Recommended halogen transformer list is available at www.megaman.cc/RHT.

[†] Preliminary Data

Product Code	Description	Voltage (V)	Wattage (W)	Plug Type	Lamp Base	Rated Life (hrs)	Colour Available	Page No.
NL010.2-EU Plug-2700K-230V*	Night Light	220-240	0.2	EU	N/A	20,000	2700K, BU, FL, GN, RD and WH	26
NL030.6-GU10-2700K-230V*	Night Light	220-240	0.6	N/A	GU10	20,000	2700K, BU, FL, GN, RD and WH	26
NL040.2-AU Plug-2700K-230V*	Night Light	220-240	0.2	AU	N/A	20,000	2700K, BU, FL, GN, RD and WH	26
NL040.2-CN Plug-2700K-230V*	Night Light	220-240	0.2	CN	N/A	20,000	2700K, BU, FL, GN, RD and WH	26
NL040.2-EU Plug-2700K-230V*	Night Light	220-240	0.2	EU	N/A	20,000	2700K, BU, FL, GN, RD and WH	26
NL040.2-UK Plug-2700K-230V*	Night Light	220-240	0.2	UK	N/A	20,000	2700K, BU, FL, GN, RD and WH	26
NL050.2-AU Plug-2700K-230V*	Night Light	220-240	0.2	AU	N/A	20,000	2700K, BU, FL, GN, RD and WH	26
NL050.2-CN Plug-2700K-230V*	Night Light	220-240	0.2	CN	N/A	20,000	2700K, BU, FL, GN, RD and WH	26
NL050.2-EN Plug-2700K-230V*	Night Light	220-240	0.2	EU	N/A	20,000	2700K, BU, FL, GN, RD and WH	26
NL050.2-UK Plug-2700K-230V*	Night Light	220-240	0.2	UK	N/A	20,000	2700K, BU, FL, GN, RD and WH	26

* If another light colour is selected, then the product code should be changed accordingly. For example, if a flame light is selected, then the product code for the NL010.2 with EU Plug in 220V-240V will be NL010.2-EU Plug-FL-230V.













































Please refer to page 28 for the detail of nomenclature.

Product Code	Description	Voltage (V)	Wattage (W)	Rated Life (hrs)	Luminous Flux (lm)	CRI	Dimming Format	Energy Label	Page No.
 LC0305CSv2-E14-2800K-230V [†]	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305CSv2-E14-4000K-230V [†]	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305CSv2-E27-2800K-230V [†]	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305CSv2-E27-4000K-230V [†]	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305CTv2-E14-2800K-230V [†]	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305CTv2-E14-4000K-230V [†]	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305CTv2-E27-2800K-230V [†]	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305CTv2-E27-4000K-230V [†]	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305dCSv2-E14-2800K-230V [†]	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305dCSv2-E14-4000K-230V [†]	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305dCSv2-E27-2800K-230V [†]	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305dCSv2-E27-4000K-230V [†]	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305dCTv2-E14-2800K-230V [†]	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305dCTv2-E14-4000K-230V [†]	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305dCTv2-E27-2800K-230V [†]	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305dCTv2-E27-4000K-230V [†]	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16

[†] Preliminary Data

* Please refer to page 9 for details of the linear dimming solutions. Compatible dimmer list is available at www.megaman.cc/LEDdimmers.











Product Master List

Product Code	Description	Voltage (V)	Wattage (W)	Rated Life (hrs)	Luminous Flux (lm)	CRI	Dimming Format	Energy Label	Page No.
 LC0305dv2-E14-2800K-230V†	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305dv2-E14-4000K-230V†	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305dv2-E27-2800K-230V†	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305dv2-E27-4000K-230V†	Candle	220-240	5	25,000	240	80	100-10%*	Grade A	16
 LC0305v2-E14-2800K-230V†	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305v2-E14-4000K-230V†	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305v2-E27-2800K-230V†	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0305v2-E27-4000K-230V†	Candle	220-240	5	25,000	240	80	N/A	Grade A	16
 LC0403CSv2-E14-2800K-230V†	Candle	220-240	3	25,000	140	80	N/A	N/A	16
 LC0403CSv2-E14-4000K-230V†	Candle	220-240	3	25,000	140	80	N/A	N/A	16
 LC0403v2-E14-2800K-230V†	Candle	220-240	3	25,000	140	80	N/A	N/A	16
 LC0403v2-E14-4000K-230V†	Candle	220-240	3	25,000	140	80	N/A	N/A	16
 LG0303CSv2-E14-2800K-230V†	Classic	220-240	3	25,000	140	80	N/A	N/A	20
 LG0303CSv2-E14-4000K-230V†	Classic	220-240	3	25,000	140	80	N/A	N/A	20
 LG0303v2-E14-2800K-230V†	Classic	220-240	3	25,000	140	80	N/A	N/A	20
 LG0303v2-E14-4000K-230V†	Classic	220-240	3	25,000	140	80	N/A	N/A	20
 LG0408dv2-E27-2800K-230V†	Classic	220-240	8	25,000	420	80	100-10%*	Grade A	20
 LG0408dv2-E27-4000K-230V†	Classic	220-240	8	25,000	420	80	100-10%*	Grade A	20
 LG0505CSv2-E14-2800K-230V†	Classic	220-240	5	25,000	240	80	N/A	Grade A	20
 LG0505CSv2-E14-4000K-230V†	Classic	220-240	5	25,000	240	80	N/A	Grade A	20
 LG0505CSv2-E27-2800K-230V†	Classic	220-240	5	25,000	240	80	N/A	Grade A	20
 LG0505CSv2-E27-4000K-230V†	Classic	220-240	5	25,000	240	80	N/A	Grade A	20
 LG0505dCSv2-E14-2800K-230V†	Classic	220-240	5	25,000	240	80	100-10%*	Grade A	20
 LG0505dCSv2-E14-4000K-230V†	Classic	220-240	5	25,000	240	80	100-10%*	Grade A	20
 LG0505dCSv2-E27-2800K-230V†	Classic	220-240	5	25,000	240	80	100-10%*	Grade A	20
 LG0505dCSv2-E27-4000K-230V†	Classic	220-240	5	25,000	240	80	100-10%*	Grade A	20
 LG0505dv2-E14-2800K-230V†	Classic	220-240	5	25,000	240	80	100-10%*	Grade A	20
 LG0505dv2-E14-4000K-230V†	Classic	220-240	5	25,000	240	80	100-10%*	Grade A	20
 LG0505dv2-E27-2800K-230V†	Classic	220-240	5	25,000	240	80	100-10%*	Grade A	20
 LG0505dv2-E27-4000K-230V†	Classic	220-240	5	25,000	240	80	100-10%*	Grade A	20
 LG0505v2-E14-2800K-230V†	Classic	220-240	5	25,000	240	80	N/A	Grade A	20
 LG0505v2-E14-4000K-230V†	Classic	220-240	5	25,000	240	80	N/A	Grade A	20
 LG0505v2-E27-2800K-230V†	Classic	220-240	5	25,000	240	80	N/A	Grade A	20
 LG0505v2-E27-4000K-230V†	Classic	220-240	5	25,000	240	80	N/A	Grade A	20
 LG0708dv2-E27-2800K-230V†	Globe	220-240	8	25,000	420	80	100-10%*	Grade A	24
 LG0708dv2-E27-4000K-230V†	Globe	220-240	8	25,000	420	80	100-10%*	Grade A	24
 LG0808dv2-E27-2800K-230V†	Globe	220-240	8	25,000	420	80	100-10%*	Grade A	24
 LG0808dv2-E27-4000K-230V†	Globe	220-240	8	25,000	420	80	100-10%*	Grade A	24
 LG0911dv2-E27-2800K-230V†	Classic	220-240	11	25,000	620	80	100-10%*	Grade A	20
 LG0911dv2-E27-4000K-230V†	Classic	220-240	11	25,000	620	80	100-10%*	Grade A	20
 LG1014dv2-E27-2800K-230V†	Globe	220-240	14	25,000	810	80	100-10%*	Grade A	24
 LG1014dv2-E27-4000K-230V†	Globe	220-240	14	25,000	810	80	100-10%*	Grade A	24
 LG1114dv2-E27-2800K-230V†	Globe	220-240	14	25,000	810	80	100-10%*	Grade A	24
 LG1114dv2-E27-4000K-230V†	Globe	220-240	14	25,000	810	80	100-10%*	Grade A	24

† Preliminary Data

* Please refer to page 9 for details of the linear dimming solutions. Compatible dimmer list is available at www.megaman.cc/LEDdimmers.

Product Master List

Product Code	Description	Voltage (V)	Wattage (W)	Rated Life (hrs)	Maximum Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	CRI	Page No.
LR0705-WFL-E14-2800K-230V	PAR16	220-240	5	20,000	320	WFL (40°)	160	80	12
LR0705-WFL-E14-4000K-230V	PAR16	220-240	5	20,000	320	WFL (40°)	160	80	12
LR0705-WFL-GU10-2800K-230V	PAR16	220-240	5	20,000	320	WFL (40°)	160	80	12
LR0705-WFL-GU10-4000K-230V	PAR16	220-240	5	20,000	320	WFL (40°)	160	80	12
LR0707-SP-E14-2800K-230V	PAR16	220-240	7	20,000	1600	SP (15°)	210	80	12
LR0707-SP-E14-4000K-230V	PAR16	220-240	7	20,000	1600	SP (15°)	210	80	12
LR0707-SP-GU10-2800K-230V	PAR16	220-240	7	20,000	1600	SP (15°)	210	80	12
LR0707-SP-GU10-4000K-230V	PAR16	220-240	7	20,000	1600	SP (15°)	210	80	12
LR0707-WFL-E14-2800K-230V	PAR16	220-240	7	20,000	500	WFL (35°)	210	80	12
LR0707-WFL-E14-4000K-230V	PAR16	220-240	7	20,000	500	WFL (35°)	210	80	12
LR0707-WFL-GU10-2800K-230V	PAR16	220-240	7	20,000	500	WFL (35°)	210	80	12
LR0707-WFL-GU10-4000K-230V	PAR16	220-240	7	20,000	500	WFL (35°)	210	80	12
LR1203DG-FL-GU10-2800K-230V	PAR16	220-240	3	20,000	350	FL (28°)	105	80	12
LR1203DG-FL-GU10-4000K-230V	PAR16	220-240	3	20,000	350	FL (28°)	105	80	12
 LR1203DGv2-VWFL-E14-2800K-230V†	PAR16	220-240	3	25,000	120	VWFL (60°)	150	80	12
 LR1203DGv2-VWFL-E14-4000K-230V†	PAR16	220-240	3	25,000	120	VWFL (60°)	150	80	12
 LR1203DGv2-VWFL-GU10-2800K-230V†	PAR16	220-240	3	25,000	120	VWFL (60°)	150	80	12
 LR1203DGv2-VWFL-GU10-4000K-230V†	PAR16	220-240	3	25,000	120	VWFL (60°)	150	80	12
LR1204-FL-GU10-2800K-230V	PAR16	220-240	4	20,000	800	FL (24°)	200	82	12
LR1204-FL-GU10-4000K-230V	PAR16	220-240	4	20,000	800	FL (24°)	200	85	12
 LR1204DGv2-VWFL-E14-2800K-230V†	PAR16	220-240	4	25,000	200	VWFL (60°)	280	80	12
 LR1204DGv2-VWFL-E14-4000K-230V†	PAR16	220-240	4	25,000	200	VWFL (60°)	280	80	12
 LR1204DGv2-VWFL-GU10-2800K-230V†	PAR16	220-240	4	25,000	200	VWFL (60°)	280	80	12
 LR1204DGv2-VWFL-GU10-4000K-230V†	PAR16	220-240	4	25,000	200	VWFL (60°)	280	80	12
 LR1303DG-VWFL-GX53-2800K-230V†	GX53	220-240	3	25,000	135	VWFL (60°)	120	80	14
 LR1303DG-VWFL-GX53-4000K-230V†	GX53	220-240	3	25,000	135	VWFL (60°)	120	80	14
LR1304-VWFL-GX53-2800K-230V	GX53	220-240	4	25,000	180	VWFL (60°)	160	80	14
LR1304-VWFL-GX53-4000K-230V	GX53	220-240	4	25,000	180	VWFL (60°)	160	80	14

† Preliminary Data

Product Code	Description	Mains Input Voltage (V)	Input Voltage Range (V)	Output Voltage (V)	Maximum Lamp Wattage (W)	Output Current (mA)	Rated Life (hrs)	Power Factor (λ)	Maximum System Wattage (W)	LED Lamps Supported [^]	Page No.
LD0106-K12†	Constant Voltage	220-240	180-260	DC 12V	6	500	50,000	0.4	8	1,2,3	11

† Preliminary data

[^] LED lamps supported: 1. ER0603-FL, 2. ER0603DG-FL, 3. ER0604-FL

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