

Dim to Warm

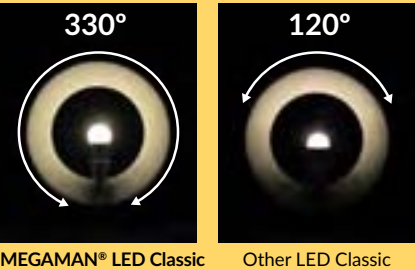


Improved dimming performance with the warmth of Halogen

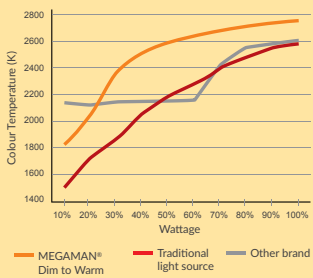
MEGAMAN® is proud to be the first to introduce a wide range of LED products incorporating a brand new Dim to Warm technology. These LED lamps emit a warmer light when they are dimmed. The colour temperature of these LED lamps changes from 2800K (2700K) to 1800K when the lamps are dimmed from 100% to 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.

330° illumination angle



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.



Dim to Warm

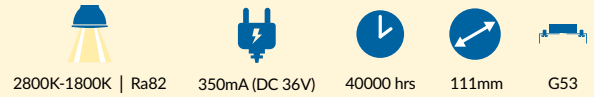


AR111 / Professional Series



TCH

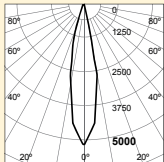
Dim to Warm



Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label
ER3712w-75H24D	12	5000	24	850	750	58	100-1%	A
ER3912w-75H45D	12	2000	45	850	750	58	100-1%	A

Capable of linear dimming from 100% to 1% when connected to a LED constant current reduction converter with output current of 350mA and voltage DC 36V and DC1-10V dimmer .
If the lamps are connected to a MEGAMAN® LED converter LD0214x1d-C350, the dimming range is 100% to 10%.

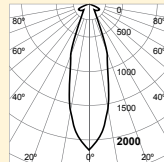
ER3712w-75H24D



m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

ER3912w-75H45D



m	Lux	Ø cm
0.5	8000	41
1	2000	83
1.5	889	124
2	500	166

Beam angle = 45°

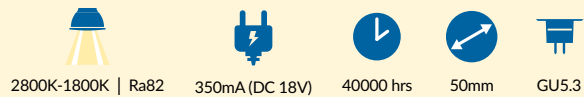


MR16 / Professional Series



TCH

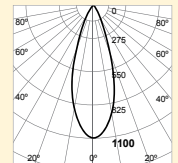
Dim to Warm



Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label
ER3306w-50H36D	6	1100	36	500	330	45	100-1%	A

Capable of linear dimming from 100% to 1% when connected to a LED constant current reduction converter with output current of 350mA and voltage DC 18V and DC1-10V dimmer .
If the lamps are connected to a MEGAMAN® U-DIM™ LED converter LD0208x1d-C350, the dimming range is 100% to 5% and compatible with both leading-edge and trailing-edge dimmers.
For further information on U-DIM™ technology, please refer to page 12.

ER3306w-50H36D



m	Lux	Ø cm
0.5	4400	32
1	1100	65
1.5	489	95
2	275	126

Beam angle = 36°

Dim to Warm



PAR16 / Smart Series

Dim to Warm



2800K-1800K | Ra82



220-240V



25000 hrs



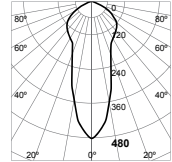
50mm



GU10

Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label
LR5006wDG-WFL	6	480	35	400	280	57	100-5%	A

LR5006wDG-WFL



m	Lux	Ø cm
0.5	1920	32
1	480	63
1.5	213	95
2	120	126

Beam angle = 35°



CANDLE / Smart Series

Dim to Warm



2700K-1800K | Ra80



220-240V



25000 hrs



E14

Equivalent Incandescent Lamp Wattage (W)	Model No.	Wattage (W)	Total Luminous Flux (lm)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
25	LC0404w	4	250	35	100	100-10%	A+	1
25	LC0404wCS	4	250	35	100	100-10%	A+	2
40	LC1106w	6	470	40	106	100-10%	A+	3
40	LC1106wCS	6	470	40	106	100-10%	A+	4



CLASSIC / Smart Series

Dim to Warm



2700K-1800K | Ra80



220-240V



25000 hrs

Lamp Type	Equivalent Incandescent Lamp Wattage (W)	Model No.	Lamp Base	Wattage (W)	Total Luminous Flux (lm)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product photo
P45	25	LG2604w	E14	4	250	45	84	100-10%	A+	1
P45	40	LG5206w	E14	6	470	45	80	100-10%	A+	2
A55	40	LG2207w	E27	7	470	55	104	100-10%	A+	3
A65	60	LG2310.5w	E27	10.5	810	65	125	100-10%	A+	4

E27 lamp base is available for Candle with 470lm and Classic P45. Please refer to the website www.megaman.cc/user-guide for the compatible dimmer list.

Dim to Warm

