

LED MR16

Designed for MR16 applications, the MEGAMAN® LED MR16 reflector has the same compact profile as the halogen MR16 and delivers superb lighting performance. With different approaches controlling light and beam angle options available, MEGAMAN® offers solutions that deliver excellent light efficiency with better glare control for both accent and ambient lighting applications. They work well with most conventional AC 12V halogen transformers and generate much less heat than halogen lamps.

To offer an enhancement to any lighting scheme, MEGAMAN® offers the LED MR16 range with outstanding colour quality through our RichColour technology, unique Dim to Warm functionality, Step Dimming technology to dim the lamp with ordinary on/off switch, and even smart lighting control.

MEGAMAN® also offers high performance LED MR16 solutions with different features to enhance lighting schemes and the unique Dim to Warm technology simulates the characteristics of a halogen lamp and emits a warmer light when dimmed. RichColour+ technology offers a high colour rendering of Ra95 and high R9 value ≥ 75 , the colour accuracy is closer to natural sunlight, making it a perfect halogen replacement for retail locations, art galleries, museums, and anywhere accurate colour is needed.

50W Alternatives



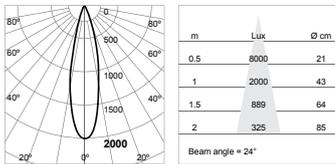
MR16 / Professional Series

TCH

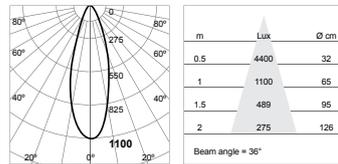
2800K | Ra82
 4000K | Ra85
 AC 12V
 25000 hrs
 50mm
 GU5.3

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
ER3207.5d-50H24D	7.5	2000	24	450	330	56	100-10%	A
ER3207-50H24D	7	2000	24	500	330	56	No	A
ER3207.5d-50H36D	7.5	1100	36	450	330	56	100-10%	A
ER3207-50H36D	7	1100	36	500	330	56	No	A

ER3207.5d-50H24D / ER3207-50H24D



ER3207.5d-50H36D / ER3207-50H36D



Please refer to the website www.megaman.cc/user-guide for the compatible dimmer and halogen transformer lists.

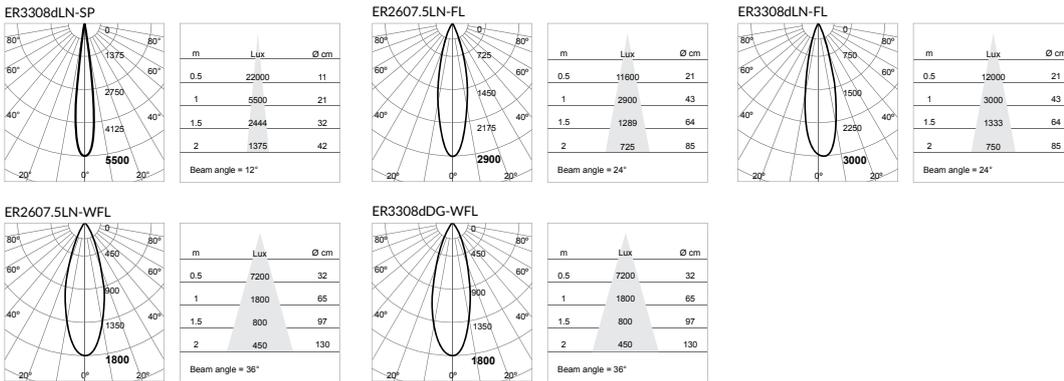
35W Alternatives



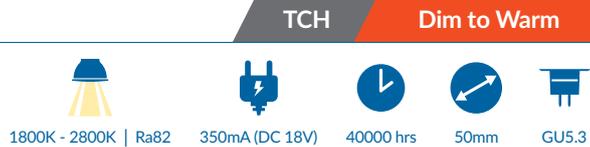
MR16 / Smart Series



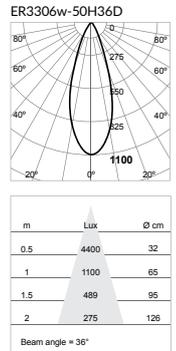
Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label	Product Photo
ER3308dLN-SP	8	5500	12	450	350	46	100-10%	A	1
ER2607.5LN-FL	7.5	2900	24	500	420	51	No	A	2
ER3308dLN-FL	8	3000	24	600	500	49	100-10%	A	1
ER2607.5LN-WFL	7.5	1800	36	500	420	51	No	A	2
ER3308dDG-WFL	8	1800	36	600	500	49	100-10%	A	3



MR16 / Professional Series



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



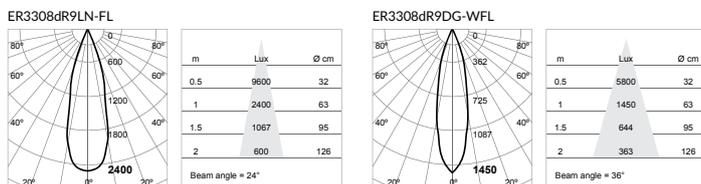
Capable of linear dimming from 100% to 1% when connected to a LED constant current reduction converter with output current of 350mA and voltage DC 18V and DC1-10V dimmer. If the lamps are connected to a MEGAMAN® U-DIM™ LED converter LD0208x1d-C350, the dimming range is 100% to 5% and compatible with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



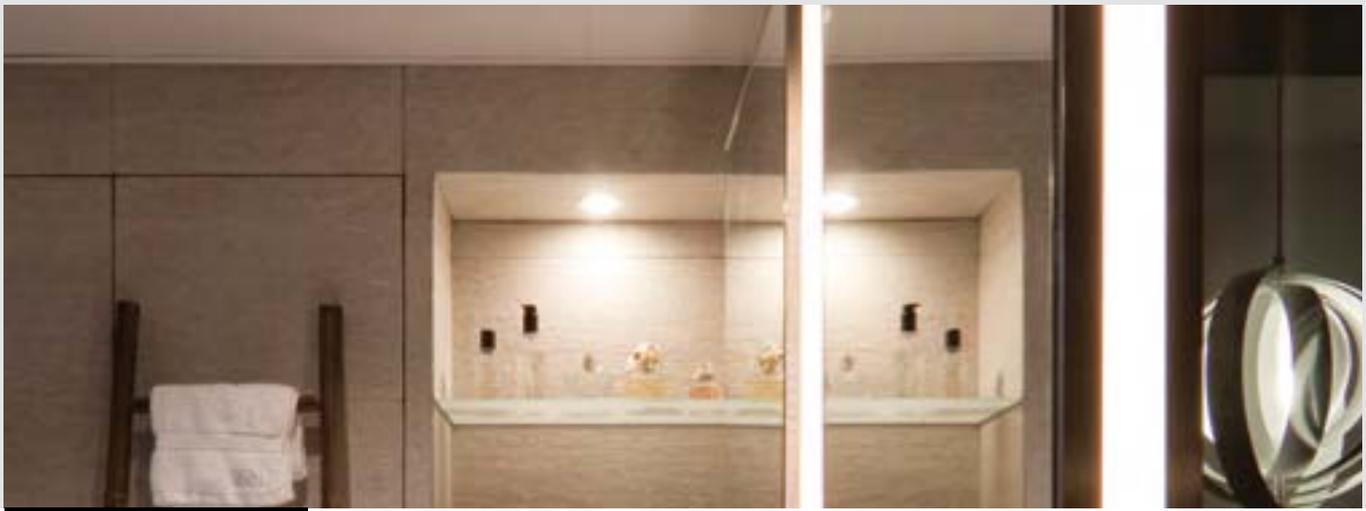
MR16 / Smart Series



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	Product Photo
ER3308dR9LN-FL ¹	8	2400	24	500	420	49	100-10%	A	1
ER3308dR9DG-WFL ¹	8	1450	36	500	420	49	100-10%	A	2



Please refer to the website www.megaman.cc/user-guide for the compatible dimmer and halogen transformer lists.
¹ Preliminary Data



35W Alternatives



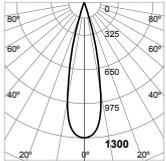
MR16 / Professional Series

TCH



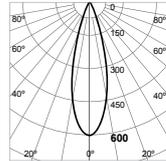
Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label
ER2404.5-35H24D	4.5	1300	24	240	210	45	No	A
ER2404.5-35H36D	4.5	600	36	240	210	45	No	A

ER2404.5-35H24D



m	Lux	Ø cm
0.5	5200	21
1	1300	43
1.5	578	64
2	325	85

ER2404.5-35H36D



m	Lux	Ø cm
0.5	2400	32
1	600	65
1.5	267	97
2	150	130

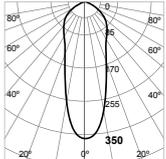


MR16 / Economy Series



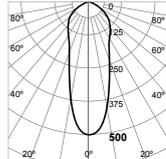
Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Length (mm)	Dimmable	Energy Label
ER3405DG-WFL	5	350	36	250	220	47	No	A
ER3406DG-WFL	6	500	36	400	300	47	No	A

ER3405DG-WFL



m	Lux	Ø cm
0.5	1400	32
1	350	65
1.5	156	97
2	88	130

ER3406DG-WFL



m	Lux	Ø cm
0.5	2000	32
1	500	65
1.5	222	97
2	125	130