



The Perfect LED Spot solution

LED MR16

Philips LED MR-16 lamps with single optic technology provide the look and color quality of traditional halogens while using a fraction of the energy. A perfect fit for spot lighting, they are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots.

Benefits

- Up to 80% energy saving compared with halogen lamps and lower maintenance costs
- Easy to replace/retro-fit. Broad compatibility with transformers
- "Perfect fit" in most current Halogen fixtures

Features

- Ranging between 15,000 to 40,000 hour LED Lifetime
- Easy to replace/retro-fit- "Perfect fit" in most current Halogen fixtures. Title 20 & Title 24 JA8 compliant versions options are available
- Optimized look and feel of product
- Compatible with most commonly available halogen transformers
- Ranging between 3-year to 5-year limited component warranty depending upon operating hours

Application

- Hotels, restaurants, bars, cafés, museums, shops
- Lobbies, corridors, stairwells, washrooms, reception areas , exhibitions, display cabinets

LED MR16

Versions



GU5.3 MR16

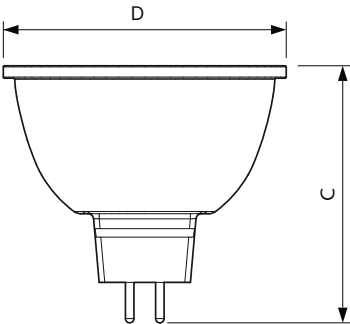


GU5.3 MR16



GU5.3 2inch/50mm Clear

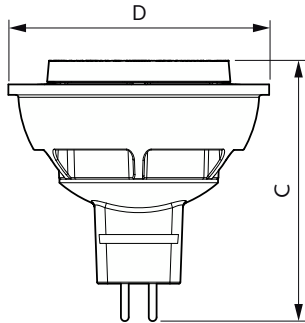
Dimensional drawing



Product	D	C
8MR16/LED/827/F35/DIM 12V 10/1FB	2 in	1-7/8 in
8MR16/LED/830/F25/DIM 12V 10/1FB	2 in	1-7/8 in
7MR16/LED/830/F25/DIM 12V 10/1FB	2 in	1-7/8 in
6.3MR16/LED/F25/927/D/EC/12V T20 10/1FB	2 in	1-13/16 in
6.3MR16/LED/F35/927/D/EC/12V T20 10/1FB	2 in	1-13/16 in
7.8MR16/PER/940/F25/Dim/EC/12V 10/1FB	2 in	1-13/16 in
7MR16/LED/830/F35/DIM 12V 10/1FB	2 in	1-7/8 in
8MR16/LED/840/F25/DIM 12V 10/1FB	2 in	1-7/8 in
8MR16/LED/827/F25/DIM 12V 10/1FB	2 in	1-7/8 in
8MR16/LED/840/F35/DIM 12V 10/1FB	2 in	1-7/8 in
7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB	2 in	1-13/16 in
7.8MR16/PER/930/F35/Dim/EC/12V 10/1FB	2 in	1-13/16 in
7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB	2 in	1-13/16 in
6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB	2 in	1-13/16 in
7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB	2 in	1-13/16 in
7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB	2 in	1-13/16 in
7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB	2 in	1-13/16 in
7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB	2 in	1-13/16 in
7MR16/LED/827/F25/DIM 12V 10/1FB	2 in	1-7/8 in
6.3MR16/LED/F25/930/D/EC/12V T20 10/1FB	2 in	1-13/16 in
8MR16/LED/830/F35/DIM 12V 10/1FB	2 in	1-7/8 in
7.8MR16/PER/940/F35/Dim/EC/12V 10/1FB	2 in	1-13/16 in
7MR16/LED/827/F35/DIM 12V 10/1FB	2 in	1-7/8 in
6.3MR16/LED/F25/935/DIM/12V T20 10/1FB	2 in	1-13/16 in

LED MR16

Dimensional drawing



Product	D	C
6.5MR16/F35/2700-2200 DIM 12V	2-1/16 in	2 in
6.5MR16/F25/2700-2200 DIM 12V	2-1/16 in	2 in

Controls and dimming	
Dimmable	Only with specific dimmers
Operating and electrical	
Input Frequency	- Hz
Voltage (Nom)	ac electronic 12 V
Starting Time (Nom)	0.5 s
General information	
Cap-Base	GU5.3
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000
Light technical	
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and housing	
Bulb Shape	MR16

Operating and electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Nom)
573907	8MR16/LED/827/F25/DIM 12V 10/1FB	75 W	8 W
573915	8MR16/LED/830/F25/DIM 12V 10/1FB	75 W	8 W
573931	8MR16/LED/827/F35/DIM 12V 10/1FB	75 W	8 W
573949	8MR16/LED/830/F35/DIM 12V 10/1FB	75 W	8 W
573955	8MR16/LED/840/F35/DIM 12V 10/1FB	75 W	8 W
573865	7MR16/LED/827/F25/DIM 12V 10/1FB	50 W	7 W
573873	7MR16/LED/830/F25/DIM 12V 10/1FB	50 W	7 W
573881	7MR16/LED/827/F35/DIM 12V 10/1FB	50 W	7 W
573899	7MR16/LED/830/F35/DIM 12V 10/1FB	50 W	7 W
573923	8MR16/LED/840/F25/DIM 12V 10/1FB	75 W	8 W
573535	6.3MR16/LED/F25/927/D/EC/12V T20 10/1FB	42 W	6.3 W
573543	6.3MR16/LED/F25/930/D/EC/12V T20 10/1FB	42 W	6.3 W
573550	6.3MR16/LED/F35/927/D/EC/12V T20 10/1FB	42 W	6.3 W
573568	6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB	42 W	6.3 W
573576	7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB	35 W	7.8 W
573584	7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB	35 W	7.8 W
573592	7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB	35 W	7.8 W
573600	7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB	50 W	7.8 W
573618	7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB	50 W	7.8 W
573626	7.8MR16/PER/940/F25/Dim/EC/12V 10/1FB	50 W	7.8 W
573634	7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB	50 W	7.8 W
573642	7.8MR16/PER/930/F35/Dim/EC/12V 10/1FB	50 W	7.8 W
573659	7.8MR16/PER/940/F35/Dim/EC/12V 10/1FB	50 W	7.8 W
577619	6.3MR16/LED/F25/935/DIM/12V T20 10/1FB	42 W	6.3 W
574400	6.5MR16/F25/2700-2200 DIM 12V	35 W	6.5 W
574418	6.5MR16/F35/2700-2200 DIM 12V	35 W	6.5 W

Light technical (1/2)

Order	Beam	Correlated	Color		
Code	Angle	Color	Color	Rendering	
Code	(Nom)	Code	Temperature (Nom)	Index (Nom)	
573907	8MR16/LED/827/F25/DI	25 °	827	2700 K	80
	M 12V 10/1FB				

Order	Beam	Correlated	Color		
Code	Angle	Color	Color	Rendering	
Code	(Nom)	Code	Temperature (Nom)	Index (Nom)	
573915	8MR16/LED/830/F25/DI	25 °	830	3000 K	80
	M 12V 10/1FB				

LED MR16

Order		Beam		Correlated	Color
Code	Full Product Name	Angle (Nom)	Color Code	Temperature (Nom)	Rendering Index (Nom)
573931	8MR16/LED/827/F35/DI M 12V 10/1FB	35 °	827	2700 K	80
573949	8MR16/LED/830/F35/DI M 12V 10/1FB	35 °	830	3000 K	80
573955	8MR16/LED/840/F35/DI M 12V 10/1FB	35 °	841	4000 K	80
573865	7MR16/LED/827/F25/DI M 12V 10/1FB	25 °	827	2700 K	80
573873	7MR16/LED/830/F25/DI M 12V 10/1FB	25 °	830	3000 K	80
573881	7MR16/LED/827/F35/DI M 12V 10/1FB	35 °	827	2700 K	80
573899	7MR16/LED/830/F35/DI M 12V 10/1FB	35 °	830	3000 K	80
573923	8MR16/LED/840/F25/DI M 12V 10/1FB	25 °	841	4000 K	80
573535	6.3MR16/LED/ F25/927/D/EC/12V T20 10/1FB	25 °	927	2700 K	91
573543	6.3MR16/LED/ F25/930/D/EC/12V T20 10/1FB	25 °	930	3000 K	91
573550	6.3MR16/LED/ F35/927/D/EC/12V T20 10/1FB	35 °	927	2700 K	91
573568	6.3MR16/LED/ F35/930/D/EC/12V T20 10/1FB	35 °	930	3000 K	91

Order		Beam		Correlated	Color
Code	Full Product Name	Angle (Nom)	Color Code	Temperature (Nom)	Rendering Index (Nom)
573576	7.8MR16/PER/927/S10/D im/EC/12V 10/1FB	10 °	927	2700 K	95
573584	7.8MR16/PER/930/S10/ Dim/EC/12V 10/1FB	10 °	930	3000 K	95
573592	7.8MR16/PER/940/S10/ Dim/EC/12V 10/1FB	10 °	940	4000 K	95
573600	7.8MR16/PER/927/F25/D im/EC/12V 10/1FB	25 °	927	2700 K	95
573618	7.8MR16/PER/930/F25/ Dim/EC/12V 10/1FB	25 °	930	3000 K	95
573626	7.8MR16/PER/940/F25/ Dim/EC/12V 10/1FB	25 °	940	4000 K	95
573634	7.8MR16/PER/927/F35/D im/EC/12V 10/1FB	35 °	927	2700 K	95
573642	7.8MR16/PER/930/F35/ Dim/EC/12V 10/1FB	35 °	930	3000 K	95
573659	7.8MR16/PER/940/F35/ Dim/EC/12V 10/1FB	35 °	940	4000 K	95
577619	6.3MR16/LED/ F25/935/DIM/12V T20 10/1FB	25 °	935	3500 K	91
574400	6.5MR16/ F25/2700-2200 DIM 12V	25 °	822-827	2200, 2700 K	80
574418	6.5MR16/ F35/2700-2200 DIM 12V	35 °	822-827	2200, 2700 K	80

Light technical (2/2)

Order		Luminous Flux	Luminous
Code	Full Product Name	(Nom)	Intensity (Nom)
573907	8MR16/LED/827/F25/DIM 12V 10/1FB	600 lm	3100 cd
573915	8MR16/LED/830/F25/DIM 12V 10/1FB	620 lm	3250 cd
573931	8MR16/LED/827/F35/DIM 12V 10/1FB	600 lm	1700 cd
573949	8MR16/LED/830/F35/DIM 12V 10/1FB	620 lm	1700 cd
573955	8MR16/LED/840/F35/DIM 12V 10/1FB	660 lm	1800 cd
573865	7MR16/LED/827/F25/DIM 12V 10/1FB	515 lm	2400 cd
573873	7MR16/LED/830/F25/DIM 12V 10/1FB	515 lm	2500 cd
573881	7MR16/LED/827/F35/DIM 12V 10/1FB	515 lm	1350 cd
573899	7MR16/LED/830/F35/DIM 12V 10/1FB	515 lm	1350 cd
573923	8MR16/LED/840/F25/DIM 12V 10/1FB	660 lm	3350 cd
573535	6.3MR16/LED/F25/927/D/EC/12V T20 10/1FB	470 lm	1960 cd
573543	6.3MR16/LED/F25/930/D/EC/12V T20 10/1FB	470 lm	1960 cd
573550	6.3MR16/LED/F35/927/D/EC/12V T20 10/1FB	470 lm	1110 cd

Order		Luminous Flux	Luminous
Code	Full Product Name	(Nom)	Intensity (Nom)
573568	6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB	470 lm	1110 cd
573576	7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB	480 lm	5300 cd
573584	7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB	480 lm	5300 cd
573592	7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB	540 lm	5900 cd
573600	7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB	480 lm	2330 cd
573618	7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB	480 lm	2330 cd
573626	7.8MR16/PER/940/F25/Dim/EC/12V 10/1FB	540 lm	2600 cd
573634	7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB	480 lm	1320 cd

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Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Intensity (Nom)
573642	7.8MR16/PER/930/F35/Dim/EC/12V 10/1FB	480 lm	1320 cd
573659	7.8MR16/PER/940/F35/Dim/EC/12V 10/1FB	540 lm	1450 cd

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Intensity (Nom)
577619	6.3MR16/LED/F25/935/DIM/12V T20 10/1FB	470 lm	1960 cd
574400	6.5MR16/F25/2700-2200 DIM 12V	455 lm	1601 cd
574418	6.5MR16/F35/2700-2200 DIM 12V	455 lm	950 cd

Mechanical and housing

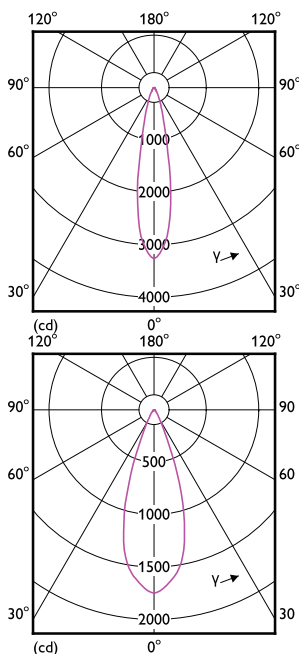
Order Code	Full Product Name	Bulb Finish
573907	8MR16/LED/827/F25/DIM 12V 10/1FB	Clear
573915	8MR16/LED/830/F25/DIM 12V 10/1FB	Clear
573931	8MR16/LED/827/F35/DIM 12V 10/1FB	Clear
573949	8MR16/LED/830/F35/DIM 12V 10/1FB	Clear
573955	8MR16/LED/840/F35/DIM 12V 10/1FB	Clear
573865	7MR16/LED/827/F25/DIM 12V 10/1FB	Clear
573873	7MR16/LED/830/F25/DIM 12V 10/1FB	Clear
573881	7MR16/LED/827/F35/DIM 12V 10/1FB	Clear
573899	7MR16/LED/830/F35/DIM 12V 10/1FB	Clear
573923	8MR16/LED/840/F25/DIM 12V 10/1FB	Clear
573535	6.3MR16/LED/F25/927/D/EC/12V T20 10/1FB	Clear
573543	6.3MR16/LED/F25/930/D/EC/12V T20 10/1FB	Clear
573550	6.3MR16/LED/F35/927/D/EC/12V T20 10/1FB	Clear

Order Code	Full Product Name	Bulb Finish
573568	6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB	Clear
573576	7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB	Clear
573584	7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB	Clear
573592	7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB	Clear
573600	7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB	Clear
573618	7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB	Clear
573626	7.8MR16/PER/940/F25/Dim/EC/12V 10/1FB	Clear
573634	7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB	Clear
573642	7.8MR16/PER/930/F35/Dim/EC/12V 10/1FB	Clear
573659	7.8MR16/PER/940/F35/Dim/EC/12V 10/1FB	Clear
577619	6.3MR16/LED/F25/935/DIM/12V T20 10/1FB	-
574400	6.5MR16/F25/2700-2200 DIM 12V	Clear
574418	6.5MR16/F35/2700-2200 DIM 12V	Clear

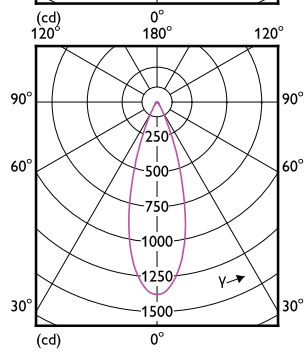
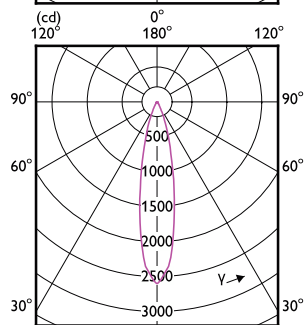
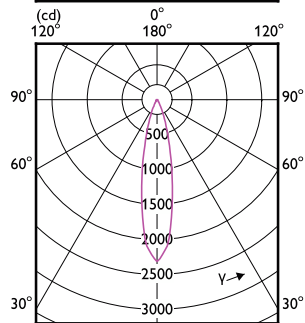
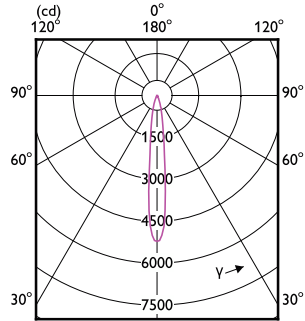
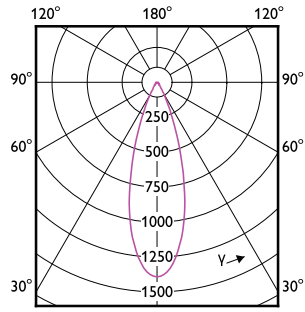
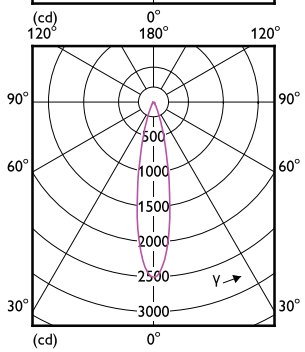
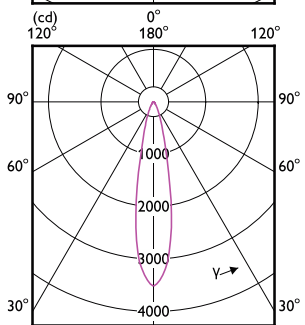
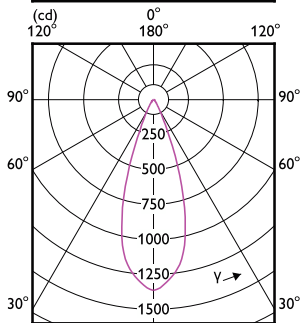
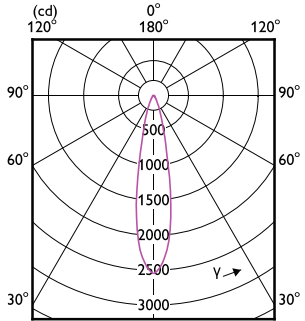
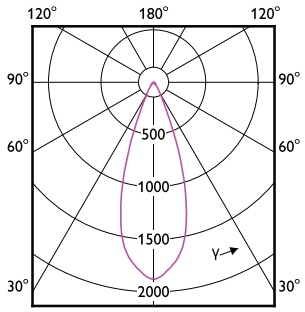
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
573907	8MR16/LED/827/F25/DIM 12V 10/1FB	199.4 °F
573915	8MR16/LED/830/F25/DIM 12V 10/1FB	199.4 °F
573931	8MR16/LED/827/F35/DIM 12V 10/1FB	199.4 °F
573949	8MR16/LED/830/F35/DIM 12V 10/1FB	199.4 °F
573955	8MR16/LED/840/F35/DIM 12V 10/1FB	199.4 °F
573865	7MR16/LED/827/F25/DIM 12V 10/1FB	194 °F
573873	7MR16/LED/830/F25/DIM 12V 10/1FB	194 °F
573881	7MR16/LED/827/F35/DIM 12V 10/1FB	194 °F
573899	7MR16/LED/830/F35/DIM 12V 10/1FB	194 °F
573923	8MR16/LED/840/F25/DIM 12V 10/1FB	199.4 °F
573535	6.3MR16/LED/F25/927/D/EC/12V T20 10/1FB	192.2 °F
573543	6.3MR16/LED/F25/930/D/EC/12V T20 10/1FB	192.2 °F
573550	6.3MR16/LED/F35/927/D/EC/12V T20 10/1FB	192.2 °F
573568	6.3MR16/LED/F35/930/D/EC/12V T20 10/1FB	192.2 °F
573576	7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB	199.4 °F
573584	7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB	199.4 °F
573592	7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB	199.4 °F
573600	7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB	199.4 °F
573618	7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB	199.4 °F
573626	7.8MR16/PER/940/F25/Dim/EC/12V 10/1FB	199.4 °F
573634	7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB	199.4 °F
573642	7.8MR16/PER/930/F35/Dim/EC/12V 10/1FB	199.4 °F
573659	7.8MR16/PER/940/F35/Dim/EC/12V 10/1FB	199.4 °F
577619	6.3MR16/LED/F25/935/DIM/12V T20 10/1FB	192.2 °F
574400	6.5MR16/F25/2700-2200 DIM 12V	176 °F

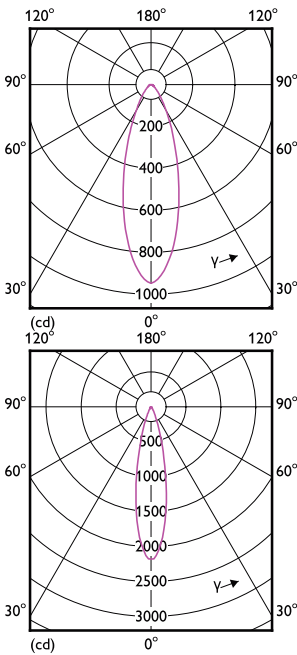
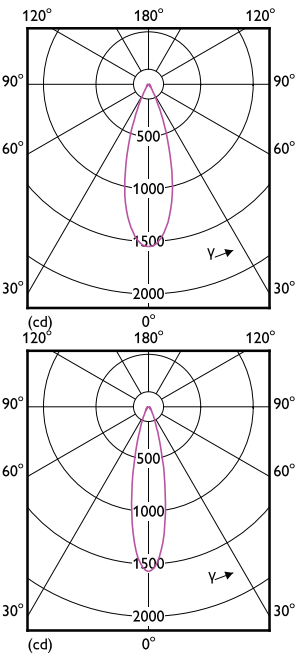
Order Code	Full Product Name	T-Case Maximum (Nom)
574418	6.5MR16/F35/2700-2200 DIM 12V	176 °F



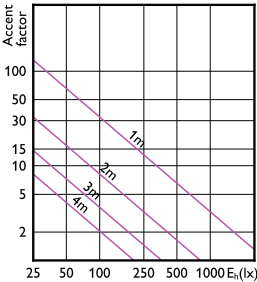
LED MR16



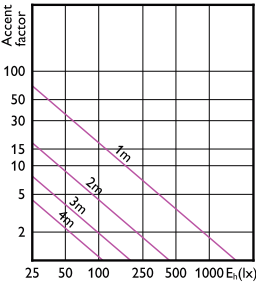
LED MR16



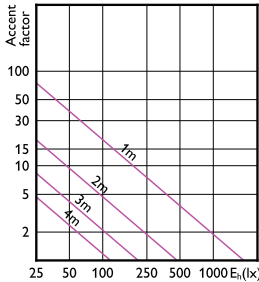
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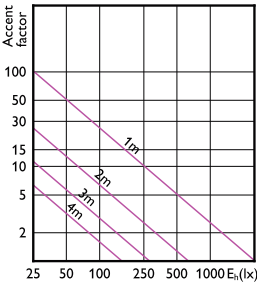
LEDspots DIM IC 8W MR16 GU5,3 827 25D-LA2



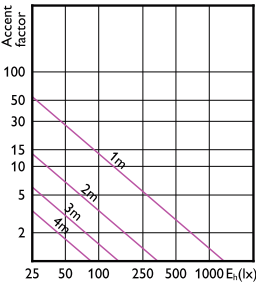
LEDspots DIM IC 8W MR16 GU5,3 827 35D-LA2



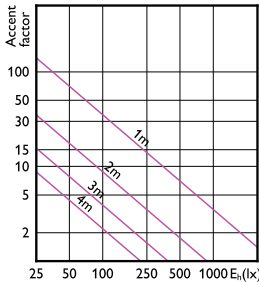
LEDspots DIM IC 8W MR16 GU5,3 840 35D-LA2



LEDspots DIM IC 7W MR16 GU5,3 827 25D-LA2

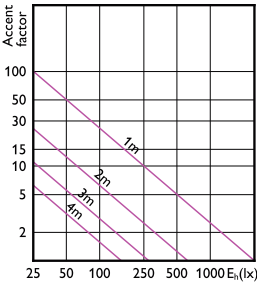


LEDspots DIM IC 7W MR16 GU5,3 827 35D-LA2

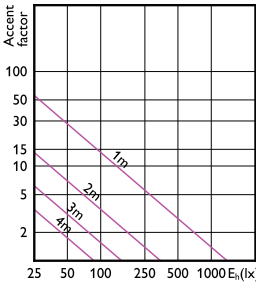


LEDspots DIM IC 8W MR16 GU5,3 840 25D-LA2

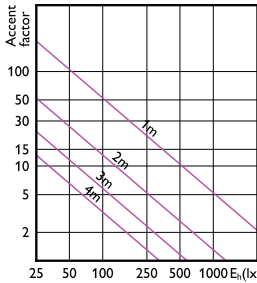
Accent Diagrams



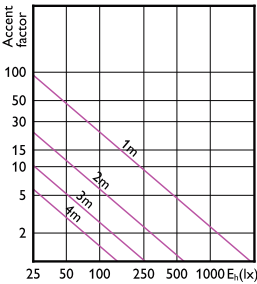
LEDspots DIM IC 6,3W MR16 GU5,3 927 25D-LA2



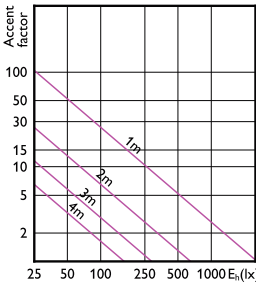
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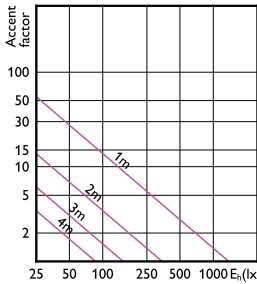
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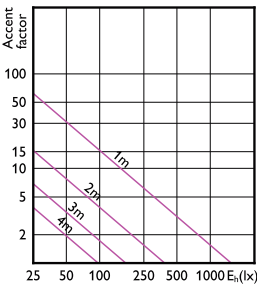
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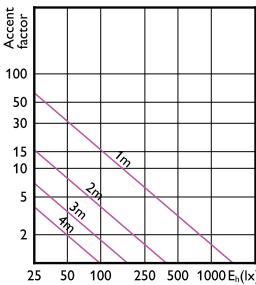
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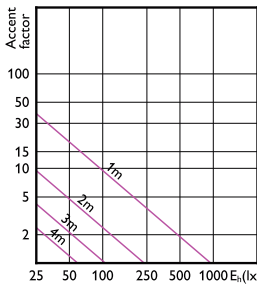
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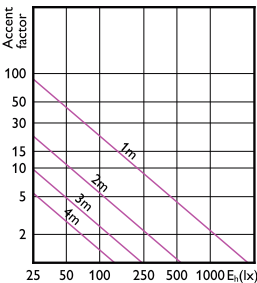
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LEDspots DIM IC 6,5W MR16 GU5,3 827 25D-LA2



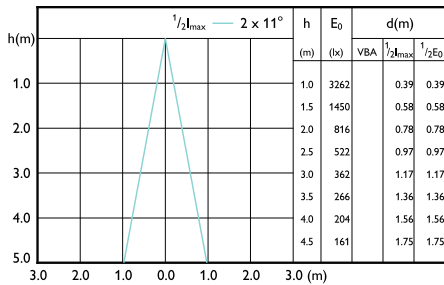
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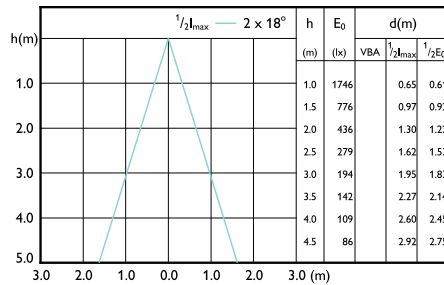
Accent Diagram

LED MR16

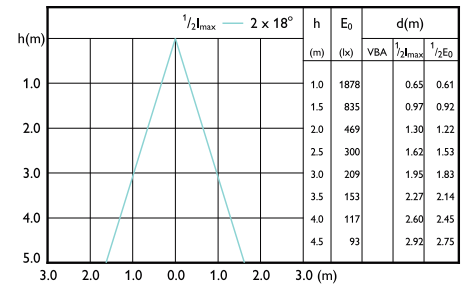
Beam Diagrams



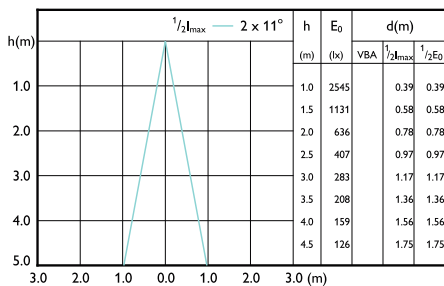
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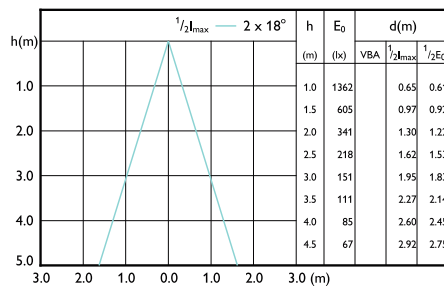
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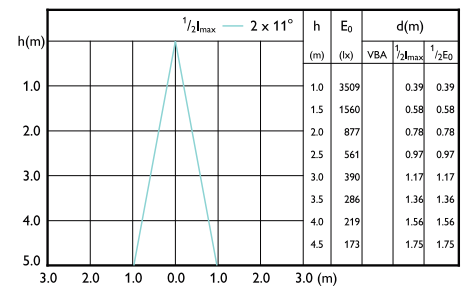
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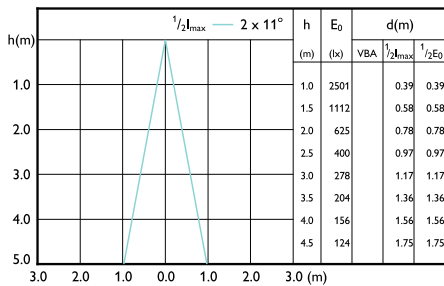
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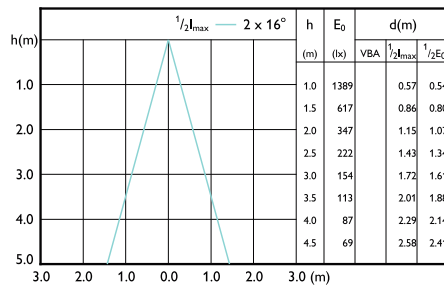
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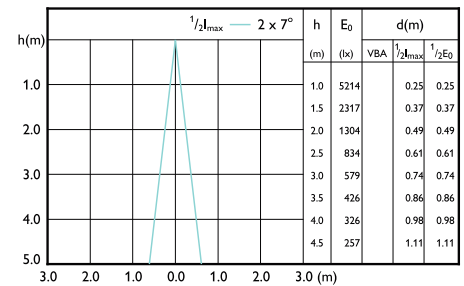
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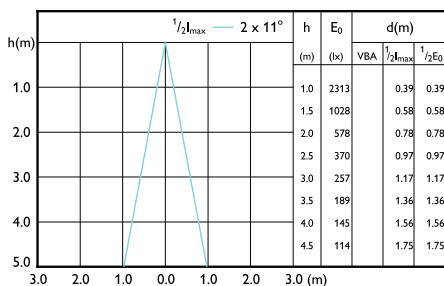
LEDspots DIM IC 6,3W MR16 GU5,3 927 25D-LBP



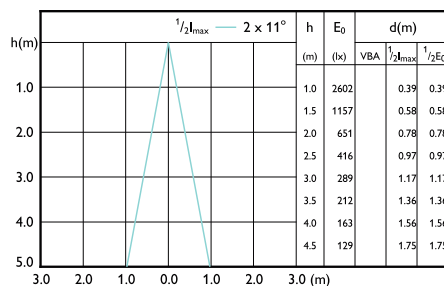
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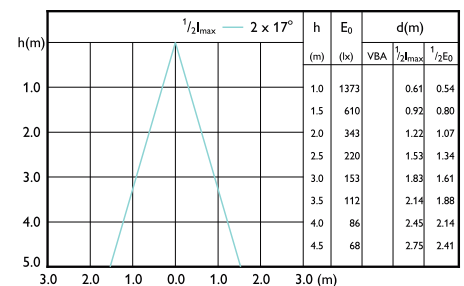
LEDspots DIM IC 7,8W MR16 GU5,3 927 10D-LBP



LEDspots DIM IC 7,8W MR16 GU5,3 927 25D-LBP



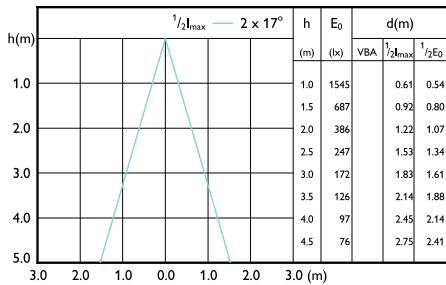
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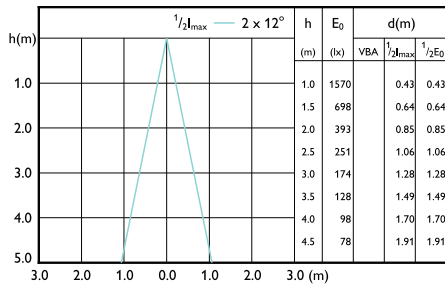
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LED MR16

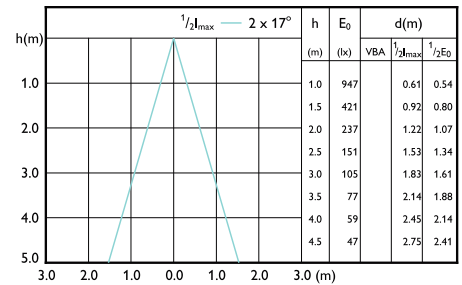
Beam Diagrams



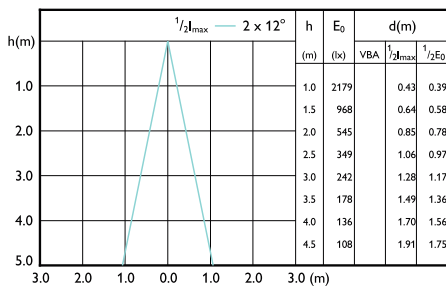
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LEDspots DIM IC 6,5W MR16 GU5,3 827 25D-LBP



LEDspots DIM IC 6,5W MR16 GU5,3 827 35D-LBP



Beam Diagram

