



Your everyday LEDspot MR16

Essential LEDspot MR16

Essential LEDspots MR16 are compatible with most existing fixtures with a GU5.3 socket and are designed as a retrofit replacement for halogen spots. Essential LEDspots MR16 deliver significant energy savings and minimize initial investment.

Benefits

- Up to 90% energy saving compared with traditional halogen lamps
- Lower maintenance costs
- Low initial investment

Features

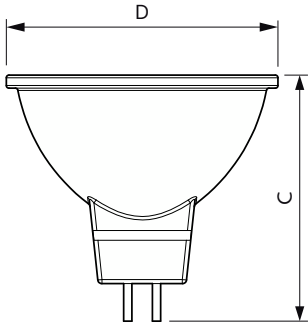
- Easy retrofit
- Lifetime up to 15,000 hours
- Non-dimmable
- UV- and IR-free light

Application

- Hotels, restaurants, bars, cafés, shops
- Lobbies, corridors, stairwells, washrooms, reception areas

Essential LEDspot MR16

Dimensional drawing



Product	D	C
ESS LED MR16 3-35W 36D 830 SO 100-240V	50.5 mm	46.5 mm
ESS LED MR16 3-35W 36D 865 SO 100-240V	50.5 mm	46.5 mm
ESS LED MR16 4.5-50W 36D 830 SO 100-240V	50.5 mm	46.5 mm
ESS LED MR16 4.5-50W 36D 865 SO 100-240V	50.5 mm	46.5 mm
Essential LED 5-50W 2700K MR16 24D	50 mm	46 mm
Essential LED 5-50W 6500K MR16 24D	50 mm	46 mm

General Information	
Cap-Base	GU5.3
Light Technical	
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Luminous
			Temperature (Nom)	Intensity (Nom)
929001240108	Essential LED 5-50W 2700K MR16 24D	24 degree(s)	2700 K	1,700 cd
929001240208	Essential LED 5-50W 6500K MR16 24D	24 degree(s)	6500 K	1,700 cd
929001874008	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	36 degree(s)	3000 K	700 cd
929001874108	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	36 degree(s)	6500 K	700 cd

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Luminous
			Temperature (Nom)	Intensity (Nom)
929001874208	ESS LED MR16 3-35W 36D 830 SO 100-240V	36 degree(s)	3000 K	550 cd
929001874308	ESS LED MR16 3-35W 36D 865 SO 100-240V	36 degree(s)	6500 K	550 cd

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)
929001240108	Essential LED 5-50W 2700K MR16 24D	- Hz	12 V

Order Code	Full Product Name	Input Frequency	Voltage (Nom)
929001240208	Essential LED 5-50W 6500K MR16 24D	- Hz	12 V

Essential LEDspot MR16

Order Code	Full Product Name	Input Frequency	Voltage (Nom)
929001874008	ESS LED MR16 4.5-50W 36D 830 SO	50 to 60 Hz	100-240 V
	100-240V		
929001874108	ESS LED MR16 4.5-50W 36D 865 SO	50 to 60 Hz	100-240 V
	100-240V		

Order Code	Full Product Name	Input Frequency	Voltage (Nom)
929001874208	ESS LED MR16 3-35W 36D 830 SO	50 to 60 Hz	100-240 V
	100-240V		
929001874308	ESS LED MR16 3-35W 36D 865 SO	50 to 60 Hz	100-240 V
	100-240V		

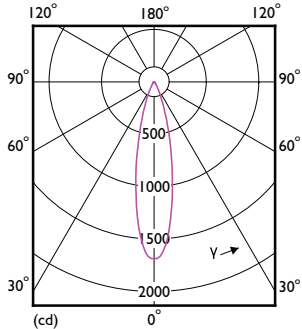
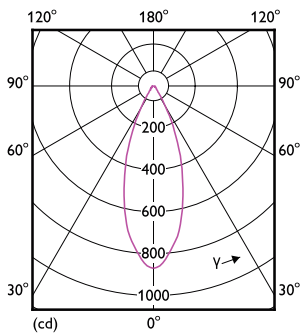
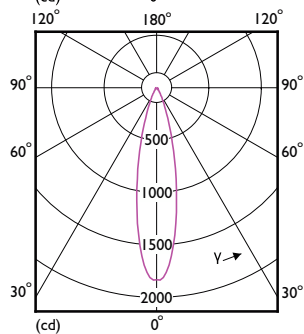
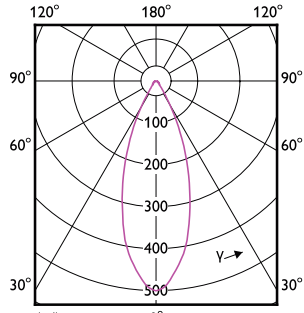
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001240108	Essential LED 5-50W 2700K MR16 24D	76 °C
929001240208	Essential LED 5-50W 6500K MR16 24D	76 °C
929001874008	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	65 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001874108	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	65 °C
929001874208	ESS LED MR16 3-35W 36D 830 SO 100-240V	55 °C
929001874308	ESS LED MR16 3-35W 36D 865 SO 100-240V	55 °C

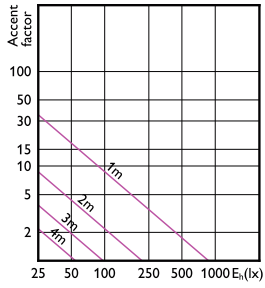
Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001240108	Essential LED 5-50W 2700K MR16 24D	- kWh
929001240208	Essential LED 5-50W 6500K MR16 24D	- kWh
929001874008	ESS LED MR16 4.5-50W 36D 830 SO	4.5 kWh
	100-240V	
929001874108	ESS LED MR16 4.5-50W 36D 865 SO	4.5 kWh
	100-240V	
929001874208	ESS LED MR16 3-35W 36D 830 SO	3 kWh
	100-240V	
929001874308	ESS LED MR16 3-35W 36D 865 SO	3 kWh
	100-240V	

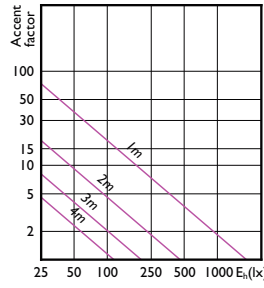


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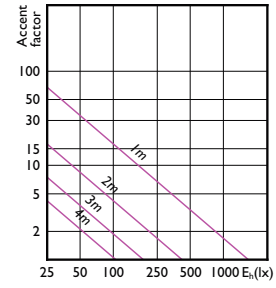
Accent Diagrams



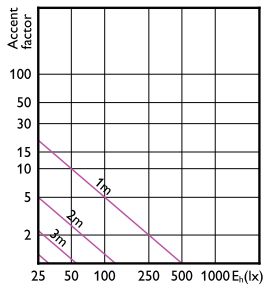
Accent Diagram - ESS LED MR16 4.5-50W 36D
830 SO 100-240V



Accent Diagram - Essential LED 5-50W 6500K
MR16 24D

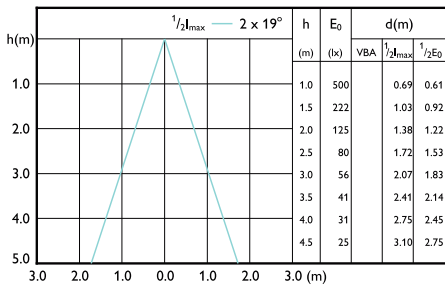


Accent Diagram - Essential LED 5-50W 2700K
MR16 24D

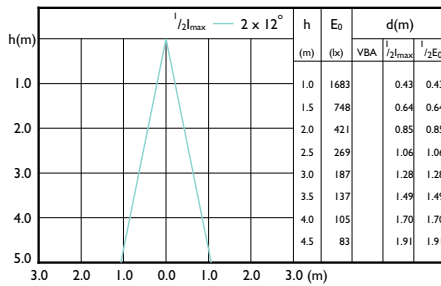


Accent Diagram - ESS LED MR16 3-35W 36D
830 SO 100-240V

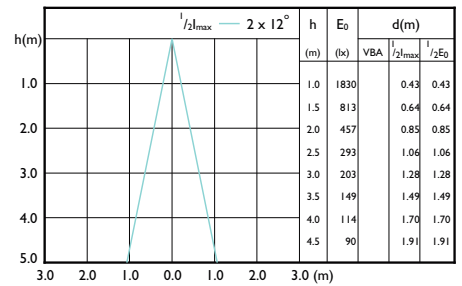
Beam Diagrams



Beam diagram - ESS LED MR16 3-35W 36D 830
SO 100-240V



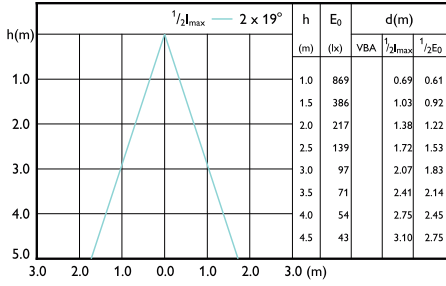
Beam diagram - Essential LED 5-50W 2700K
MR16 24D



Beam diagram - Essential LED 5-50W 6500K
MR16 24D

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Beam Diagrams



Beam diagram - ESS LED MR16 4.5-50W 36D
830 SO 100-240V

