



Essential LEDspot MR16

Essential LED 5-50W 6500K MR16 24D

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.

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Rated Lifetime (Hours)	15,000 hour(s)
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	435 lm
Luminous Intensity (Nom)	1,700 cd
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	87.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

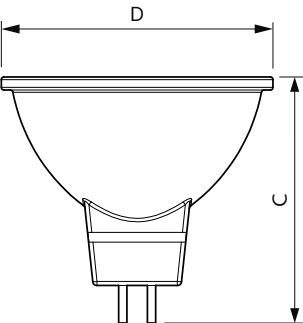
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	5 W
Lamp Current (Nom)	580 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.5
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	76 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

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Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	Essential LED 5-50W 6500K MR16 24D
Full product name	Essential LED 5-50W 6500K MR16 24D
Full product code	871869657957200

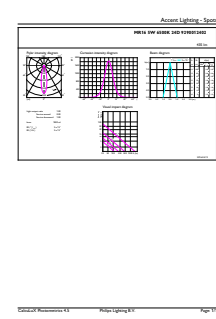
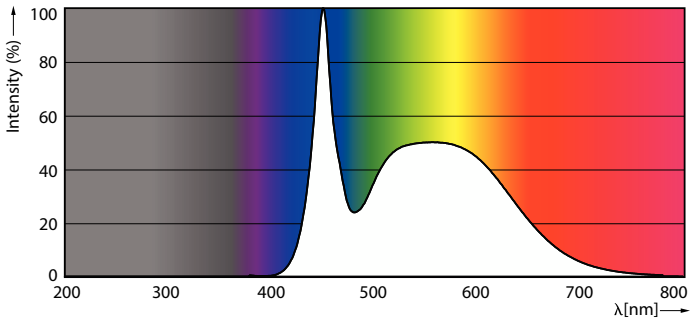
Order code	929001240208
Material Nr. (12NC)	929001240208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696579572
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696579589

Dimensional drawing



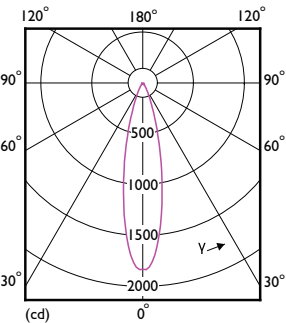
Product	D	C
Essential LED 5-50W 6500K MR16 24D	50 mm	46 mm

Photometric data



Spectral Power Distribution Colour - Essential LED 5-50W 6500K MR16 24D

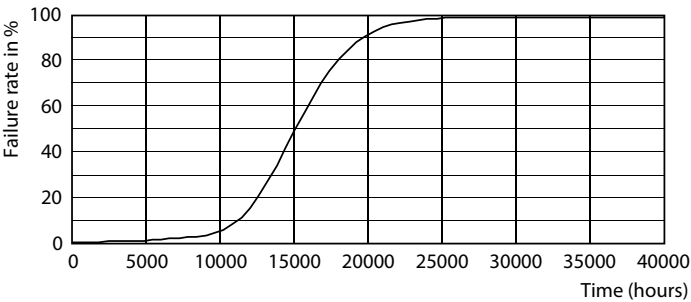
Accent Lighting Spots - Essential LED 5-50W 6500K MR16 24D



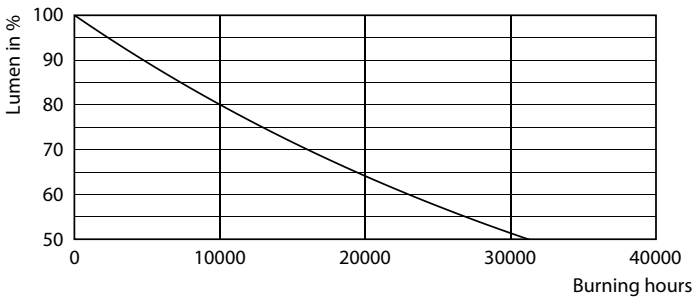
Light Distribution Diagram - Essential LED 5-50W 6500K MR16 24D

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Lifetime



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



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

