Essential LEDspot MR16

Essential LED 5-50W 2700K 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

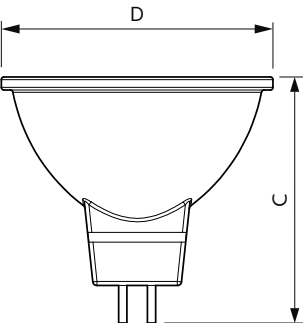|	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	400 lm
Luminous Intensity (Nom)	1,700 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	80.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End 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 ℃

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]

Essential LEDspot MR16

Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	– kWh

Product Data

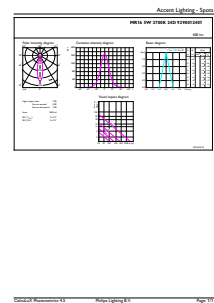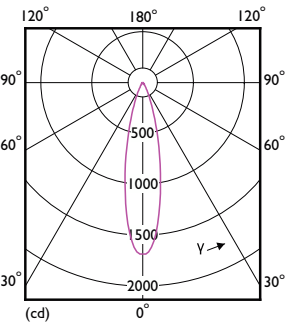|	
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Full product name	Essential LED 5-50W 2700K MR16 24D
Full product code	871869657955800

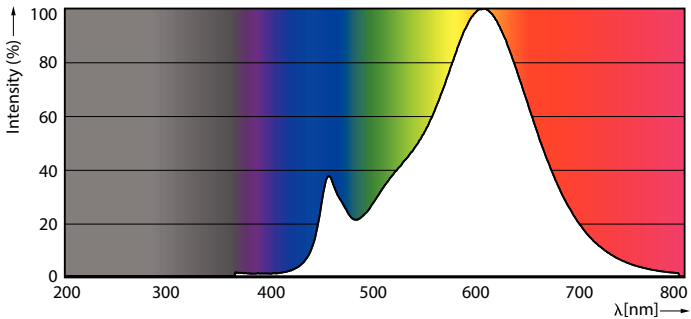|	
Order code	929001240108
Material Nr. (12NC)	929001240108
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696579558
Numerator – Packs per outer box	10
EAN/UPC – Case	8718696579565

Dimensional drawing

Product	D	C
Essential LED 5-50W 2700K MR16 24D	50 mm	46 mm

Photometric data

Light Distribution Diagram – Essential LED 5-50W 2700K MR16 24D

Accent Lighting Spots – Essential LED 5-50W 2700K MR16 24D

Spectral Power Distribution Colour – Essential LED 5-50W 2700K MR16 24D

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Lifetime

Life Expectancy Diagram – Essential LED 5–50W 2700K MR16 24D

Lumen Maintenance Diagram – Essential LED 5–50W 2700K MR16 24D

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2023, August 28 – data subject to change