Essential LED spot MR16

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

LEDspot, MR16, 50 W, GU5.3, 3000 K, 400 lm, 15000 hour(s)

LEDspot, MR16, 50 W, GU5.3, 3000 K, 400 lm, 15000 hour(s), 88.00 lm/W

Product data

General Information	
Cap-Base	GU5.3
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	400 lm
Luminous Intensity (Nom)	700 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	88.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.5 W
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	100-240 V

Temperature	
T-Case Maximum (Nom)	65 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Shape	MR16
Net Weight (Piece)	0.038 kg

Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	4.5 kWh
EU RoHS compliant	Yes

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Ambient temperature range	-20 to +40 °C

Application Conditions

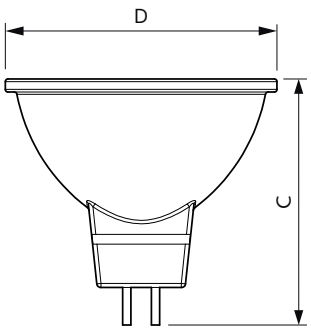
Wireless Technology	Not applicable

Product Data

Order product name	ESS LED MR16 4.5-50W 36D 830 SO 100-240V
Full product name	ESS LED MR16 4.5-50W 36D 830 SO 100-240V

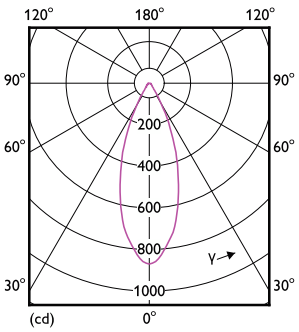
Full product code	871869680919800
Order code	929001874008
Material Nr. (12NC)	929001874008
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696809198
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696809204

Dimensional drawing

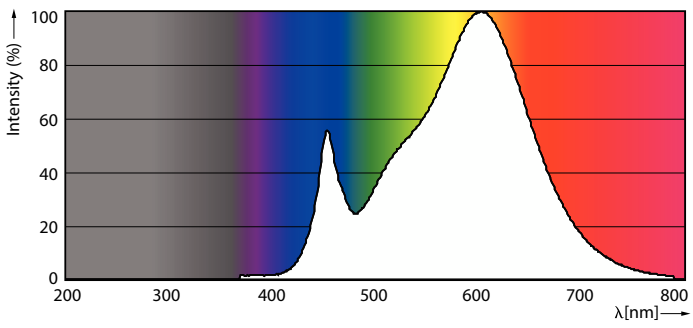


Product	D	C
ESS LED MR16 4.5-50W 36D 830 SO 100-240V	50.5 mm	46.5 mm

Photometric data



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



Spectral Power Distribution Colour - ESS LED MR16 4.5-50W 36D 830 SO 100-240V

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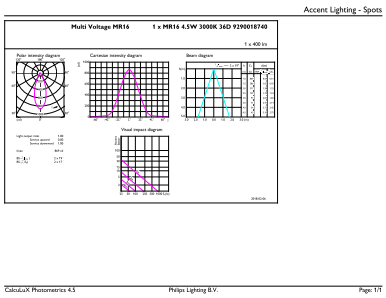
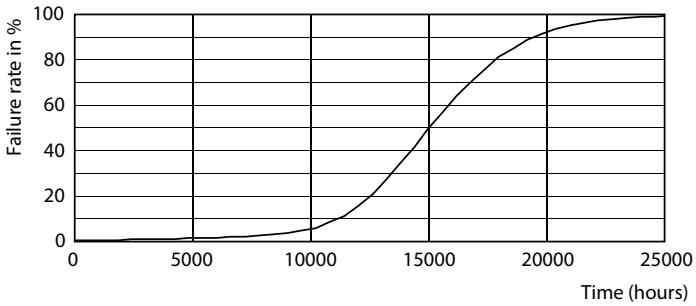
Photometric data

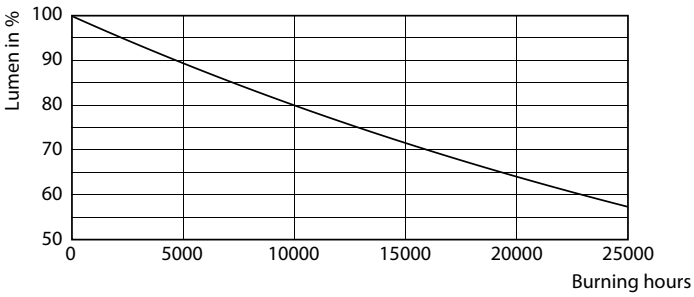


Accent Lighting Spots - ESS LED MR16 4.5-50W 36D 830 SO 100-240V

Lifetime



50W GU5-3 MR16



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

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