Essential LEDspot MR16

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

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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	15000 h
Switching Cycle	50000
Technical Type	4.5-50W

Light technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	36 °
Luminous Flux (Nom)	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 (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical

Input Frequency	50 to 60 Hz

Power (Nom)

Power (Nom)	4.5 W
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.4
Voltage (Nom)	100–240 V

Temperature

T–Case Maximum (Nom)	65 ℃

Controls and dimming

Dimmable	No

Mechanical and housing

Bulb Shape	MR16 [2inch/50mm]

Approval and application

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

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Product data

Full product code	871869681163400
Order product name	ESS LED MR16 4.5-50W 36D 830 SO 100-240V
EAN/UPC – Product	046677535018
Order code	929001874012

Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	10
Material Nr. (12NC)	929001874012
Net Weight (Piece)	0.027 kg

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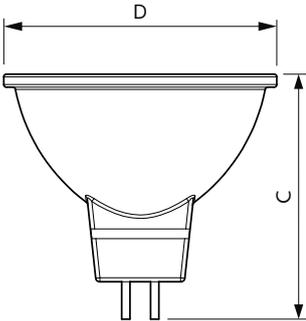
ESS LED MR16 4.5-50W 36D 830 SO 100-240V

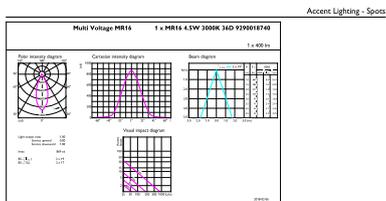| Product	D	C
ESS LED MR16 4.5-50W 36D 830 SO 100-240V	50.5 mm	46.5 mm

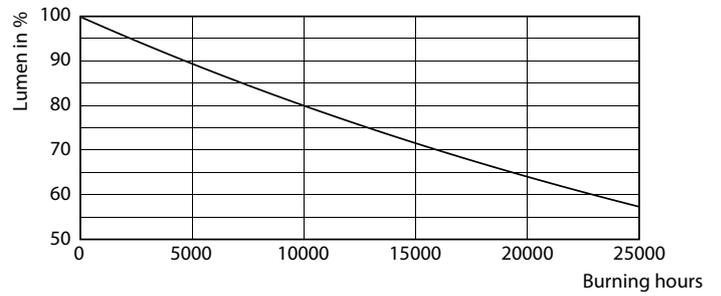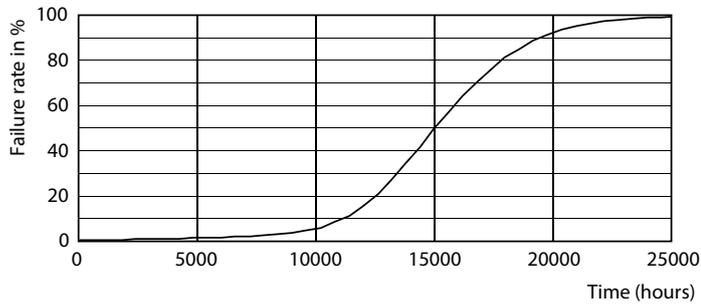## Photometric data
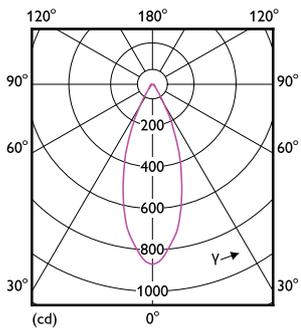
50W GU5-3 MR16 36D 830 3000K
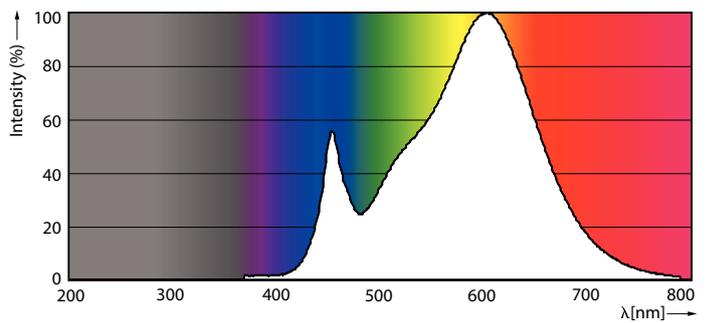
50W GU5-3 MR16

50W GU5-3 MR16 36D 830 3000K

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Lifetime

50W GU5-3 MR16

50W GU5-3 MR16

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2022, August 23 – data subject to change