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 minimise the initial investment.

Product data

General information

Cap base	GU5.3 [GU5.3]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	15000 h
Switching cycle	50000

Light technical

Colour Code	830 [CCT of 3,000 K]
Technical Beam Angle (Nom)	36 °
Lamp Luminous Flux 25°C EL (Nom)	400 lm
Luminous intensity (nom.)	700 cd
Colour Designation	White (WH)
Colour Temperature, horizontal (Nom)	3000 K
Lamp Luminous Efficacy EM (Nom)	88.00 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and electrical

Input frequency	50 to 60 Hz

Power (Rated) (Nom)

Power (Rated) (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 °C

Controls and dimming

Dimmable	No

Mechanical and housing

Bulb shape	MR16 [2inch/50mm]

Approval and application

Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4.5 kWh

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Product data

Full product code	871869680919800
Order product name	ESS LED MR16 4.5-50W 36D 830 SO 100-240V
EAN/UPC – product	8718696809198
Order code	929001874008
SAP numerator – quantity per pack	1

Numerator – packs per outer box	10
SAP material	929001874008
Net Weight (Piece)	0.038 kg

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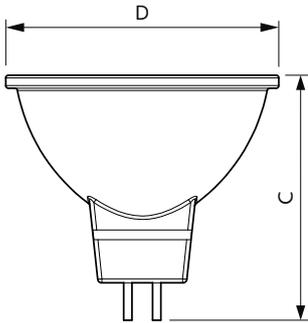
ESS LED MR16 4.5-50W 36D 830 SO 100-240V

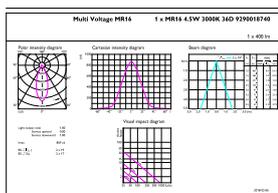| Product	D	C
ESS LED MR16 4.5-50W 36D 830 SO 100-240V	50.5 mm	46.5 mm

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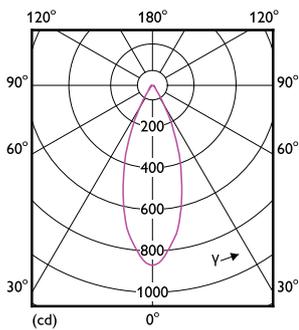
50W GU5-3 MR16 36D 830 3000K
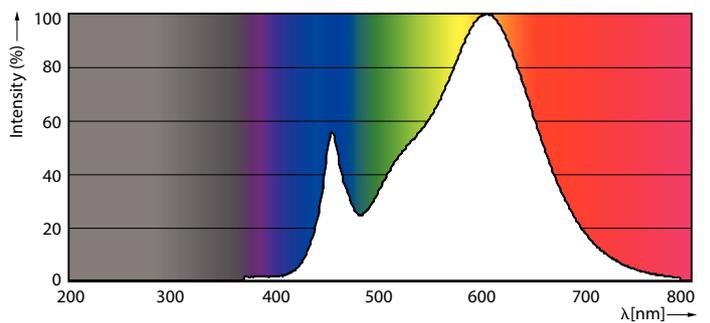
50W GU5-3 MR16

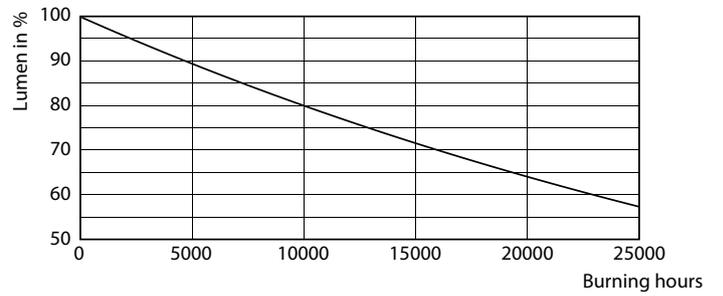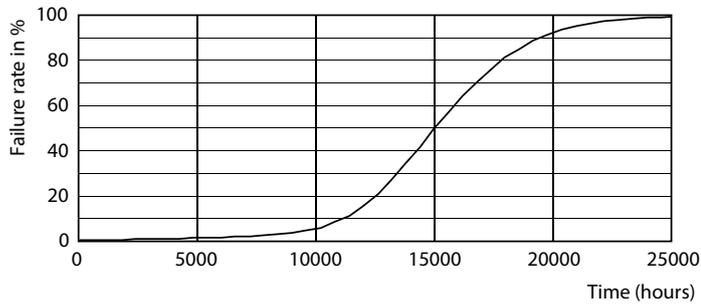50W GU5-3 MR16 36D 830 3000K

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Lifetime

50W GU5-3 MR16

50W GU5-3 MR16

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2022, December 8 – data subject to change