



Essential LEDspot MR16

ESS LED MR16 4.5-50W 36D 865 100-240V

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]
Nominal lifetime (nom.)	15000 h
Switching cycle	50000X
Technical type	4.5-50W

Light Technical	
Colour code	865 [CCT of 6,500 K]
Beam Angle (Nom)	36 °
Luminous flux (nom.)	400 lm
Luminous flux (rated) (nom.)	400 lm
Luminous intensity (nom.)	750 cd
Colour designation	Cool Daylight
Rated beam angle	36 °
Correlated colour temperature (nom.)	6500 K
Luminous efficacy (rated) (nom.)	88.89 lm/W
Colour 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 (Rated) (Nom)	4.5 W
Lamp current (nom.)	80 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	1 s
Power factor (nom.)	0.4
Voltage (Nom)	100-240 V

Temperature	
T-Case maximum (nom.)	90 °C

Controls and Dimming	
Dimmable	No

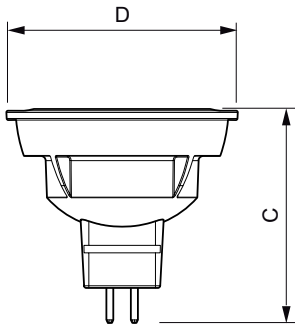
Approval and Application	
Energy efficiency label (EEL)	A++
Suitable for accent lighting	Yes

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Energy Consumption kWh/1000 h	5 kWh
Product Data	
Full product code	871869668572300
Order product name	ESS LED MR16 4.5-50W 36D 865 100-240V
EAN/UPC – product	8718696685723
Order code	68572300

Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001274808
Net weight (piece)	0.045 kg

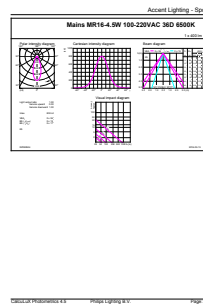
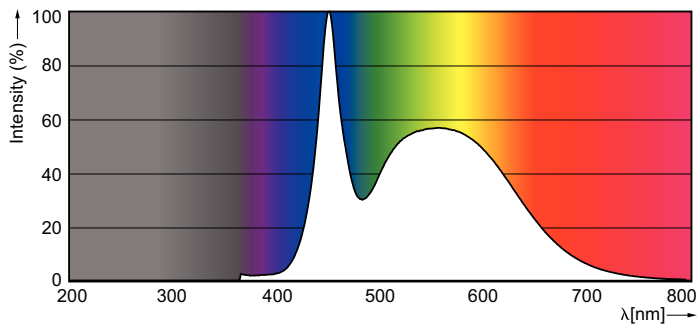
Dimensional drawing



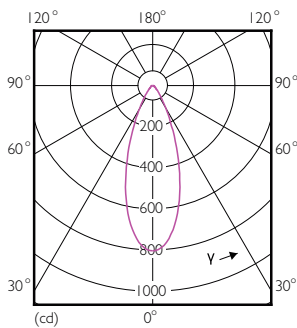
MR16 100-240V 5-35W 400lm 6500K GU5.3 ND

Product	D	C
ESS LED MR16 4.5-50W 36D 865 100-240V	51 mm	49 mm

Photometric data



ESS LED 4.5-50W MR16 GU5.3 865 400lm 36D 100-240V



LEDspot Master 50W G5.3 MR16 865 36D

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Lifetime

