



# Essential LEDspot MR16

## ESS LED MR16 3-35W 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	3-35W
Light Technical	
Colour code	865 [ CCT of 6,500 K]
Beam Angle (Nom)	36 °
Luminous flux (nom.)	230 lm
Luminous flux (rated) (nom.)	230 lm
Luminous intensity (nom.)	380 cd
Colour designation	Cool Daylight
Rated beam angle	36 °
Correlated colour temperature (nom.)	6500 K
Luminous efficacy (rated) (nom.)	76.67 lm/W
Colour consistency	<6
Color rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %

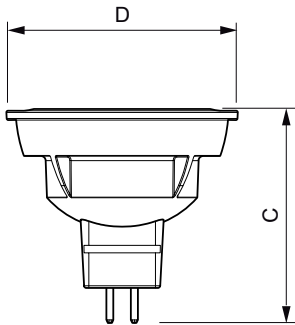
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	3 W
Lamp current (nom.)	55 mA
Wattage equivalent	35 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	1 s
Power factor (nom.)	0.4
Voltage (Nom)	100-240 V
Temperature	
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	No
Approval and Application	
Energy efficiency label (EEL)	A++
Suitable for accent lighting	Yes

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Energy Consumption kWh/1000 h	3 kWh
<b>Product Data</b>	
Full product code	871869668568600
Order product name	ESS LED MR16 3-35W 36D 865 100-240V
EAN/UPC – product	8718696685686
Order code	68568600

Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001274608
Net weight (piece)	0.045 kg

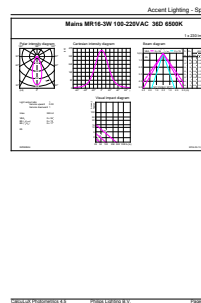
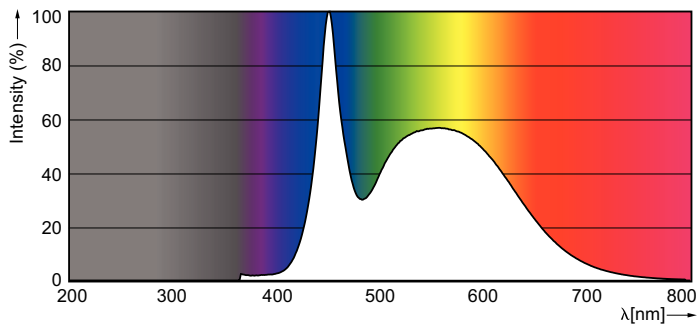
## Dimensional drawing



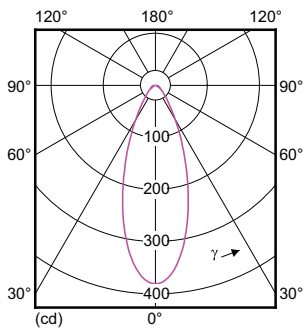
MR16 100-240V 3-20W 240lm 6500K GU5.3 ND

Product	D	C
ESS LED MR16 3-35W 36D 865 100-240V	51 mm	49 mm

## Photometric data



ESS LED 3-35W MR16 GU5.3 865 230lm 36D 100-240V



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## Lifetime

