



# Essential LEDspot MR16

## ESS LEDspot 5W 400lm GU5.3 827 220V

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
Nominal lifetime	10,000 hour(s)
Switching Cycle	50,000
Rated Lifetime (Hours)	10,000 hour(s)
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	727 [CCT of 2700K]
Color Code	727 [CCT of 2700K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	400 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	80.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1

Stroboscopic effect visibility measure (SVM)	0.9
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	5 W
Lamp Current (Nom)	42 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220 V
Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No

Essential LEDspot MR16

Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	MR16

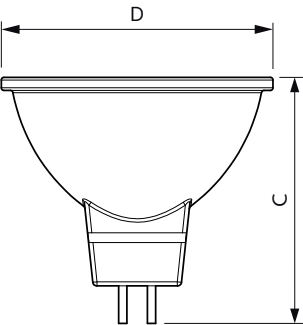
Approval and Application	
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	5 kWh
EyeComfort	Yes

Application Conditions	
can it be used in closed luminaires	No

Product Data	
Order product name	ESS LEDspot 5W 400lm GU5.3 827 220V

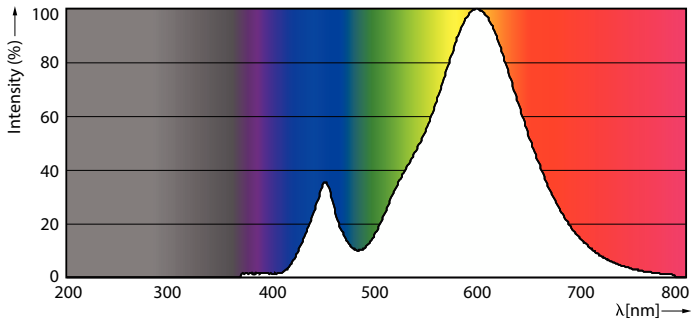
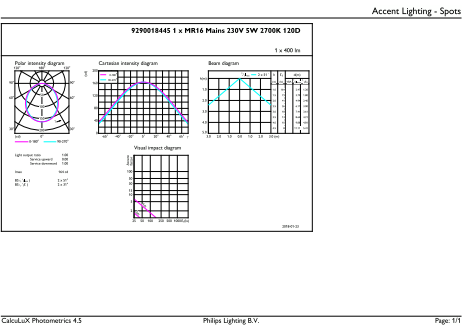
Full product name	ESS LEDspot 5W 400lm GU5.3 827 220V
Full product code	871951430239600
Order code	929001844587
Material Nr. (12NC)	929001844587
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514302396
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514302402

Dimensional drawing



Product	D	C
ESS LEDspot 5W 400lm GU5.3 827 220V	50.5 mm	46.5 mm

Photometric data

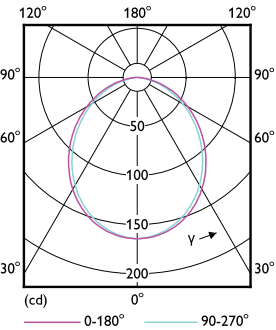


Accent Lighting Spots - ESS LEDspot 5W 400lm GU5.3 827 220V

Spectral Power Distribution Colour - ESS LEDspot 5W 400lm GU5.3 827 220V

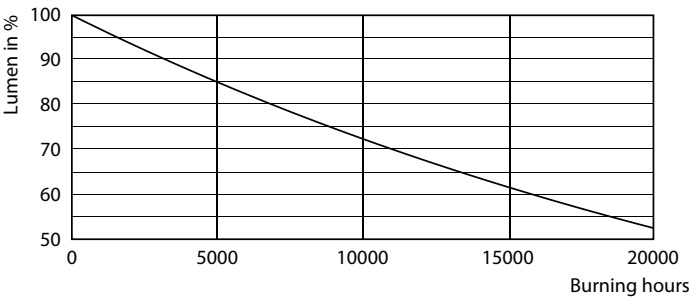
# Essential LEDspot MR16

## Photometric data

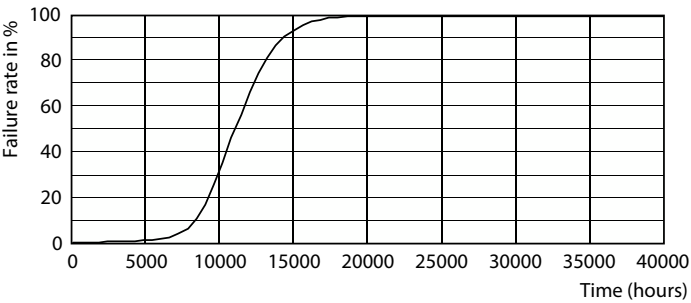


Light Distribution Diagram - ESS LEDspot 5W 400lm GU5.3 827 220V

## Lifetime



Lumen Maintenance Diagram - ESS LEDspot 5W 400lm GU5.3 827 220V



Life Expectancy Diagram - ESS LEDspot 5W 400lm GU5.3 827 220V

