PHILIPS

Lighting



Essential LEDspot MR16

LED spot 3-35W 120D 4000K 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 [GU5.3]
Nominal lifetime	10,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	740 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	240 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 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 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	3 W
Lamp Current (Nom)	30 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.45
Voltage (Nom)	220 V

Temperature	
T-Case Maximum (Nom)	70 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

Approval and Application	
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	3 kWh

Essential LEDspot MR16

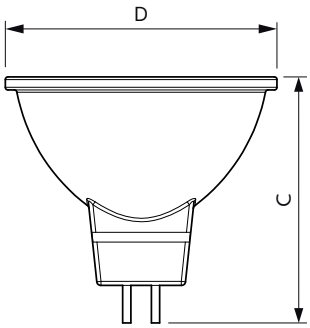
EyeComfort	Yes

Material Nr. (12NC)	929001844908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696793220
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696793237

Product Data

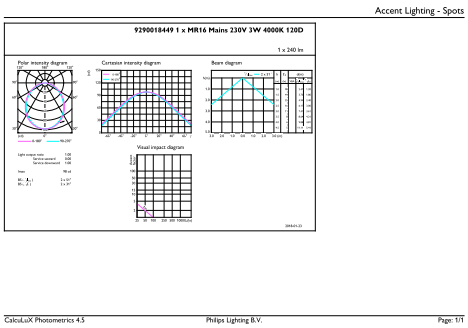
Order product name	LED spot 3-35W 120D 4000K 220V
Full product name	LED spot 3-35W 120D 4000K 220V
Full product code	871869679322000
Order code	929001844908

Dimensional drawing

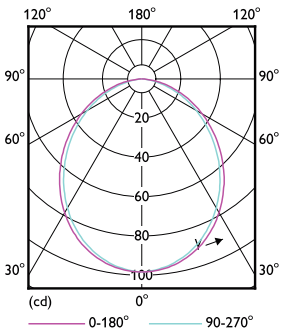


Product	D	C
LED spot 3-35W 120D 4000K 220V	50.5 mm	46.5 mm

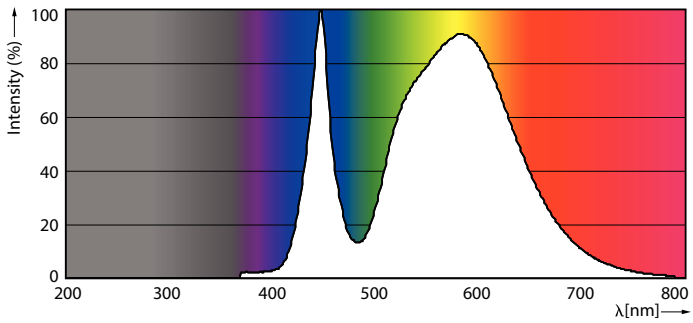
Photometric data



Accent Lighting Spots - LED spot 3-35W 120D 4000K 220V



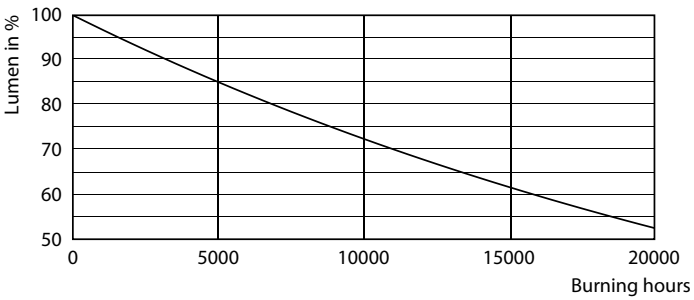
Light Distribution Diagram - LED spot 3-35W 120D 4000K 220V



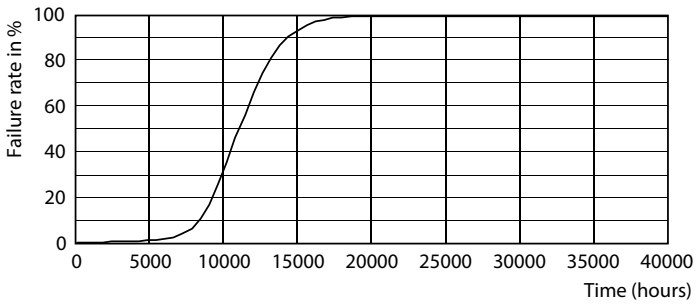
Spectral Power Distribution Colour - LED spot 3-35W 120D 4000K 220V

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Lifetime



Lumen Maintenance Diagram - LED spot 3-35W 120D 4000K 220V



Life Expectancy Diagram - LED spot 3-35W 120D 4000K 220V

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