LED MR16

7MR16/LED/827/F25/DIM 12V 10/1FB

Philips LED MR-16 lamps with single optic technology provide the look and color quality of traditional halogens while using a fraction of the energy. A perfect fit for spot lighting, they are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots.
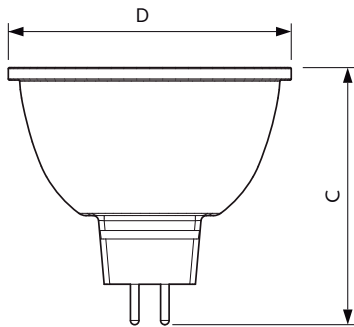
Product data

General Information

Cap-Base	GU5.3 [GU5.3]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X

Light Technical

Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	25 °
Luminous Flux (Nom)	515 lm
Luminous Intensity (Nom)	2400 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	73.00 lm/W
Color Consistency	<4
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Input Frequency	– Hz
Power (Rated) (Nom)	7 W
Lamp Current (Nom)	650 mA

General Information

Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	ac electronic 12 V

Temperature

T-Case Maximum (Nom)	90 ℃

Controls and Dimming

Dimmable	Only with specific dimmers

Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]

Approval and Application

Suitable For Accent Lighting	Yes

Product Data

Order product name	7MR16/LED/827/F25/DIM 12V 10/1FB
EAN/UPC – Product	046677573867
Order code	573865

LED MR16

Numerator – Quantity Per Pack	1	**Net Weight (Piece)**	0.060 kg
Numerator – Packs per outer box	10		
Material Nr. (12NC)	929003076204		

Dimensional drawing

MR16 12V 7.3-50W 515lm 25D 2700K GU5.3 D

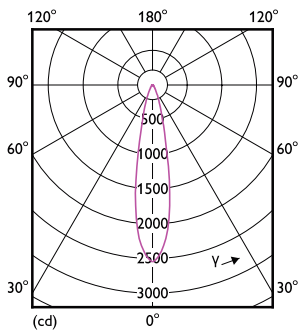| Product	D	C
7MR16/LED/827/F25/DIM 12V 10/1FB	50 mm	46.5 mm

Photometric data
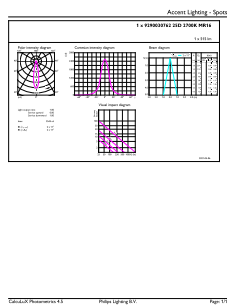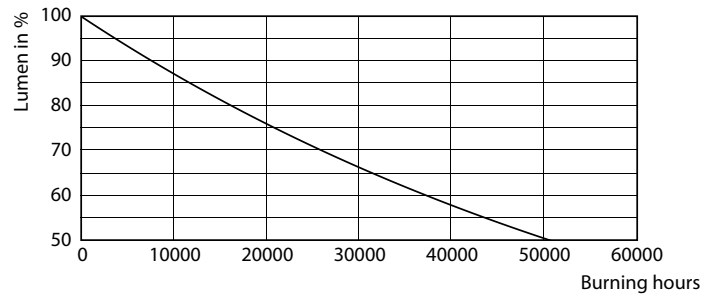

LEDspots DIM IC 7W MR16 GU5,3 827 25D-ADL
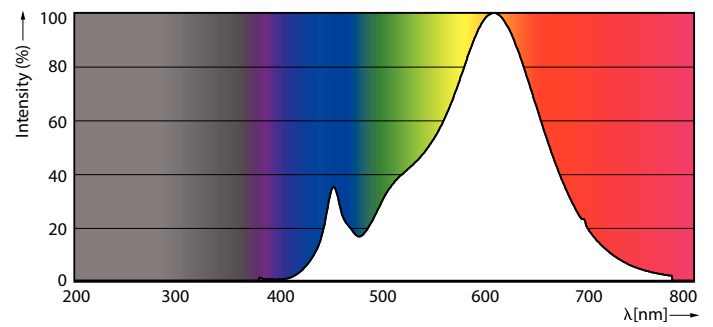
LEDspots DIM IC 7W MR16 GU5,3 827 25D-POC

LEDspots DIM IC 7W MR16 GU5,3 827 25D-LDD

LED MR16

Lifetime

LEDspots LED 25K

LEDspots LMP 25K

www.lighting.philips.com

2021, September 8 – data subject to change