



LED MR16

7MR16 ExpertColor F35 927 D 10/1

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

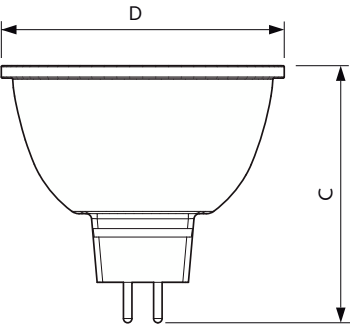
General Information		Wattage Equivalent	
Cap-Base	GU5.3 [GU5.3]	42 W	
Nominal lifetime	40,000 hour(s)	Starting Time (Nom)	
Switching Cycle	50,000	0.5 s	
Lighting Technology	LED	Warm-up time to 60% light	
EU RoHS compliant	Yes	0.5 s	
Light Technical		Power Factor (Fraction)	
Color Code	927	0.7	
Beam Angle (Nom)	35 degree(s)	Voltage (Nom)	
Luminous Flux	430 lm	12 V	
Luminous Intensity (Nom)	1,300 cd	Temperature	
Color Designation	Warm White (WW)	T-Case Maximum (Nom)	
Correlated Color Temperature (Nom)	2700 K	92 °C	
Luminous Efficacy (rated) (Nom)	61.43 lm/W	Controls and Dimming	
Color Consistency	<3	Dimmable	
Color rendering index (CRI)	95	Yes	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Operating and Electrical		Bulb Shape	
Power Consumption	7 W	MR16 [2inch/50mm]	
Lamp Current (Nom)	800 mA	Approval and Application	
		Suitable For Accent Lighting	
		Yes	
		Product Data	
		Order product name	
		7MR16 ExpertColor F35 927 D 10/1	
		Full product name	
		7MR16 ExpertColor F35 927 D 10/1	
		Order code	
		470195	

LED MR16

Material Nr. (12NC)	929001342304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677470197
Numerator - Packs per outer box	10

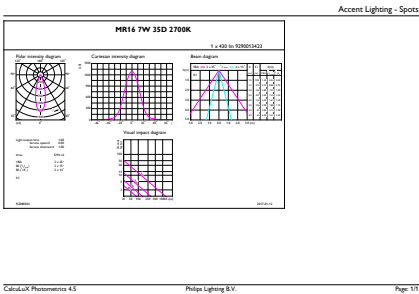
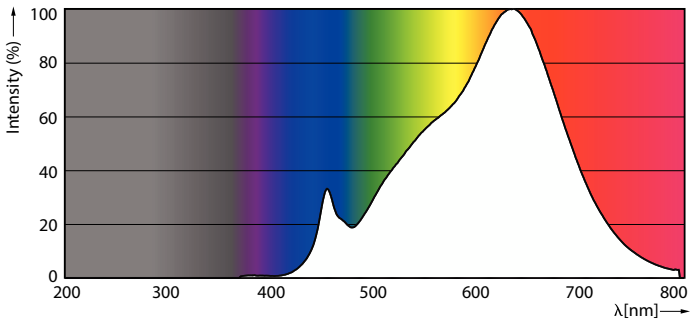
EAN/UPC - Case	50046677470192
----------------	----------------

Dimensional drawing



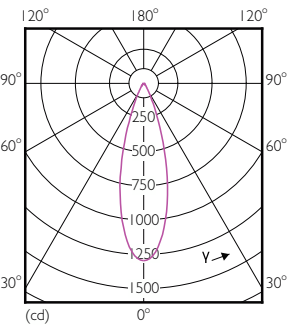
Product	D	C
7MR16 ExpertColor F35 927 D 10/1	51 mm	46 mm

Photometric data



Spectral Power Distribution Colour - 7MR16 ExpertColor F35 927 D 10/1

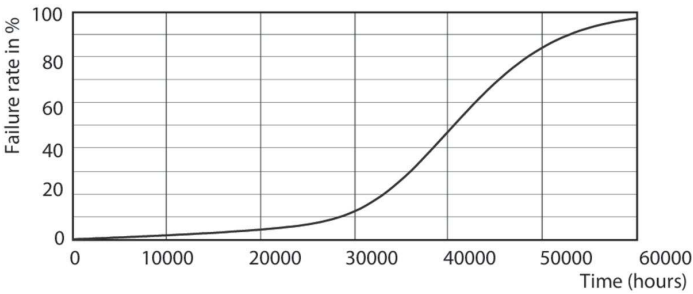
Accent Lighting Spots - 7MR16 ExpertColor F35 927 D 10/1



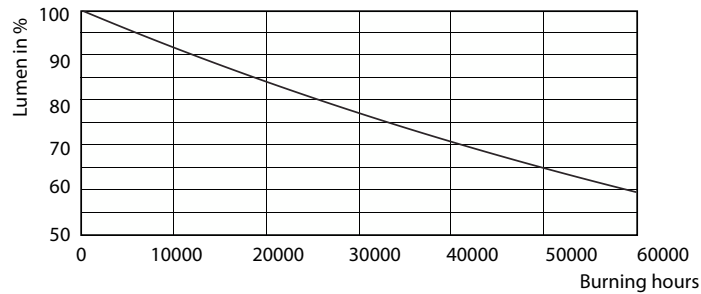
Light Distribution Diagram - 7MR16 ExpertColor F35 927 D 10/1

LED MR16

Lifetime



Life Expectancy Diagram - 7MR16 ExpertColor F35 927 D 10/1



Lumen Maintenance Diagram - 7MR16 ExpertColor F35 927 D 10/1

