



MR16/GU10/PAR16

7MR16 ExpertColor S10 927 D 10/1

Philips MR16 Dimmable LED Lamps provide ambient level light to illuminate hard to maintain applications. Increased transformer compatability allows for operation on a wider range of transformers. Available in dimmable and non-dimmable versions, these lamps are ideal for track and open recessed fixtures in retail, hospitality and residential spaces.

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	927
Beam Angle (Nom)	10 degree(s)
Luminous Flux	430 lm
Luminous Intensity (Nom)	4,600 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	61.43 lm/W
Color Consistency	<3
Color rendering index (CRI)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Power Consumption	7 W
Lamp Current (Nom)	800 mA

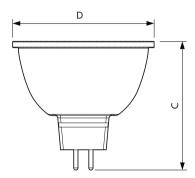
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.7	
Voltage (Nom)	12 V	
Temperature		
T-Case Maximum (Nom)	92 ℃	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb Shape	MR16 [2inch/50mm]	
Approval and Application		
Suitable For Accent Lighting	Yes	
Product Data		
Order product name	7MR16 ExpertColor S10 927 D 10/1	
Full product name	7MR16 ExpertColor S10 927 D 10/1	
Order code	929001341704	
Material Nr. (12NC)	929001341704	

Datasheet, 2023, December 6 data subject to change

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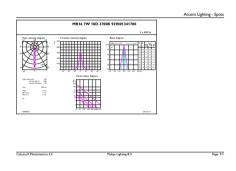
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677470135
Numerator - Packs per outer box	10

Dimensional drawing



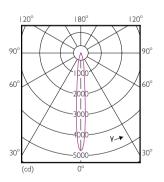
Product	D	С
7MR16 ExpertColor S10 927 D 10/1	51 mm	46 mm

Photometric data



Spectral Power Distribution Colour - 7MR16 ExpertColor S10 927 D 10/1

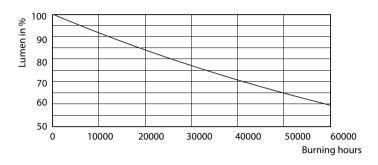
Accent Lighting Spots - 7MR16 ExpertColor S10 927 D 10/1



Light Distribution Diagram - 7MR16 ExpertColor S10 927 D 10/1

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Lifetime



Life Expectancy Diagram - 7MR16 ExpertColor S10 927 D 10/1

Lumen Maintenance Diagram - 7MR16 ExpertColor S10 927 D 10/1



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