



# MASTER LEDspot ExpertColor LV

# MASTER MR16 ExpertColor6.7-50W 927 36D EZ10

MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates such an ambience with superior lighting that has a customized spectrum, high CRI, and deep dimming feature. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot MV and LEDspot Par lamps.

#### **Product data**

General information		
Cap-Base	EZ10 [ EZ10]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	40000 h	
Switching Cycle	50000X	
Light technical		
Color Code	927 [ CCT of 2700K]	
Beam Angle (Nom)	36°	
Luminous Flux (Nom)	450 lm	
Luminous Intensity (Nom)	1350 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	67.00 lm/W	
Color Consistency	<3	
Color Rendering Index (Nom)	97	
LLMF At End Of Nominal Lifetime (Nom) 70 %		

Operating and electrical		
Input Frequency	- Hz	
Power (Nom)	6.7 W	
Lamp Current (Nom)	650 mA	
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)	92 ℃	
Controls and dimming		
Dimmable	Only with specific dimmers	

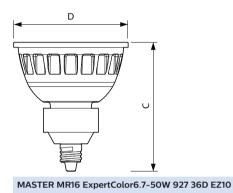
Datasheet, 2022, February 2 data subject to change

# **MASTER LEDspot ExpertColor LV**

Mechanical and housing		
Bulb Shape	MR16 [ 2inch/50mm]	
Approval and application		
Suitable For Accent Lighting	Yes	
Product data		
Full product code	871951435697900	
Order product name	MASTER MR16 ExpertColor6.7-50W 927 36D EZ10	

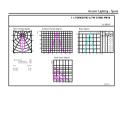
EAN/UPC - Product	8719514356979
Order code	929003078218
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003078218
Net Weight (Piece)	0.062 kg

### Dimensional drawing



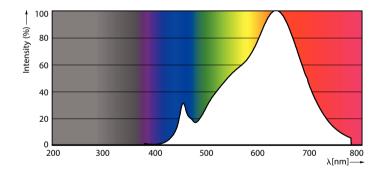
Product	D	С
MASTER MR16 ExpertColor6.7-50W 927 36D EZ10	50.5 mm	57 mm

#### Photometric data



Cilculus Photometrics 4.5 Philips Lighting 6.V. Page: UT

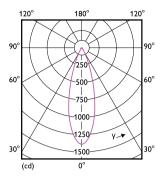
LEDspots GMGC 1 6,7W MR16 EZ10 927 36D-ADL



LEDspots MAS IC 6,7W MR16 GU5,3 927 60D-POC

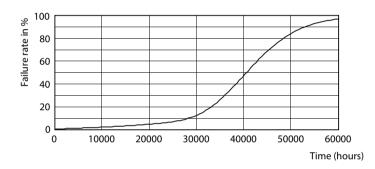
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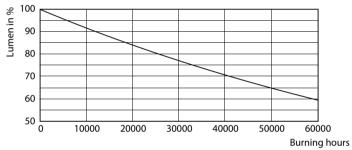
#### Photometric data



LEDspots GMGC 1 6,7W MR16 GU5,3 927 36D-LDD

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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