PHILIPS Lighting



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MASTER LEDspot ExpertColor LV

MASTER LED ExpertColor 7.5-43W MR16 927 36D

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 customised 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 lamps.

Product data

General Information		
Cap base	GU5.3 [GU5.3]	
EU RoHS compliant	Yes	
Nominal lifetime (nom.)	40000 h	
Switching cycle	50,000X	
	Narrow Cone	
Light Technical		
Colour Code	927 [CCT of 2,700 K]	
Beam Angle (Nom)	36 °	
Luminous flux (nom.)	485 lm	
Luminous intensity (nom.)	1400 cd	
Colour designation	Warm white (WW)	
Correlated Colour Temperature (Nom)	2700 K	
Luminous efficacy (rated) (nom.)	64.00 lm/W	
Colour consistency	<3	
Colour rendering index (nom.)	92	
LLMF at end of nominal lifetime (nom.) 70 %		

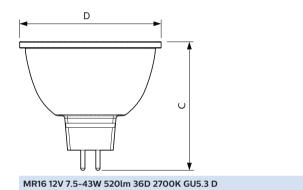
Luminous flux in 90° cone (rated) 485 lm Operating and Electrical Input frequency Input frequency - Hz Power (Rated) (Nom) 7.5 W Lamp current (nom.) 720 mA Wattage equivalent 43 W Starting time (nom.) 0.5 s Power factor (nom.) 0.5 s Power factor (nom.) 0.7 Voltage (Nom) ac electronic 12 V Temperature 93 °C Controls and Dimming Only with specific dimmers			
Input frequency - Hz Power (Rated) (Nom) 7.5 W Lamp current (nom.) 720 mA Wattage equivalent 43 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.) 93 °C Controls and Dimming	Luminous flux in 90° cone (rated) 485 lm		
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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.) 93 °C Controls and Dimming	Wattage equivalent	43 W	
Power factor (nom.) 0.7 Voltage (Nom) ac electronic 12 V Temperature T-Case maximum (nom.) 93 °C	Starting time (nom.)	0.5 s	
Voltage (Nom) ac electronic 12 V Temperature T-Case maximum (nom.) 93 °C Controls and Dimming	Warm-up time to 60% light (nom.)	0.5 s	
Temperature T-Case maximum (nom.) 93 °C Controls and Dimming	Power factor (nom.)	0.7	
T-Case maximum (nom.) 93 °C Controls and Dimming	Voltage (Nom)	ac electronic 12 V	
T-Case maximum (nom.) 93 °C Controls and Dimming			
Controls and Dimming	Temperature		
-	T-Case maximum (nom.)	93 °C	
-			
Dimmable Only with specific dimmers	Controls and Dimming		
	Dimmable	Only with specific dimmers	

MASTER LEDspot ExpertColor LV

Mechanical and Housing		
Bulb shape	MR16 [2inch/50mm]	
Approval and Application		
Energy Efficiency Class	G	
Suitable for accent lighting	Yes	
Energy consumption kWh/1,000 hours	8 kWh	
	624206	
Product Data		
Full product code	871951435871300	

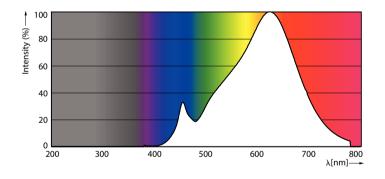
Order product name MASTER LED ExpertColor 7.5-43W N		
	36D	
EAN/UPC – product	8719514358713	
Order code	35871300	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	10	
SAP material	929003080002	
SAP net weight (piece)	0.052 kg	

Dimensional drawing



Product	D C
MASTER LED ExpertColor 7.5-43W MR16 927 36D	50.5 mm 46 mr

Photometric data



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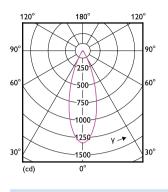
Spectral Power Distribution Colour

LEDspots MAS IC 7,5W MR16 GU5,3 927 36D-ADL

Accent Lighting - Spots

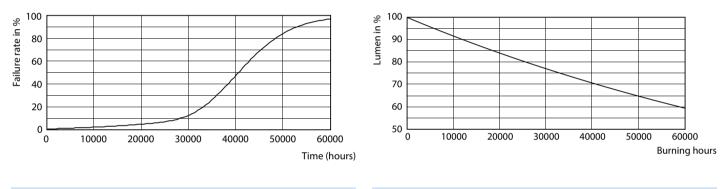
MASTER LEDspot ExpertColor LV

Photometric data



LEDspots MAS IC 7,5W MR16 GU5,3 927 36D-LDD

Lifetime



LEDspots LED 40K

LEDspots LMP 40K



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