# **PHILIPS** Lighting



## MASTER LEDspot ExpertColor LV

### MASTER LED ExpertColor 7.5-43W MR16 927 24D

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]	
Nominal lifetime	40,000 h	
Switching Cycle	50,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Colour Code	927	
Beam angle (nom.)	24 degree(s)	
Luminous Flux	485 lm	
Luminous intensity (nom.)	2,400 cd	
Colour designation	Warm White (WW)	
Correlated Colour Temperature	2700 K	
Luminous efficacy (rated) (nom.)	64.67 lm/W	
Colour consistency	<3	
Colour rendering index (CRI)	92	
LLMF at end of nominal lifetime (nom.) 70 %		

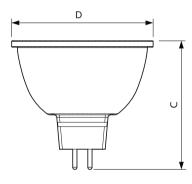
Luminous flux in 90° cone (rated)	485 lm
Operating and Electrical	
Line Frequency	- Hz
Input frequency	- Hz
Power Consumption	7.5 W
Lamp current (nom.)	880 mA
Wattage equivalent	43 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (nom.)	ac electronic 12 V
Temperature	
T-Case maximum (nom.)	93 ℃

#### MASTER LEDspot ExpertColor LV

Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	MR16 [2 inch/50 mm]
Approval and Application	
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	9 kWh
EyeComfort	Yes
Product Data	
Order product name	MAS LED ExpertColor 7.5-43W MR16 927 24D

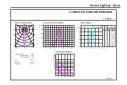
Full product name	MASTER LED ExpertColor 7.5-43W MR16 927	
	24D	
Full EOC	871869673538100	
Order code	73538100	
Material no. (12 NC)	929001386002	
SAP numerator – quantity per pack	1	
EAN/UPC - Product/Case	8718696735381	
Numerator – packs per outer box	10	
EAN/UPC - Case	8718696735398	

#### Dimensional drawing



Product	D	с
MAS LED ExpertColor 7.5-43W MR16 927 24D	50.5 mm	46 mm

#### Photometric data



Philps Lighting B.Y

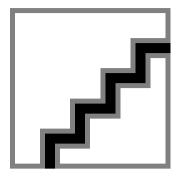
120° 180° 120° 90 οG 60 60° 000 | | 500 | 2000 150 γ\_**γ** 30 3000 30 (cd)

Accent Lighting Spots - MAS LED ExpertColor 7.5-43W MR16 927 24D

Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 927 24D

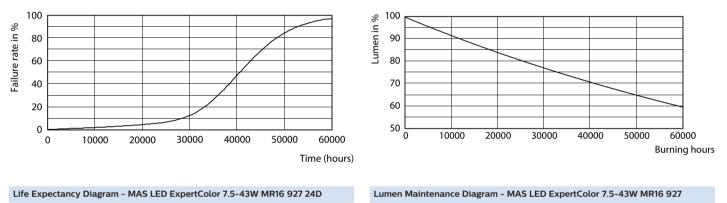
#### MASTER LEDspot ExpertColor LV

#### Photometric data



Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 927 24D

#### Lifetime



24D



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