# **PHILIPS** Lighting



## MASTER LEDspot ExpertColor LV

### MASTER LED ExpertColor 6.5-35W 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]			
Nominal lifetime	40,000 h			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Colour Code	927			
Beam angle (nom.)	36 degree(s)			
Luminous Flux	420 lm			
Luminous intensity (nom.)	1,300 cd			
Colour designation	Warm White (WW)			
Correlated Colour Temperature	2700 K			
Luminous efficacy (rated) (nom.)	64.62 lm/W			
Colour consistency	<3			
Colour rendering index (CRI)	97			
LLMF at end of nominal lifetime (nom.) 70 %				

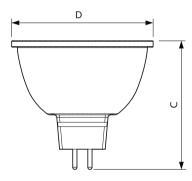
Luminous flux in 90° cone (rated)	420 lm
Operating and Electrical	
Line Frequency	- Hz
Input frequency	- Hz
Power Consumption	6.5 W
Lamp current (nom.)	800 mA
Wattage equivalent	35 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (nom.)	ac electronic 12 V
Temperature	
T-Case maximum (nom.)	90 °C

#### 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	8 kWh
EyeComfort	Yes
Product Data	
Order product name	MAS LED ExpertColor 6.5-35W MR16 927 36D

Full product name	MASTER LED ExpertColor 6.5-35W MR16 927	
	36D	
Full EOC	871869673883200	
Order code	73883200	
Material no. (12 NC)	929001342302	
SAP numerator - quantity per pack	1	
EAN/UPC — Product/Case	8718696738832	
Numerator – packs per outer box	10	
EAN/UPC - Case	8718696738849	

#### Dimensional drawing

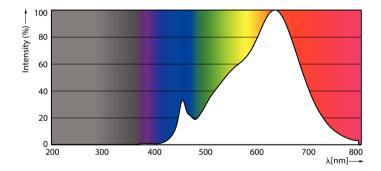


MAS LED ExpertColor 6.5-35W MR16 927 36D	51 mm	46 mm

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#### Photometric data



			Accent Lighting - Spots
	MR16 7W 35D 2	700K	
		1 x 430 in 9290013423	
	1		
Approxystation 100   Bases space 4 000   Bases space 4 000   Non 000 4   Non 000 4		8040	

Lighting B

Spectral Power Distribution Colour - MAS LED ExpertColor 6.5-35W MR16 927 36D Accent Lighting Spots - MAS LED ExpertColor 6.5-35W MR16 927 36D

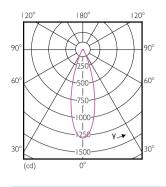
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Calcul

Product

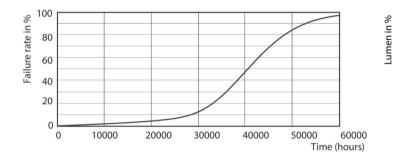
#### MASTER LEDspot ExpertColor LV

#### Photometric data



Light Distribution Diagram - MAS LED ExpertColor 6.5-35W MR16 927 36D

#### Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 6.5-35W MR16 927 36D

Lumen Maintenance Diagram - MAS LED ExpertColor 6.5-35W MR16 927 36D

30000

40000

50000

60000

**Burning hours** 

20000



100

90

80

70

60

50

0

10000

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