# **PHILIPS** Lighting



# MASTER LEDspot ExpertColor LV

# MASTER LED ExpertColor 6.5-35W MR16 930 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 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	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	930 [CCT of 3000K]	
Beam Angle (Nom)	36 degree(s)	
Luminous Flux	440 lm	
Luminous Intensity (Nom)	1,400 cd	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	67.69 lm/W	
Color Consistency	<3	
Color rendering index (CRI)	97	
LLMF At End Of Nominal Lifetime (Nom) 70 %		

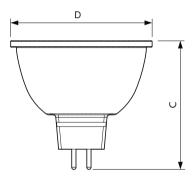
Luminous Flux in 90° Cone (Rated)	440 lm
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	6.5 W
Lamp Current (Nom)	800 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	90 °C

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Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb Shape	MR16 [2inch/50mm]	
Approval and Application		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	8 kWh	
EyeComfort	Yes	
Product Data		
Order product name	MAS LED ExpertColor 6.5-35W MR16 930 36D	

Full product name	MASTER LED ExpertColor 6.5-35W MR16 930	
	36D	
Full product code	871869673885600	
Order code	73885600	
Material Nr. (12NC)	929001342402	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696738856	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696738863	

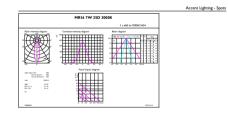
### Dimensional drawing



Product	D	с
MAS LED ExpertColor 6.5-35W MR16 930 36D	51 mm	46 mm

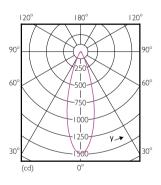
#### Photometric data

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Accent Lighting Spots - MAS LED ExpertColor 6.5-35W MR16 930 36D

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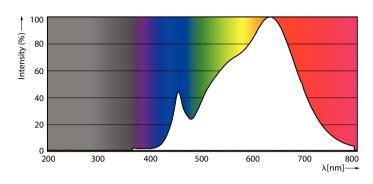


Light Distribution Diagram - MAS LED ExpertColor 6.5-35W MR16 930 36D

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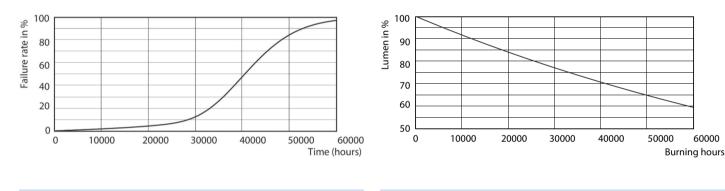
## MASTER LEDspot ExpertColor LV

Photometric data



Spectral Power Distribution Colour - MAS LED ExpertColor 6.5-35W MR16 930 36D

#### Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 6.5-35W MR16 930 36D

Lumen Maintenance Diagram - MAS LED ExpertColor 6.5-35W MR16 930 36D



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