



MASTER LEDspot ExpertColor LV

MASTER LED ExpertColor 6.5-35W MR16 940 60D

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	940 [CCT of 4000K]
Beam angle (nom.)	60 degree(s)
Luminous Flux	440 lm
Luminous intensity (nom.)	440 cd
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	67.69 lm/W
Colour consistency	<3

Colour 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		

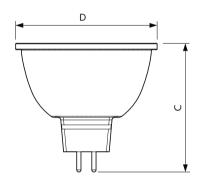
Datasheet, 2023, April 29 data subject to change

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Temperature	
T-Case maximum (nom.)	90 ℃
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

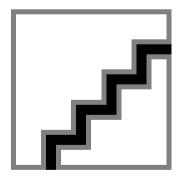
Product Data		
Order product name	MAS LED ExpertColor 6.5-35W MR16 940 60D	
Full product name	MASTER LED ExpertColor 6.5-35W MR16 940	
	60D	
Full EOC	871869675755000	
Order code	75755000	
Material no. (12 NC)	929001341602	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718696757550	
Numerator – packs per outer box	10	
EAN/UPC - Case	8718696757567	

Dimensional drawing

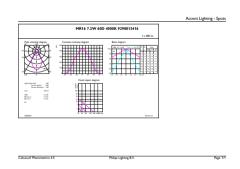


Product	D	С
MAS LED ExpertColor 6.5-35W MR16 940 60D	50.5 mm	46 mm

Photometric data



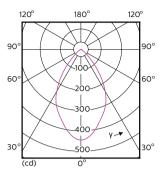
Spectral Power Distribution Colour - MAS LED ExpertColor 6.5-35W MR16 940 60D



Accent Lighting Spots - MAS LED ExpertColor 6.5-35W MR16 940 60D

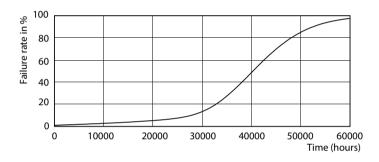
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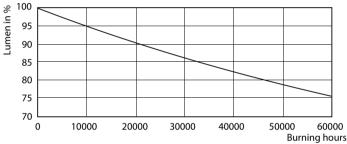
Photometric data



Light Distribution Diagram - MAS LED ExpertColor 6.5-35W MR16 940 60D

Lifetime





Life Expectancy Diagram - MAS LED ExpertColor 6.5-35W MR16 940 60D

Lumen Maintenance Diagram - MAS LED ExpertColor 6.5-35W MR16 940 60D



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