



MASTER LEDspot ExpertColor LV

MASTER LED ExpertColor 6.5-35W MR16 940 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		Luminous flux in 90° cone (rated)	460 lm
Cap base	GU5.3 [GU5.3]		
Nominal lifetime	40,000 h		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Colour Code	940 [CCT of 4000K]	Line Frequency	- Hz
Beam angle (nom.)	24 degree(s)	Input frequency	- Hz
Luminous Flux	460 lm	Power Consumption	6.5 W
Luminous intensity (nom.)	2,350 cd	Lamp current (nom.)	800 mA
Colour designation	Cool White (CW)	Wattage equivalent	35 W
Correlated Colour Temperature	4000 K	Starting time (nom.)	0.5 s
Luminous efficacy (rated) (nom.)	70.77 lm/W	Warm-up time to 60% light	0.5 s
Colour consistency	<3	Power Factor (Fraction)	0.7
Colour rendering index (CRI)	97	Voltage (nom.)	ac electronic 12 V
LLMF at end of nominal lifetime (nom.)	70 %	Temperature	
		T-Case maximum (nom.)	90 °C

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Controls and Dimming	
Dimmable	Yes

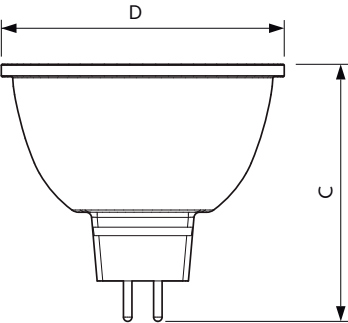
Mechanical and Housing	
Bulb shape	MR16 [2 inch/50 mm]

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 24D

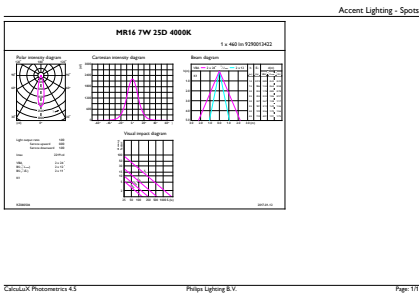
Full product name	MASTER LED ExpertColor 6.5-35W MR16 940 24D
Full EOC	871869673881800
Order code	73881800
Material no. (12 NC)	929001342202
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696738818
Numerator – packs per outer box	10
EAN/UPC – Case	8718696738825

Dimensional drawing

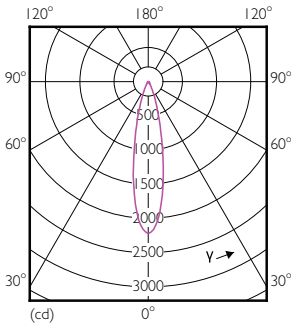


Product	D	C
MAS LED ExpertColor 6.5-35W MR16 940 24D	51 mm	46 mm

Photometric data



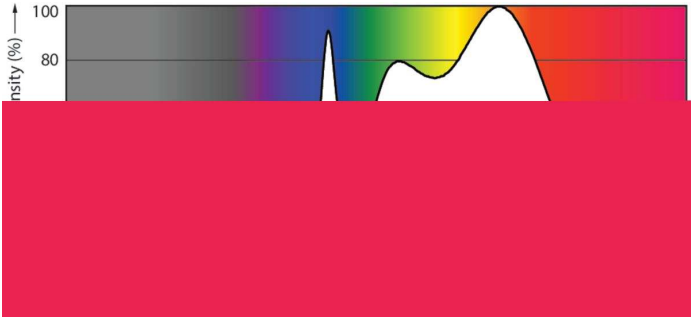
Accent Lighting Spots - MAS LED ExpertColor 6.5-35W MR16 940 24D



Light Distribution Diagram - MAS LED ExpertColor 6.5-35W MR16 940 24D

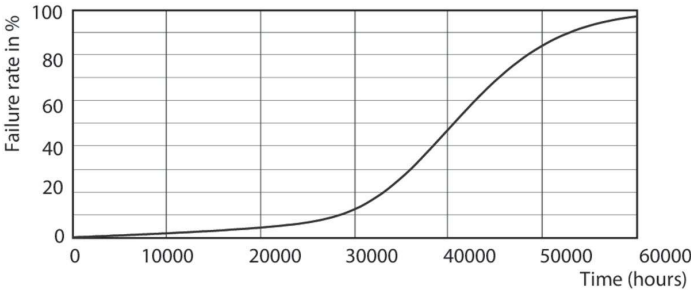
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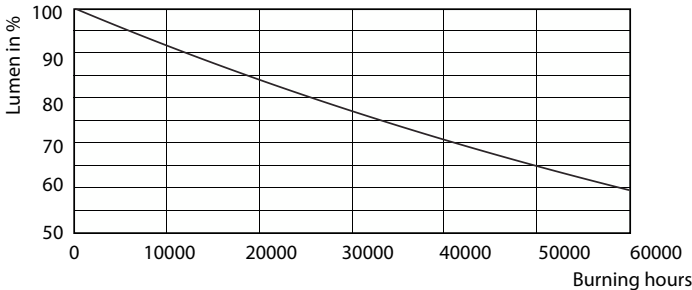


Spectral Power Distribution Colour - MAS LED ExpertColor 6.5-35W MR16 940 24D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 6.5-35W MR16 940 24D



Lumen Maintenance Diagram - MAS LED ExpertColor 6.5-35W MR16 940 24D

