



# MASTER LED spot ExpertColor LV



## MASTER LED ExpertColor 7.5-43W MR16 940 36D

MASTER, LED, MR16, Only with specific dimmers, GU5.3, 4000 K, 520 lm, CRI 92, 40000 h

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.

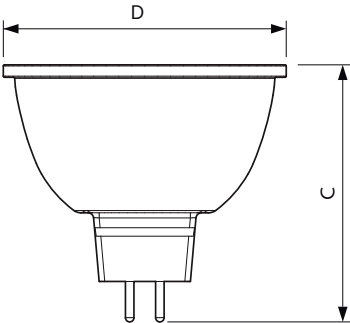
### Product data

General Information			
Cap base	GU5.3	Correlated Colour Temperature (Nom)	4000 K
Nominal lifetime	40,000 h	Luminous efficacy (rated) (nom.)	69.00 lm/W
Switching Cycle	50,000	Colour consistency	<3
Lighting Technology	LED	Colour rendering index (CRI)	92
Flux measurement reference	Narrow Cone	LLMF at end of nominal lifetime (nom.)	70 %
Warranty period	5 years	Luminous flux in 90° cone (rated)	520 lm
		Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Colour Code	940 [CCT of 4000K]	Line Frequency	- Hz
Beam angle (nom.)	36 degree(s)	Input frequency	- Hz
Luminous Flux	520 lm	Power Consumption	7.5 W
Luminous intensity (nom.)	1,650 cd	Lamp current (nom.)	720 mA
Colour designation	Cool White (CW)	Wattage equivalent	43 W

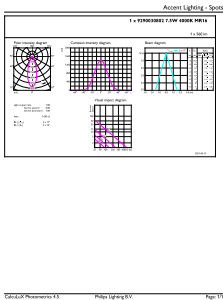
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Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (nom.)	ac electronic 12 V
Temperature	
T-Case maximum (nom.)	93 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb shape	MR16
Net Weight (Piece)	0.052 kg
Approval and Application	
Energy Efficiency Class	G
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	8 kWh
EPREL Registration Number	624219
CE mark	Yes

Dimensional drawing



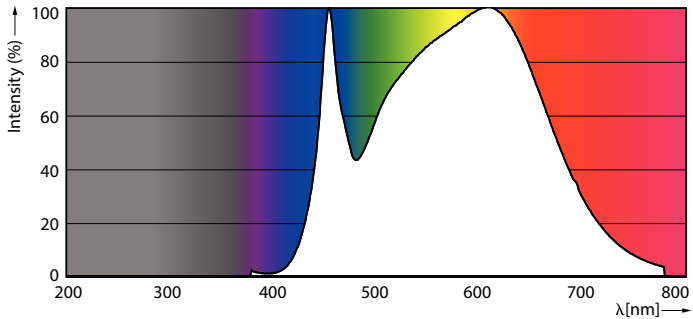
Photometric data



Accent Lighting Spots - MAS LED ExpertColor 7.5-43W MR16 940 36D

EU RoHS compliant	Yes
EyeComfort	Yes
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	MAS LED ExpertColor 7.5-43W MR16 940 36D
Full product name	MASTER LED ExpertColor 7.5-43W MR16 940 36D
Full EOC	871951435875100
Order code	35875100
Material no. (12 NC)	929003080202
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514358751
Numerator – packs per outer box	10
EAN/UPC - Case	8719514358768

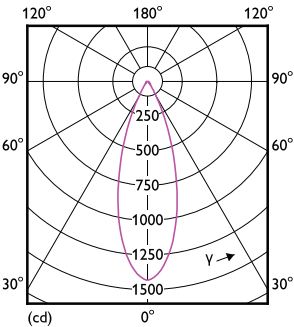
Product	D	C
MAS LED ExpertColor 7.5-43W MR16 940 36D	50.5 mm	46 mm



Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 940 36D

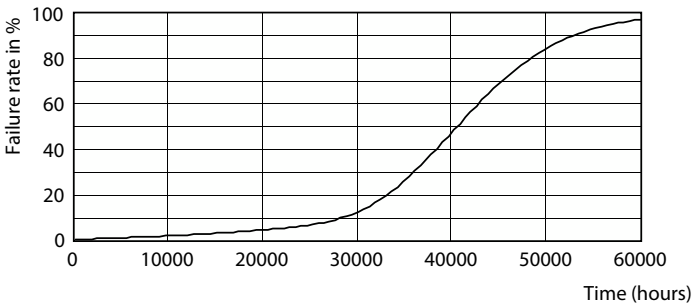
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Photometric data

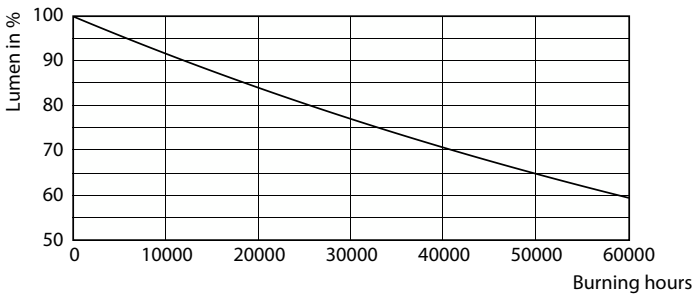


Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 940 36D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED ExpertColor 7.5-43W MR16 940 36D

