



# MASTER LEDspot ExpertColor LV



## MASTER LED ExpertColor 6.7-35W 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.

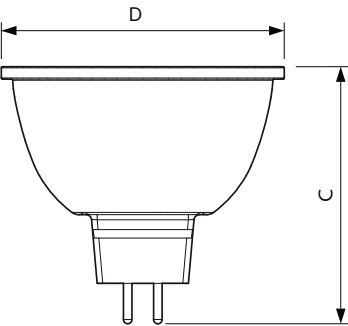
### Product data

General Information		Luminous flux in 90° cone (rated)	
Cap base	GU5.3	440 lm	
Nominal lifetime	40,000 h	Photobiological safety according to EN 62471 RG1	
Switching Cycle	50,000		
Lighting Technology	LED	Operating and Electrical	
Flux measurement reference	Narrow Cone	Line Frequency	- Hz
		Input frequency	- Hz
		Power Consumption	6.7 W
		Lamp current (nom.)	650 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.)	92 °C
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 (Nom)	4000 K		
Luminous efficacy (rated) (nom.)	65.00 lm/W		
Colour consistency	<3		
Colour rendering index (CRI)	97		
LLMF at end of nominal lifetime (nom.)	70 %		

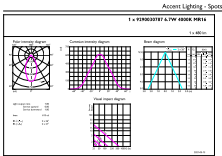
# MASTER LEDspot ExpertColor LV

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	7 kWh
EPREL Registration Number	624221
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Application Conditions	
Can it be used in closed luminaires	No

## Dimensional drawing



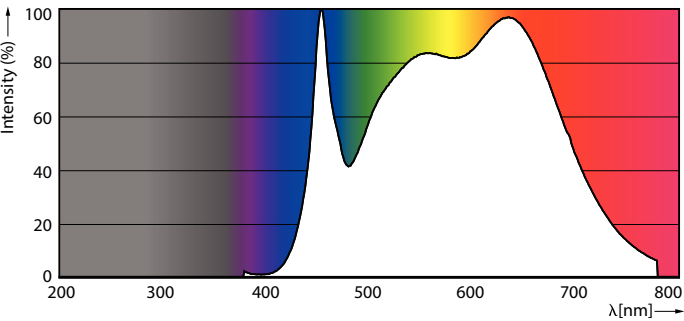
## Photometric data



Accent Lighting Spots - MAS LED ExpertColor 6.7-35W MR16 940 60D

Product Data	
Order product name	MAS LED ExpertColor 6.7-35W MR16 940 60D
Full product name	MASTER LED ExpertColor 6.7-35W MR16 940 60D
Full EOC	871951435845400
Order code	35845400
Material no. (12 NC)	929003078702
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514358454
Numerator – packs per outer box	10
EAN/UPC – Case	8719514358461

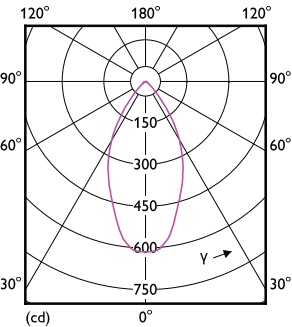
Product	D	C
MAS LED ExpertColor 6.7-35W MR16 940 60D	50.5 mm	46 mm



Spectral Power Distribution Colour - MAS LED ExpertColor 6.7-35W MR16 940 60D

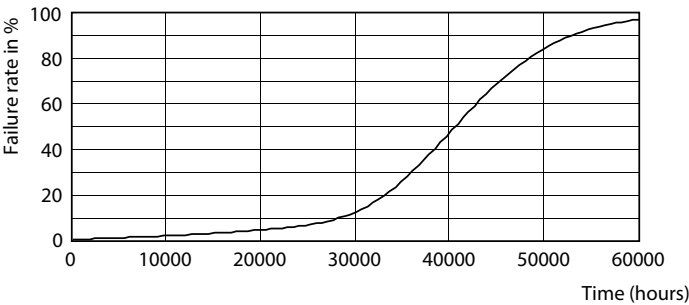
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## Photometric data

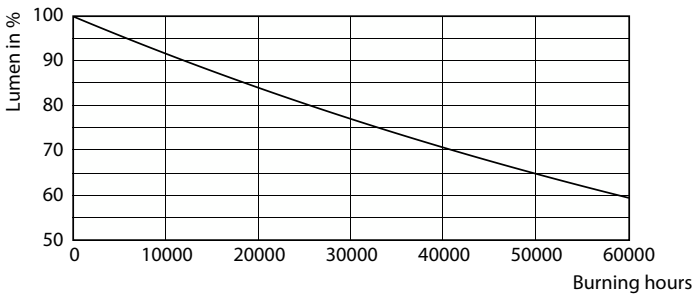


Light Distribution Diagram - MAS LED ExpertColor 6.7-35W MR16 940 60D

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED ExpertColor 6.7-35W MR16 940 60D

