



# MASTER LEDspot ExpertColor MV

## MASTER LED ExpertColor 3.9-35W GU10 940 36D

MASTER LEDspot MV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates ambience with superior lighting that has a customised spectrum, high CRI and deep dimming features. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will also 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 LV lamps.

### Product data

General Information		Luminous flux in 90° cone (rated)	
Cap base	GU10		300 lm
Nominal lifetime	40,000 h	Photobiological safety according to EN 62471 RG1	
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
Flux measurement reference	Narrow Cone	Input frequency	50 to 60 Hz
Light Technical		Power Consumption	3.9 W
Colour Code	940 [CCT of 4000K]	Lamp current (nom.)	22 mA
Beam angle (nom.)	36 degree(s)	Wattage equivalent	35 W
Luminous Flux	300 lm	Starting time (nom.)	0.5 s
Luminous intensity (nom.)	600 cd	Warm-up time to 60% light	0.5 s
Colour designation	Cool White (CW)	Power Factor (Fraction)	0.8
Correlated Colour Temperature	4000 K	Voltage (nom.)	220-240 V
Luminous efficacy (rated) (nom.)	76.00 lm/W	Temperature	
Colour consistency	<3	T-Case maximum (nom.)	80 °C
Colour rendering index (CRI)	97		
LLMF at end of nominal lifetime (nom.)	70 %		

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## Controls and Dimming

Dimmable	Only with specific dimmers
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## Mechanical and Housing

Lamp Finish	Clear
Bulb shape	PAR16
Net Weight (Piece)	0.038 kg

## Approval and Application

Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	4 kWh
EPREL registration number	391831
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4

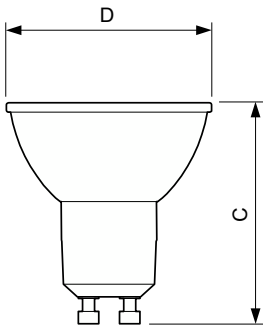
## Application Conditions

Can it be used in closed luminaires	No
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## Product Data

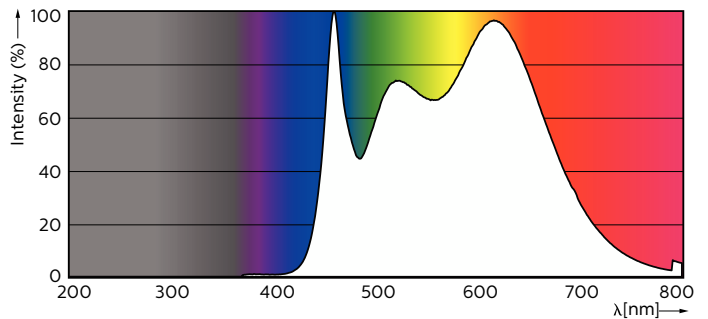
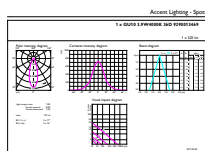
Order product name	MAS LED ExpertColor 3.9-35W GU10 940 36D
Full product name	MASTER LED ExpertColor 3.9-35W GU10 940 36D
Full EOC	871869670759300
Order code	70759300
Material no. (12 NC)	929001346902
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696707593
Numerator – packs per outer box	10
EAN/UPC – Case	8718696707609

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 3.9-35W GU10 940 36D	50 mm	54 mm

## Photometric data

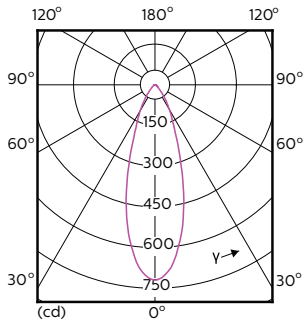


Accent Lighting Spots - MAS LED ExpertColor 3.9-35W GU10 940 36D

Spectral Power Distribution Colour - MAS LED ExpertColor 3.9-35W GU10 940 36D

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## Photometric data



Light Distribution Diagram - MAS LED ExpertColor 3.9-35W GU10 940 36D

## Lifetime



40K LED



Lumen Maintenance Diagram - MAS LED ExpertColor 3.9-35W GU10 940 36D

