



## F A G

# MASTER LEDspot ExpertColor MV

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

MASTER LEDspot ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. They offer superior lighting that has a customized spectrum, high CRI, and deep dimming feature. What's more the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, with MASTER LEDspot ExpertColor you can take advantage of the full ExpertColor family, which also includes LEDspot MR16, LEDspot AR111 and LEDspot PAR lamps. MASTER LEDspot ExpertColor delivers huge energy savings and minimizes maintenance costs without any compromise on light quality and lifetime, enabling residential and business owners to achieve a return on their investment within a short time period.

#### **Product data**

General Information	
Cap-Base	GU10 [GU10]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	300 lumen
Luminous Intensity (Nom)	600 cd
Color Designation	Cool White (CW)

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	76.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	300 lumen
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	3.9 W
Lamp Current (Nom)	22 mA
Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s

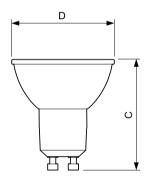
Datasheet, 2023, October 9 data subject to change

## **MASTER LEDspot ExpertColor MV**

Power Factor (Fraction)  Voltage (Nom)  220-240 V  Temperature  T-Case Maximum (Nom)  80 °C  Controls and Dimming  Dimmable  Only with specific dimmers  Mechanical and Housing  Bulb Finish  Clear  Bulb Shape  PAR16 [PAR 2 inch/50mm]  Approval and Application  Energy Efficiency Class  F  Suitable For Accent Lighting  Yes		
Temperature T-Case Maximum (Nom) 80 °C  Controls and Dimming Dimmable Only with specific dimmers  Mechanical and Housing Bulb Finish Clear Bulb Shape PAR16 [PAR 2 inch/50mm]  Approval and Application Energy Efficiency Class F	Power Factor (Fraction)	0.8
T-Case Maximum (Nom) 80 °C  Controls and Dimming  Dimmable Only with specific dimmers  Mechanical and Housing  Bulb Finish Clear  Bulb Shape PAR16 [PAR 2 inch/50mm]  Approval and Application  Energy Efficiency Class F	Voltage (Nom)	220-240 V
T-Case Maximum (Nom) 80 °C  Controls and Dimming  Dimmable Only with specific dimmers  Mechanical and Housing  Bulb Finish Clear  Bulb Shape PAR16 [PAR 2 inch/50mm]  Approval and Application  Energy Efficiency Class F		
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Mechanical and Housing  Bulb Finish Clear  Bulb Shape PAR16 [PAR 2 inch/50mm]  Approval and Application  Energy Efficiency Class F	Controls and Dimming	
Bulb Finish Clear Bulb Shape PAR16 [PAR 2 inch/50mm]  Approval and Application Energy Efficiency Class F	Dimmable	Only with specific dimmers
Bulb Finish Clear Bulb Shape PAR16 [PAR 2 inch/50mm]  Approval and Application Energy Efficiency Class F		
Bulb Shape PAR16 [PAR 2 inch/50mm]  Approval and Application  Energy Efficiency Class F	Mechanical and Housing	
Approval and Application  Energy Efficiency Class F	Bulb Finish	Clear
Energy Efficiency Class F	Bulb Shape	PAR16 [PAR 2 inch/50mm]
Energy Efficiency Class F		
	Approval and Application	
Suitable For Accent Lighting Yes	Energy Efficiency Class	F
	Suitable For Accent Lighting	Yes

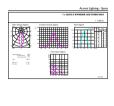
Energy Consumption kWh/1000 h	4 kWh	
EPREL Registration Number	391831	
EyeComfort	Yes	
Product Data		
Full product code	871869670759300	
Order product name	MAS LED ExpertColor 3.9-35W GU10 940 36D	
Order code	929001346902	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	10	
Material Nr. (12NC)	929001346902	
Full product name	MAS LED ExpertColor 3.9-35W GU10 940 36D	
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EAN/UPC - Product/Case	8718696707593	

## Dimensional drawing



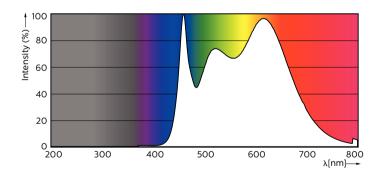
Product	D	С
MAS LED ExpertColor 3.9-35W GU10 940 36D	50 mm	54 mm

#### Photometric data





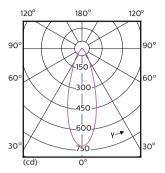
Accent Lighting Spots - MAS LED ExpertColor 3.9-35W GU10 940 36D



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

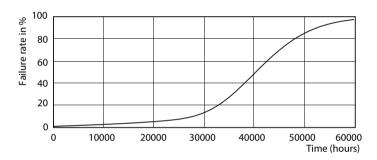
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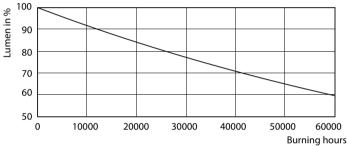
#### Photometric data



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

### Lifetime





Life Expectancy Diagram - MAS LED ExpertColor 3.9-35W GU10 940 36D

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



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