



# MASTER LEDspot ExpertColor MV

## 3.9MAS ExpertColor GU10 940 36D 220 10/1

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]	Correlated Color Temperature (Nom)	4000 K
Nominal lifetime	40,000 hour(s)	Luminous Efficacy (rated) (Nom)	76.00 lm/W
Switching Cycle	50,000	Color Consistency	<3
Lighting Technology	LED	Color rendering index (CRI)	97
Flux measurement reference	Narrow Cone	LLMF At End Of Nominal Lifetime (Nom)	70 %
CE mark	Yes	Luminous Flux in 90° Cone (Rated)	300 lm
EU RoHS compliant	Yes	Flickering value (PstLM)	1
		Stroboscopic effect value (SVM)	0.4
		Photobiological safety according to EN 62471 RG1	
Light Technical		Operating and Electrical	
Color Code	940 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	36 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	300 lm	Power Consumption	3.9 W
Luminous Intensity (Nom)	600 cd	Lamp Current (Nom)	22 mA
Color Designation	Cool White (CW)		

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Wattage Equivalent	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	176 °F
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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	PAR16 [PAR 2 inch/50mm]

Approval and Application

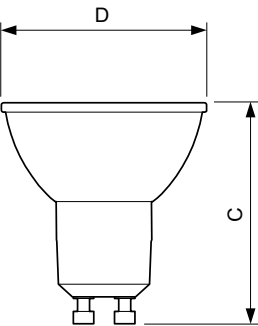
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes

Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	391831
EyeComfort	Yes

Product Data

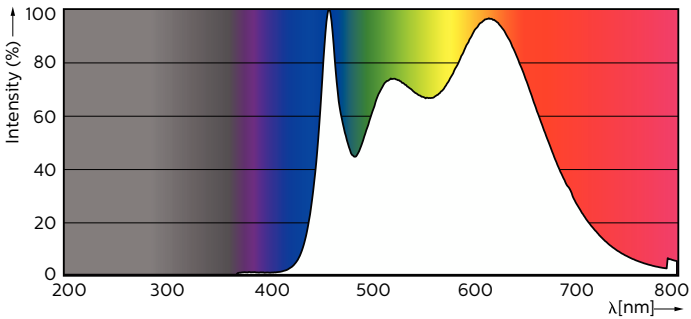
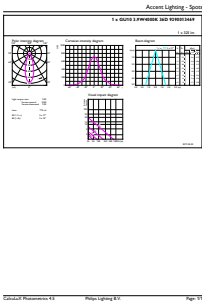
Order product name	MAS LED ExpertColor 3.9-35W GU10 940 36D
Full product name	3.9MAS ExpertColor GU10 940 36D 220 10/1
Full product code	871869670759300
Order code	326363
Material Nr. (12NC)	929001346902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707593
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696707609

Dimensional drawing



Product	D	C
MAS LED ExpertColor 3.9-35W GU10 940 36D	2 inch	2-1/8 inch

Photometric data

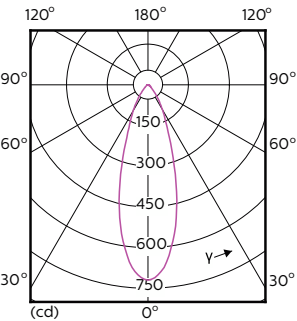


Accent Lighting Spots - MAS LED ExpertColor 3.9-35W GU10 940 36D

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

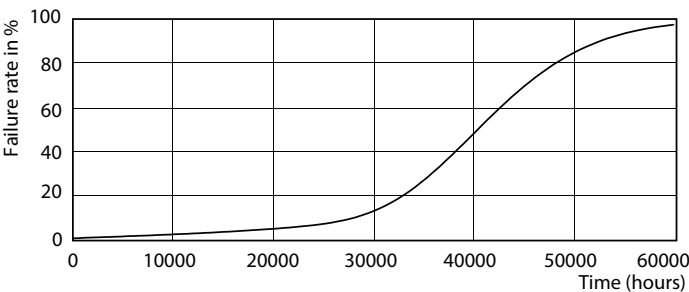
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## Photometric data

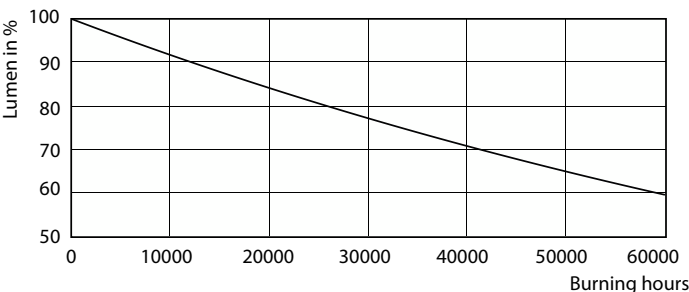


Light Distribution Diagram - MAS LED ExpertColor 3.9-35W GU10 940 36D

## 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

