



# MASTER LEDspot ExpertColor LV

# MAS MR16 ExpertColor7.2-50W 930 10D EZ10

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 customized 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 and LEDspot Par lamps.

## **Product data**

General Information	
Cap-Base	EZ10 [EZ10]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	10 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	5,000 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	66.67 lm/W
Color Consistency	<3
Color rendering index (CRI)	97

LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7.2 W
Lamp Current (Nom)	800 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	92 ℃

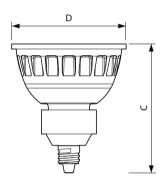
Datasheet, 2023, November 12 data subject to change

# **MASTER LEDspot ExpertColor LV**

Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	MAS MR16 ExpertColor7.2-50W 930 10D EZ10

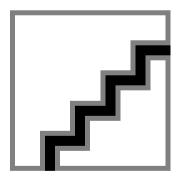
Full product name	MAS MR16 ExpertColor7.2-50W 930 10D EZ10
Full product code	871869669224000
Order code	929001302418
Material Nr. (12NC)	929001302418
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696692240
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696692257

## Dimensional drawing



Product	D	С
MAS MR16 ExpertColor7.2-50W 930 10D EZ10	51 mm	59 mm

## Photometric data

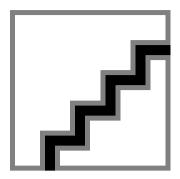


Accent Lighting Spots - MAS MR16 ExpertColor7.2-50W 930 10D EZ10

Light Distribution Diagram - MAS MR16 ExpertColor7.2-50W 930 10D EZ10

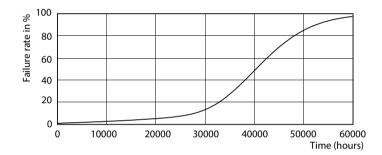
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## Photometric data



Spectral Power Distribution Colour - MAS MR16 ExpertColor7.2-50W 930 10D EZ10

## Lifetime



Life Expectancy Diagram - MAS MR16 ExpertColor7.2-50W 930 10D EZ10

Lumen Maintenance Diagram - MAS MR16 ExpertColor7.2-50W 930 10D F710



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