



# MASTER LEDspot ExpertColor LV

# MAS MR16 ExpertColor7.2-50W 927 36D 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	927
Beam Angle (Nom)	36 degree(s)
Luminous Flux	450 lm
Luminous Intensity (Nom)	1,350 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	62.50 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	1 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	92 °C

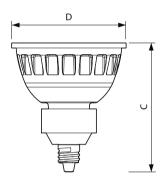
Datasheet, 2023, November 12 data subject to change

## **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 927 36D EZ10	

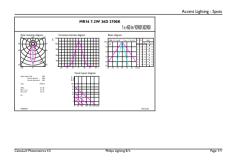
Full product name	MAS MR16 ExpertColor7.2-50W 927 36D EZ10
Full product code	871869669236300
Order code	929001302918
Material Nr. (12NC)	929001302918
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696692363
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696692370

## Dimensional drawing

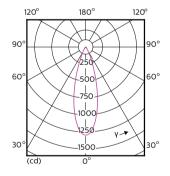


Product	D	С
MAS MR16 ExpertColor7.2-50W 927 36D EZ10	51 mm	59 mm

## Photometric data



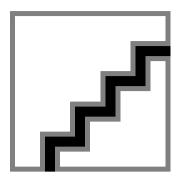
Accent Lighting Spots - MAS MR16 ExpertColor7.2-50W 927 36D EZ10



Light Distribution Diagram - MAS MR16 ExpertColor7.2-50W 927 36D EZ10

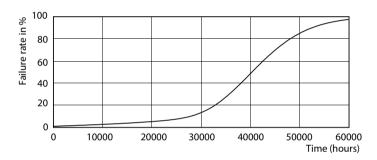
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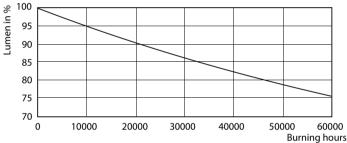
#### Photometric data



Spectral Power Distribution Colour - MAS MR16 ExpertColor7.2-50W 927 36D EZ10

#### Lifetime





Life Expectancy Diagram - MAS MR16 ExpertColor7.2-50W 927 36D EZ10

Lumen Maintenance Diagram - MAS MR16 ExpertColor7.2-50W 927 36D F710



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