



MASTER LEDspot ExpertColor LV

MAS MR16 ExpertColor7.2-50W 940 24D 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	940 [CCT of 4000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	2,400 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 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 ℃

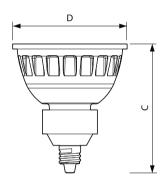
Datasheet, 2023, November 12 data subject to change

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 940 24D EZ10	

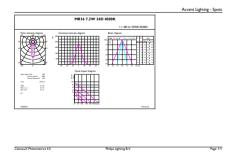
Full product name	MAS MR16 ExpertColor7.2-50W 940 24D EZ10
Full product code	871869669234900
Order code	929001302818
Material Nr. (12NC)	929001302818
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696692349
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696692356

Dimensional drawing

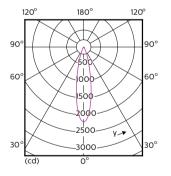


Product	D	С
MAS MR16 ExpertColor7.2-50W 940 24D EZ10		59 mm

Photometric data



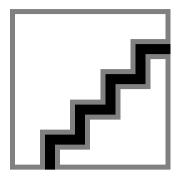
Accent Lighting Spots - MAS MR16 ExpertColor7.2-50W 940 24D EZ10



Light Distribution Diagram - MAS MR16 ExpertColor7.2-50W 940 24D EZ10

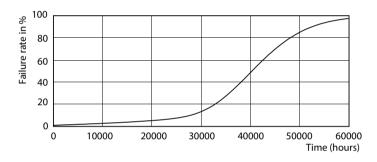
MASTER LEDspot ExpertColor LV

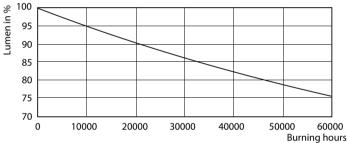
Photometric data



Spectral Power Distribution Colour - MAS MR16 ExpertColor7.2-50W 940 24D EZ10

Lifetime





Life Expectancy Diagram - MAS MR16 ExpertColor7.2-50W 940 24D EZ10

Lumen Maintenance Diagram - MAS MR16 ExpertColor7.2-50W 940 24D F710



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.