



# MASTER LEDspot ExpertColor LV

## MAS MR16 ExpertColor6.7-50W 930 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
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	1,450 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	71.00 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	6.7 W
Lamp Current (Nom)	650 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	92 °C
Controls and Dimming	
Dimmable	Only with specific dimmers

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## Mechanical and Housing

Bulb Shape	MR16
Net Weight (Piece)	0.062 kg

## Approval and Application

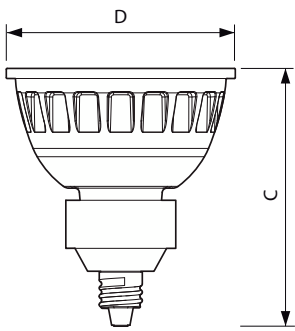
Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes

## Product Data

Order product name	MAS MR16 ExpertColor6.7-50W 930 36D EZ10
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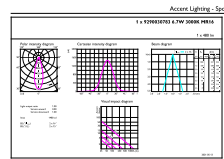
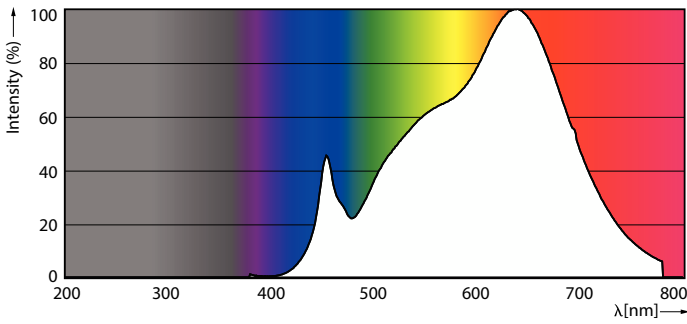
Full product name	MAS MR16 ExpertColor6.7-50W 930 36D EZ10
Full product code	871951435879900
Order code	929003078318
Material Nr. (12NC)	929003078318
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514358799
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514358805

## Dimensional drawing



Product	D	C
MAS MR16 ExpertColor6.7-50W 930 36D EZ10	50.5 mm	57 mm

## Photometric data

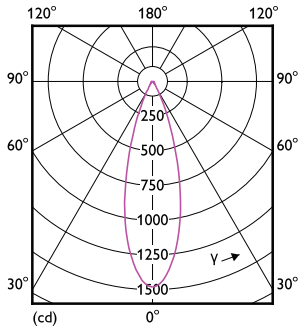


Spectral Power Distribution Colour - MAS MR16 ExpertColor6.7-50W 930 36D EZ10

Accent Lighting Spots - MAS MR16 ExpertColor6.7-50W 930 36D EZ10

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## Photometric data



Light Distribution Diagram - MAS MR16 ExpertColor6.7-50W 930 36D EZ10

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS MR16 ExpertColor6.7-50W 930 36D EZ10

