



# MASTER LEDspot ExpertColor LV



## MAS LED ExpertColor 7.5-43W MR16 930 36D

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	
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Switching Cycle	50,000
Nominal lifetime	40,000 hour(s)
Cap-Base	GU5.3 [GU5.3]
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	500 lumen
Luminous Intensity (Nom)	1,550 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	66 lm/W
Color Consistency	<3
Color rendering index (CRI)	92
LLMF At End Of Nominal Lifetime (Nom)	70 %

Luminous Flux in 90° Cone (Rated)	500 lumen
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7.5 W
Lamp Current (Nom)	720 mA
Wattage Equivalent	43 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)	93 °C

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## Controls and Dimming

**Dimmable** Only with specific dimmers

## Mechanical and Housing

**Bulb Shape** MR16 [2inch/50mm]

## Approval and Application

**Energy Efficiency Class** G

**Suitable For Accent Lighting** Yes

**Energy Consumption kWh/1000 h** 8 kWh

**EPREL Registration Number** 624224

**CE mark** Yes

**EU RoHS compliant** Yes

## Product Data

**Full product code** 871951435873700

**Order product name** MAS LED ExpertColor 7.5-43W MR16 930 36D

**Order code** 929003080102

**Numerator - Quantity Per Pack** 1

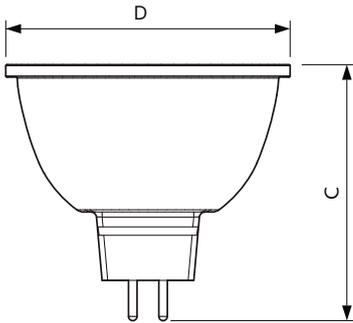
**Numerator - Packs per outer box** 10

**Material number (12NC)** 929003080102

**Full product name** MAS LED ExpertColor 7.5-43W MR16 930 36D

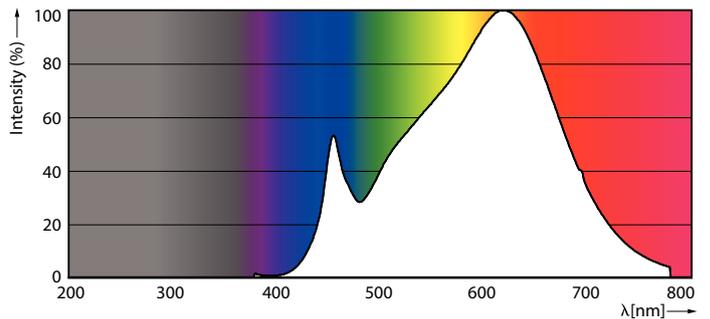
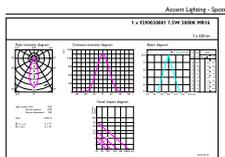
**EAN/UPC - Case** 8719514358744

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 7.5-43W MR16 930 36D	50.5 mm	46 mm

## Photometric data

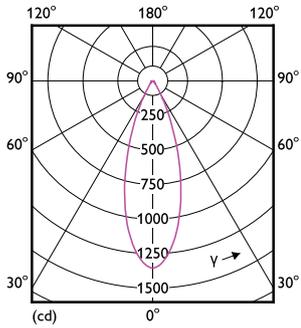


Accent Lighting Spots - MAS LED ExpertColor 7.5-43W MR16 930 36D

Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 930 36D

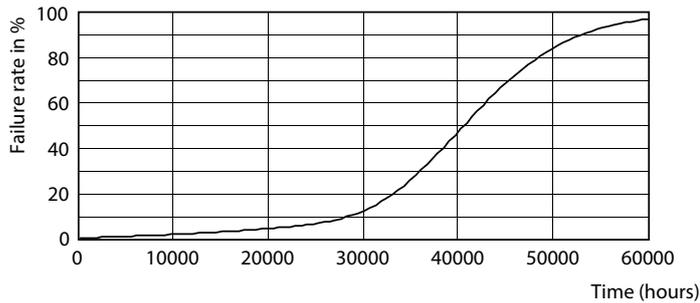
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## Photometric data

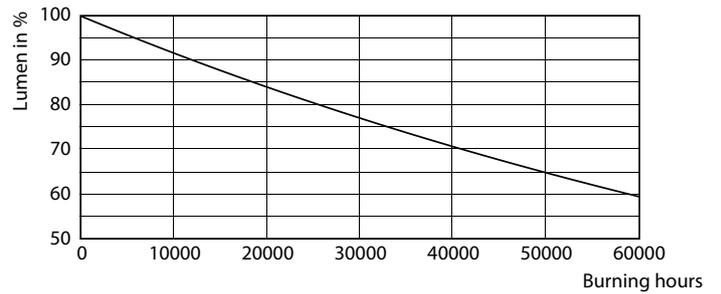


Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 930 36D

## Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 7.5-43W MR16 930 36D



Lumen Maintenance Diagram - MAS LED ExpertColor 7.5-43W MR16 930 36D

