



# MasterConnect LEDspot GU10



## MC LEDspot IA 4.7-50W GU10 930 36D

Introducing MasterConnect LED lamps - smart retrofit LED lamps that give you an easy and seamless way to upgrade to connected lighting. Simply set up with an intuitive app, MasterConnect LED lamps can be programmed to maximize energy savings, while providing wireless and automated light for your comfort and convenience. What's more, it is fully scalable and upgradable. If you want to enjoy further benefits such as remote control or management dashboard, you can simply keep the currently installed lamps and add a gateway to experience all the advantages of a cloud-based system. There's no better way to take lighting solutions to the next level.

### Product data

General Information	
Cap-Base	GU10
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	345 lm
Luminous Intensity (Nom)	500 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	73 lm/W
Color Consistency	<4

Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	345 lm
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.7 W
Lamp Current (Nom)	27 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	220-240 V
Ballast Compatibility	Mains
Inrush current at mains	2.2

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Max. lamp no. on MCB B type 10A – Mains	333
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – Mains	533
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-

## Temperature

T-Case Maximum (Nom)	85 °C
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## Controls and Dimming

Dimmable	Wireless Dim
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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	100 mm
Bulb Shape	PAR16
Net Weight (Piece)	0.052 kg

## Approval and Application

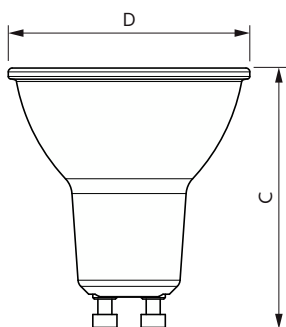
Energy Efficiency Class	F
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Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	387344
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	0.5
Stroboscopic effect visibility measure (SVM)	0.1

## Product Data

Order product name	MC LEDspot IA 4.7-50W GU10 930 36D
Full product name	MC LEDspot IA 4.7-50W GU10 930 36D
Full product code	871869969394700
Order code	929002253802
Material Nr. (12NC)	929002253802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699693947
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699693954

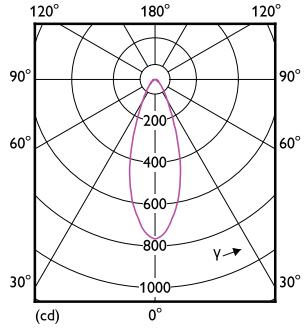
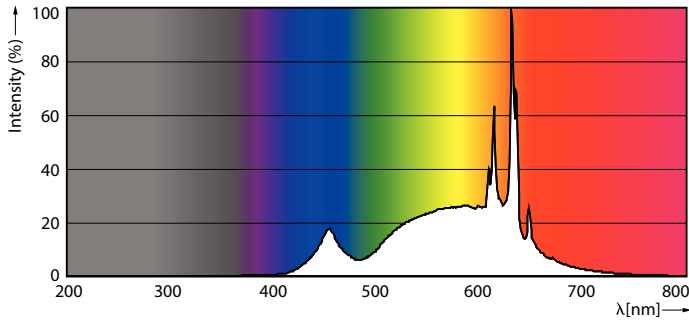
## Dimensional drawing



Product	D	C
MC LEDspot IA 4.7-50W GU10 930 36D	50 mm	54 mm

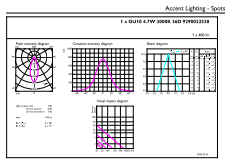
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## Photometric data



Spectral Power Distribution Colour - MC LEDspot IA 4.7-50W GU10 930 36D

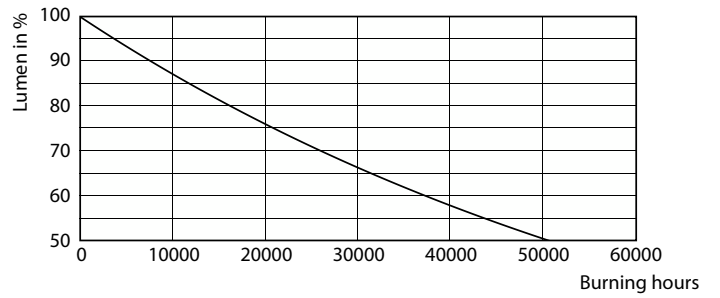
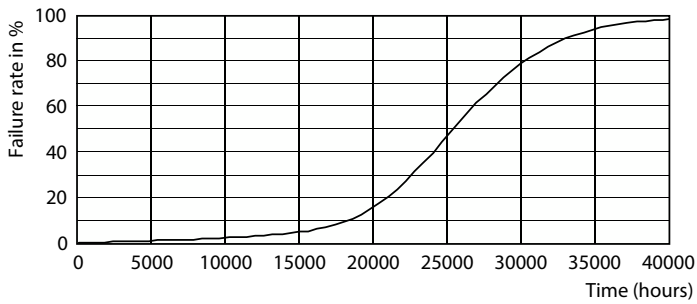
Light Distribution Diagram - MC LEDspot IA 4.7-50W GU10 930 36D



Accent Lighting Spots - MC LEDspot IA 4.7-50W GU10 930 36D

Accent Lighting Spots - MC LEDspot IA 4.7-50W GU10 930 36D

## Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - MC LEDspot IA 4.7-50W GU10 930 36D

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