



# MasterConnect LEDspot GU10



## MC LEDspot IA 4.7-50W GU10 940 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 maximise 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	Luminous efficacy (rated) (nom.)	73 lm/W
Nominal lifetime	25,000 h	Colour consistency	<4
Switching Cycle	50,000	Colour rendering index (CRI)	90
Lighting Technology	LED	LLMF at end of nominal lifetime (nom.)	70 %
Flux measurement reference	Narrow Cone	Luminous flux in 90° cone (rated)	345 lm
CE mark	Yes	Flickering value (PstLM)	0.5
EU RoHS compliant	Yes	Stroboscopic effect	0.1
		Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Colour Code	940 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam angle (nom.)	36 degree(s)	Input frequency	50 to 60 Hz
Luminous Flux	345 lm	Power Consumption	4.7 W
Luminous intensity (nom.)	500 cd	Lamp current (nom.)	27 mA
Colour designation	Cool White (CW)	Starting time (nom.)	0.5 s
Correlated Colour Temperature	4000 K	Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.7
Voltage (nom.)	220-240 V
Inrush current at mains	2.2
Max. lamp no. on MCB B type 10A — Mains	333
Max. lamp no. on MCB B type 10A — EM ballast without Comp. Cap.	-
Max. lamp no. on MCB B type 10A — EM ballast with Comp. Cap.	-
Max. lamp no. on MCB B type 16A — Mains	533
Max. lamp no. on MCB B type 16A — EM ballast without Comp. Cap.	-
Max. lamp no. on MCB B type 16A — EM ballast with Comp. Cap.	-
Ballast Compatibility	Mains

## Temperature

T-Case maximum (nom.)	85 °C
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## Controls and Dimming

Dimmable	Wireless Dim
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## Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Plastic

Product length	100 mm
Bulb shape	PAR16

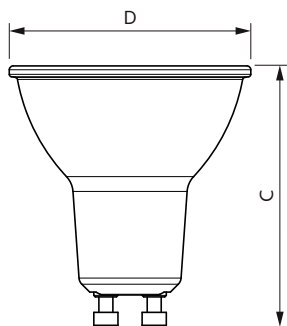
## Approval and Application

Energy Efficiency Class	F
Energy-saving product	Yes
Approval marks	RoHS compliance
Energy consumption kWh/1,000 hours	5 kWh
EPREL registration number	387345

## Product Data

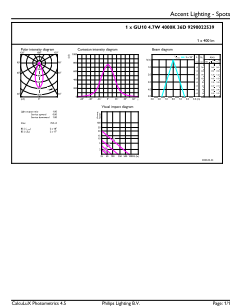
Order product name	MC LEDspot IA 4.7-50W GU10 940 36D
Full product name	MC LEDspot IA 4.7-50W GU10 940 36D
Full EOC	871869969396100
Order code	69396100
Material no. (12 NC)	929002253902
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699693961
Numerator – packs per outer box	10
EAN/UPC - Case	8718699693978

## Dimensional drawing

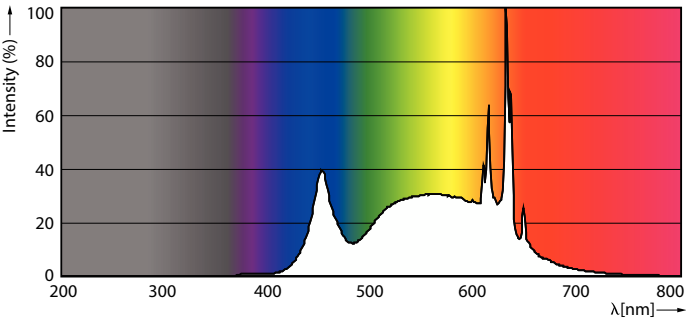


Product	D	C
MC LEDspot IA 4.7-50W GU10 940 36D	50 mm	54 mm

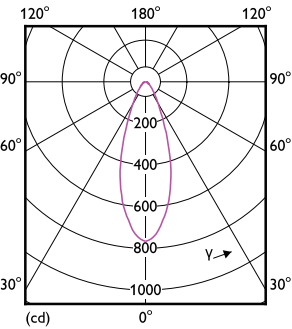
Photometric data



Accent Lighting Spots - MC LEDspot IA 4.7-50W GU10 940 36D

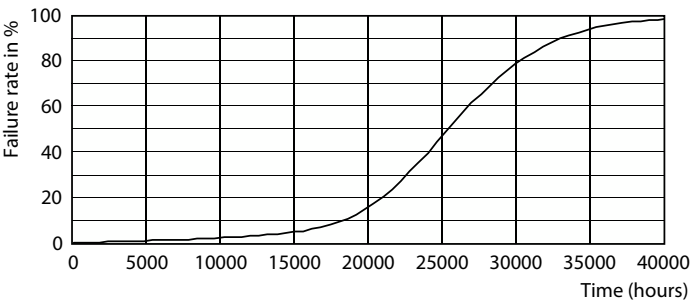


Spectral Power Distribution Colour - MC LEDspot IA 4.7-50W GU10 940 36D

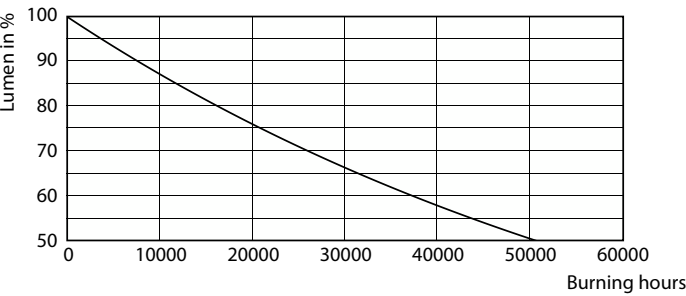


Light Distribution Diagram - MC LEDspot IA 4.7-50W GU10 940 36D

Lifetime



Life Expectancy Diagram - MC LEDspot IA 4.7-50W GU10 940 36D



Lumen Maintenance Diagram - MC LEDspot IA 4.7-50W GU10 940 36D

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