



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
Nominal lifetime	25,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone

Light Technical	
Colour Code	940 [CCT of 4000K]
Beam angle (nom.)	36 degree(s)
Luminous Flux	345 lm
Luminous intensity (nom.)	500 cd
Luminous efficacy (rated) (nom.)	73 lm/W
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Colour consistency	<4

Colour rendering index (CRI)	90
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	345 lm
Flickering value (PstLM)	0.5
Stroboscopic effect	0.1
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

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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 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.	-
Ballast Compatibility	Mains

Temperature

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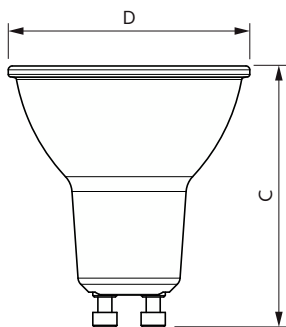
Controls and Dimming

Dimmable	Wireless Dim
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Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Plastic
Product length	100 mm
Bulb shape	PAR16

Dimensional drawing



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
CE mark	Yes
EU RoHS compliant	Yes

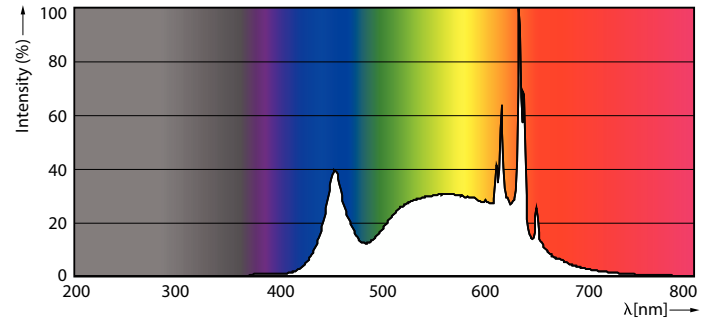
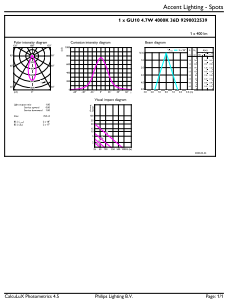
Product Data

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
Numerator – quantity per pack	1
Net Weight (Piece)	0.052 kg
EAN/UPC – Product/Case	8718699693961
Numerator – packs per outer box	10
EAN/UPC - Case	8718699693978

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

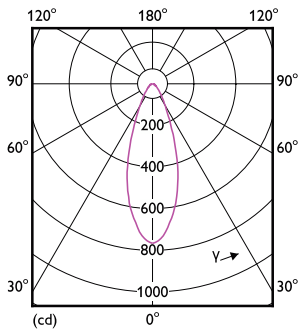
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Photometric data



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

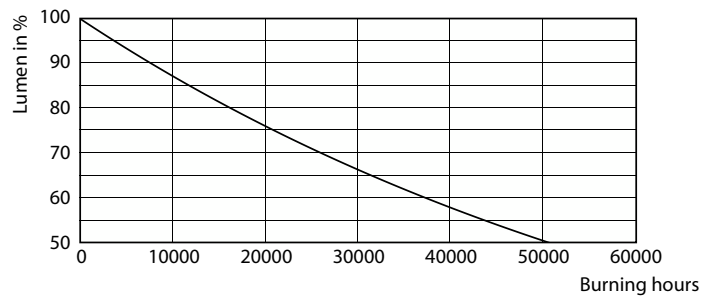


Light Distribution Diagram - MC LEDspot IA 4.7-50W GU10 940 36D

Lifetime



Life Expectancy Diagram



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

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