



# 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.

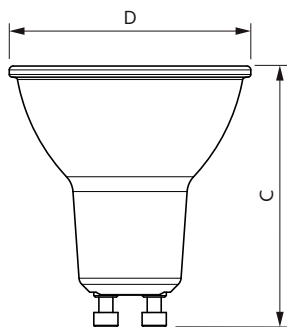
### Product data

General Information		Operating and Electrical	
Cap base	GU10	Line Frequency	50 to 60 Hz
Nominal lifetime	25,000 h	Input frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	4.7 W
Lighting Technology	LED	Lamp current (nom.)	27 mA
Flux measurement reference	Narrow Cone	Starting time (nom.)	0.5 s
Light Technical		Warm-up time to 60% light	0.5 s
Colour Code	940 [CCT of 4000K]	Power Factor (Fraction)	0.7
Beam angle (nom.)	36 degree(s)	Voltage (nom.)	220-240 V
Luminous Flux	345 lm	Inrush current at mains	2.2
Luminous intensity (nom.)	500 cd	Max. lamp no. on MCB B type 10A — Mains	333
Colour designation	Cool White (CW)		
Correlated Colour Temperature (Nom)	4000 K		
Luminous efficacy (rated) (nom.)	73 lm/W		
Colour consistency	<4		
Colour 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		

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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
<b>Temperature</b>	
T-Case maximum (nom.)	85 °C
<b>Controls and Dimming</b>	
Dimmable	Wireless Dim
<b>Mechanical and Housing</b>	
Lamp Finish	Frosted
Bulb material	Plastic
Product length	100 mm
Bulb shape	PAR16
Net Weight (Piece)	0.052 kg
<b>Approval and Application</b>	
Energy Efficiency Class	F

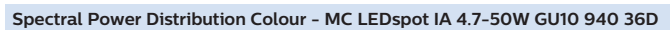
## Dimensional drawing



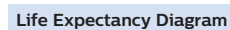
Energy-saving product	Yes
Approval marks	RoHS compliance
Energy consumption kWh/1,000 hours	5 kWh
EPREL Registration Number	387345
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	0.5
Stroboscopic effect	0.1

<b>Product Data</b>	
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
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



## Lifetime



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