



# 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 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.

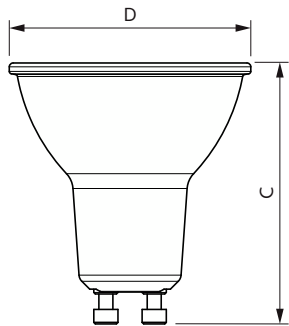
### Product data

General Information			
Cap-Base	GU10	Luminous Efficacy (rated) (Nom)	73 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<4
Switching Cycle	50,000	Color 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) - Flickering value as per EN 61000-3-3	0.5
EU RoHS compliant	Yes	Stroboscopic effect visibility measure (SVM)	0.1
Light Technical		Photobiological safety according to EN 62471	RG1
Color Code	940 [CCT of 4000K]	Operating and Electrical	
Beam Angle (Nom)	36 degree(s)	Line Frequency	50 to 60 Hz
Luminous Flux	345 lm	Input Frequency	50 to 60 Hz
Luminous Intensity (Nom)	500 cd	Power Consumption	4.7 W
Color Designation	Cool White (CW)	Lamp Current (Nom)	27 mA
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s

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Warm-up time to 60% light	0.5 s
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
Controls and Dimming	
Dimmable	Wireless Dim
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic

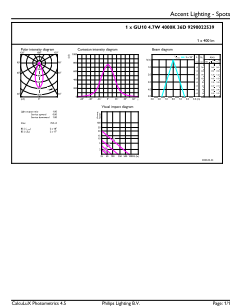
## Dimensional drawing



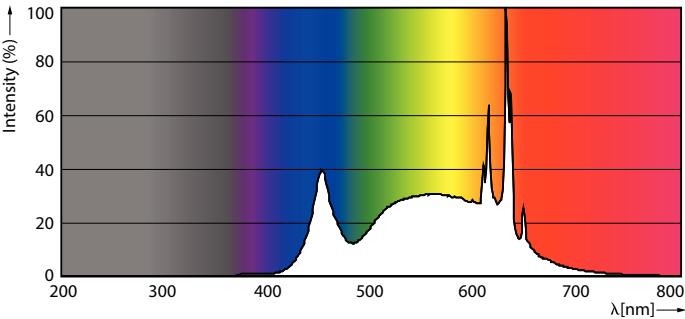
Product Length	100 mm
Bulb Shape	PAR16
Approval and Application	
Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	387345
Product Data	
Order product name	MC LEDspot IA 4.7-50W GU10 940 36D
Full product name	MC LEDspot IA 4.7-50W GU10 940 36D
Full product code	871869969396100
Order code	69396100
Material Nr. (12NC)	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

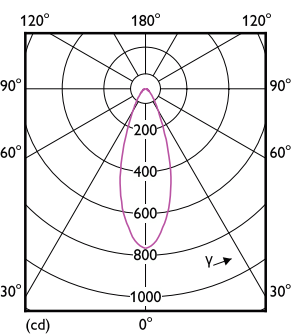
Photometric data



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

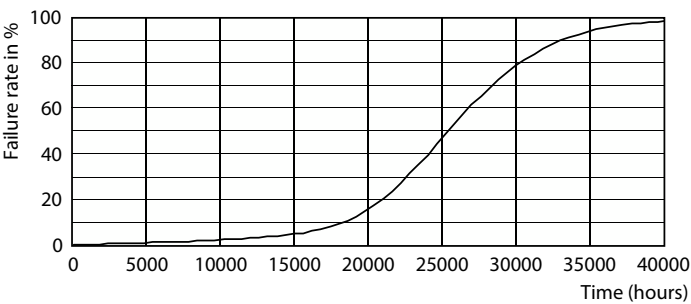


Spectral Power Distribution Colour - MC LEDspot IA 4.7-50W GU10 940 36D

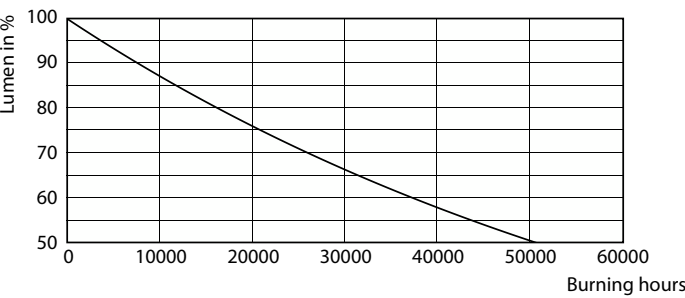


Light Distribution Diagram - MC LEDspot IA 4.7-50W GU10 940 36D

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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