PHILIPS Lighting



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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	
Nominal lifetime	25,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
Flux measurement reference	Narrow Cone	
CE mark	Yes	
EU RoHS compliant	Yes	
Light Technical		
Color Code	940 [CCT of 4000K]	
Beam Angle (Nom)	36 degree(s)	
Luminous Flux	345 lm	
Luminous Intensity (Nom)	500 cd	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	

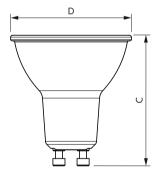
Luminous Efficacy (rated) (Nom)	73 lm/W	
Color Consistency	<4	
Color rendering index (CRI)	90	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Luminous Flux in 90° Cone (Rated)	345 lm	
Flickering value (PstLM) - Flickering value as per	0.5	
EN 61000-3-3		
Stroboscopic effect visibility measure (SVM)	0.1	
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	

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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 ℃
Controls and Dimming	
Dimmable	Wireless Dim
Mechanical and Housing	
Bulb 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/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	929002253902	
Material Nr. (12NC)	929002253902	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699693961	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718699693978	

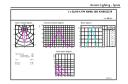
Dimensional drawing

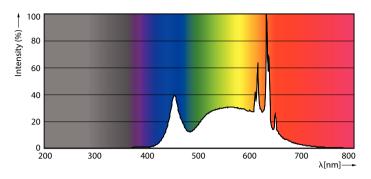


Product	D	с
MC LEDspot IA 4.7-50W GU10 940 36D	50 mm	54 mm

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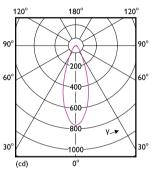
Photometric data





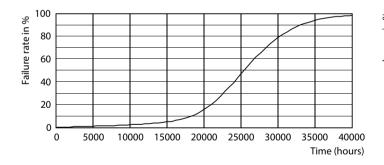
Accent Lighting Spots - MC LEDspot IA 4.7-50W GU10 940 36D

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

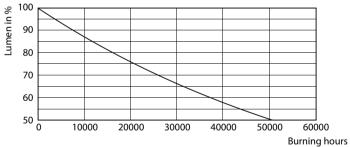


Light Distribution Diagram - MC LEDspot IA 4.7-50W GU10 940 36D

Lifetime



Life Expectancy Diagram - 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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