PHILIPS Lighting



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
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

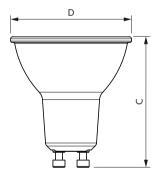
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	345 lm
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.7 W
Lamp Current (Nom)	27 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	220-240 V
Inrush current at mains	2.2
Max. lamp no. on MCB B type 10A - Mains	333

MasterConnect LEDspot GU10

Max. lamp no. on MCB B type 10A - EM ballast	-	Energy Saving Product
without Compensation Capacitor.		Approval Marks
Max. lamp no. on MCB B type 10A - EM ballast	-	Energy Consumption kWh/1000 h
with Compensation Capacitor.		EPREL Registration Number
Max. lamp no. on MCB B type 16A - Mains	533	CE mark
Max. lamp no. on MCB B type 16A – EM ballast	-	EU RoHS compliant
without Compensation Capacitor.		Flickering value (PstLM) - Flickering value as
Max. lamp no. on MCB B type 16A - EM ballast	-	EN 61000-3-3
with Compensation Capacitor.		Stroboscopic effect visibility measure (SVM)
Ballast Compatibility	Mains	
		Product Data
Temperature		Order product name
T-Case Maximum (Nom)	85 ℃	
		Full product name
Controls and Dimming		
Dimmable	Wireless Dim	Full product code
		Order code
Mechanical and Housing		Material Nr. (12NC)
Bulb Finish	Frosted	Numerator - Quantity Per Pack
Bulb Material	Plastic	EAN/UPC - Product/Case
Product Length	100 mm	Numerator - Packs per outer box
Bulb Shape	PAR16	EAN/UPC - Case
Net Weight (Piece)	0.052 kg	
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	
CE mark	Yes	
EU RoHS compliant	Yes	
Flickering value (PstLM) - Flickering value as per	0.5	
EN 61000-3-3		
Stroboscopic effect visibility measure (SVM)	0.1	
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	

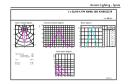
Dimensional drawing

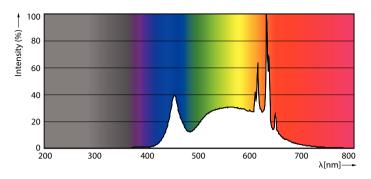


Product	D	с
MC LEDspot IA 4.7-50W GU10 940 36D	50 mm	54 mm

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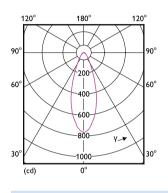
Photometric data





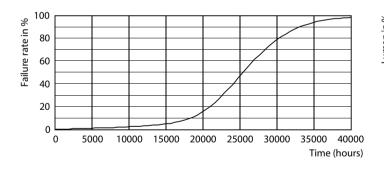
Accent Lighting Spots - MC LEDspot IA 4.7-50W GU10 940 36D

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

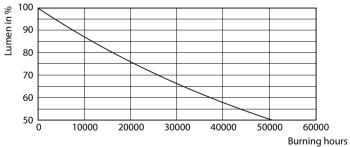


Light Distribution Diagram - MC LEDspot IA 4.7-50W GU10 940 36D

Lifetime



Life Expectancy Diagram



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

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