



MC LEDspot IA 4.7-50W
GU10 940 36D

929002253902



MasterConnect, LEDspot, PAR16, 50 W, GU10,
4000 K, 345 lm, CRI 90, 25000 hour(s), Plastic



MasterConnect, LEDspot, PAR16, 50 W, GU10, 4000 K, 345 lm, CRI 90, 25000 hour(s), Plastic,
73 lm/W, EEL F, PF 0.7, Beam angle 36 degree(s), 100 mm, RG1, IP20, SVM 0.1, PstLM 0.5

General Information

Cap-Base	GU10
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years

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
Wattage Equivalent	50 W
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
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

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	100 mm
Bulb Shape	PAR16
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 EN 61000-3-3	0.5
Stroboscopic effect visibility measure (SVM)	0.1

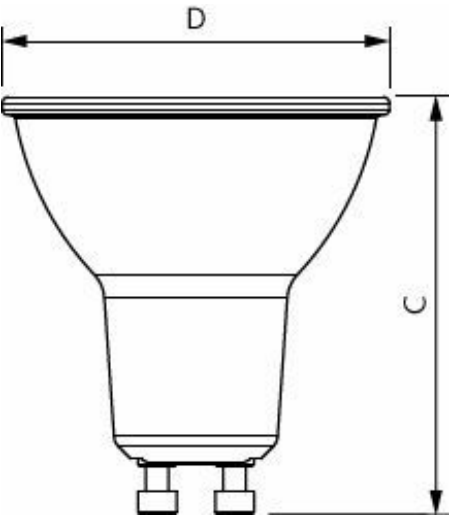
Application Conditions

Wireless Technology	Not applicable
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Product Data

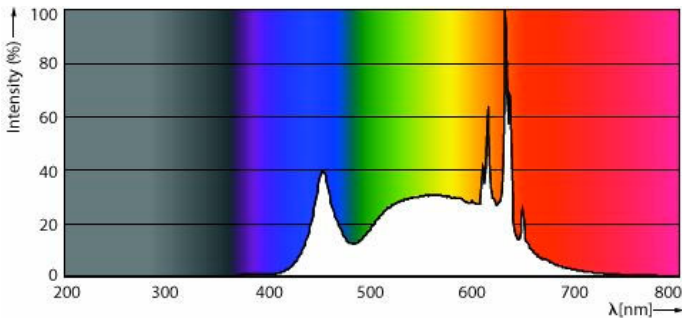
Order product name	MC LEDspot IA 4.7-50W GU10 940 36D
Full product name	MC LEDspot IA 4.7-50W GU10 940 36D
Full product code	871869969396100
Order code	69396100
Material Nr. (12NC)	929002253902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699693961
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699693978

Dimensional drawing

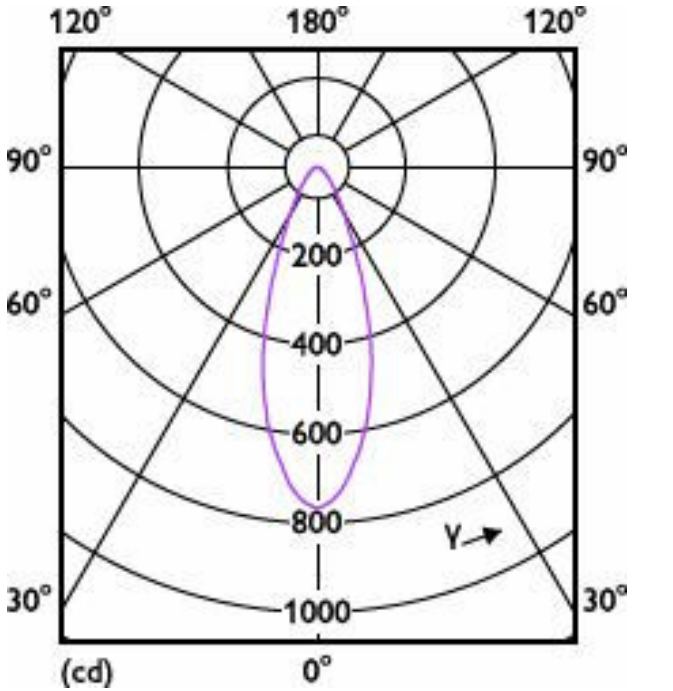


Product	D	C
MC LEDspot IA 4.7-50W GU10 940 36D	50 mm	54 mm

Photometric data

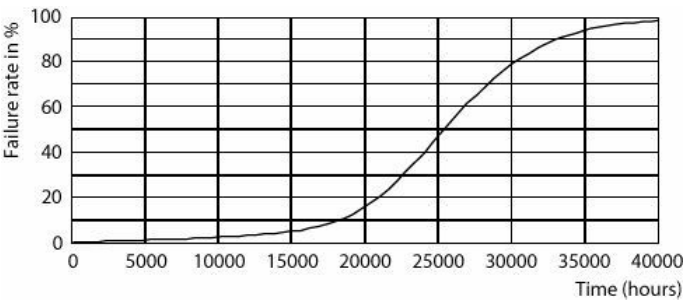


Spectral Power Distribution Colour - MC LEDspot IA 4.7-50W GU10 940 36D

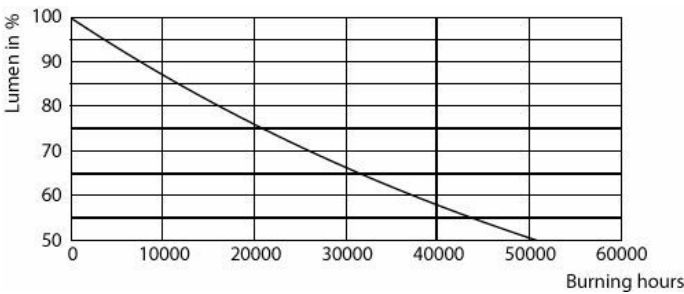


Light Distribution Diagram - MC LEDspot IA 4.7-50W GU10 940 36D

Lifetime



Life Expectancy Diagram



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

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	LEDspots_MC_Installation_Guide-INI.pdf	Download 
Environmental Product Declaration	Philips-MasterConnect-LEDspot-GU10-COMF-7538114-Ref-929002253802-EPD.pdf	Download 

