PHILIPS

Lighting



MASTER LED spot ExpertColor LV

G A↑G

MAS LED ExpertColor 7.5-43W MR16 927 36D

MASTER, LEDspot, MR16, 43 W, GU5.3, 2700 K, 485 lm, CRI 92, 40000 hour(s), Plastic

MASTER, LEDspot, MR16, 43 W, GU5.3, 2700 K, 485 lm, CRI 92, 40000 hour(s), Plastic, 64 lm/W, EEL G, PF 0.7, Beam angle 36 degree(s), RG1, IP20

Product data

General Information	
Cap-Base	GU5.3
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Flux measurement reference	Narrow Cone
Warranty period	5 years

Light Technical	
Color Code	927 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	485 lm
Luminous Intensity (Nom)	1,400 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	64 lm/W
Color Consistency	<3
Color rendering index (CRI)	92
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	485 lm
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7.5 W
Lamp Current (Nom)	720 mA
Wattage Equivalent	43 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V

Temperature	
T-Case Maximum (Nom)	93 °C

MASTER LED spot ExpertColor LV

Controls and Dimming	
Dimmable	Only with specific dimmers

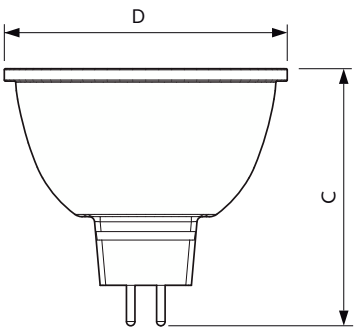
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	MR16
Net Weight (Piece)	0.052 kg

Approval and Application	
Energy Efficiency Class	G
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	624206
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Ambient temperature range	-20 to +45 °C

Application Conditions	
can it be used in closed luminaires	No
Wireless Technology	Not applicable

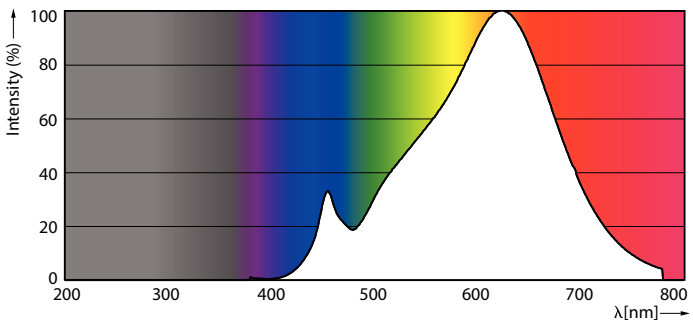
Product Data	
Order product name	MAS LED ExpertColor 7.5-43W MR16 927 36D
Full product name	MAS LED ExpertColor 7.5-43W MR16 927 36D
Full product code	871951435871300
Order code	929003080002
Material Nr. (12NC)	929003080002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514358713
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514358720

Dimensional drawing

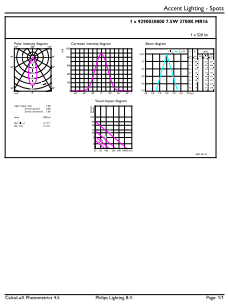


Product	D	C
MAS LED ExpertColor 7.5-43W MR16 927 36D	50.5 mm	46 mm

Photometric data



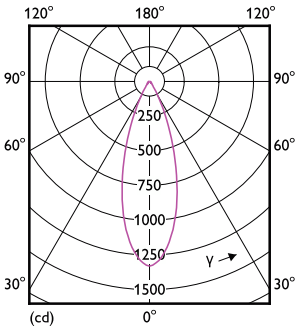
Spectral Power Distribution Colour - MAS LED ExpertColor 7.5-43W MR16 927 36D



Accent Lighting Spots - MAS LED ExpertColor 7.5-43W MR16 927 36D

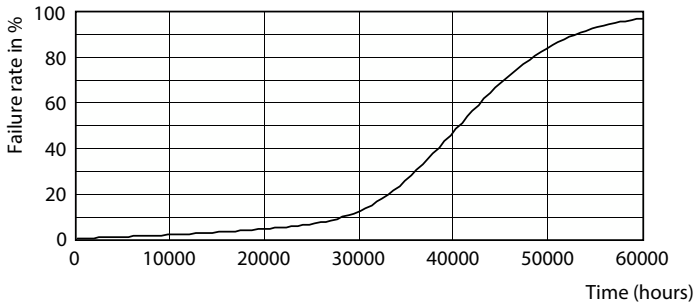
MASTER LED spot ExpertColor LV

Photometric data

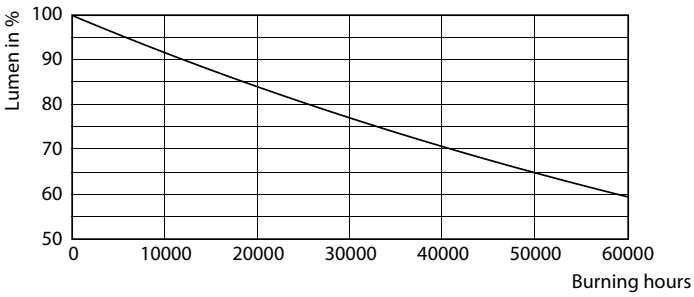


Light Distribution Diagram - MAS LED ExpertColor 7.5-43W MR16 927 36D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED ExpertColor 7.5-43W MR16 927 36D

© 2026 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.