MASTER LED spot ExpertColor LV

MAS LED MR16 ExpertColor 6.7-50W 930 24D

LEDspot, MR16, 50 W, GU5.3, 3000 K, 480 lm, 40000 hour(s)

LEDspot, MR16, 50 W, GU5.3, 3000 K, 480 lm, 40000 hour(s), 71.00 lm/W

Product data

General Information	
Cap-Base	GU5.3
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot

Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	2,400 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	71.00 lm/W
Color Consistency	<3
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz

Power Consumption	6.7 W
Lamp Current (Nom)	650 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)	ac electronic 12 V

Temperature	
T-Case Maximum (Nom)	92 °C

Controls and Dimming	
Dimmable	Only with specific dimmers

Mechanical and Housing	
Bulb Shape	MR16
Net Weight (Piece)	0.052 kg

Approval and Application	
Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes

MASTER LED spot ExpertColor LV

Ambient temperature range	-20 to +45 °C

Application Conditions

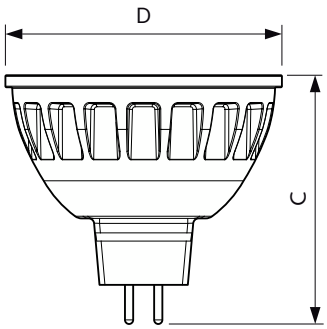
Wireless Technology	Not applicable

Product Data

Order product name	MAS LED MR16 ExpertColor 6.7-50W 930 24D
Full product name	MAS LED MR16 ExpertColor 6.7-50W 930 24D
Full product code	692234193704000

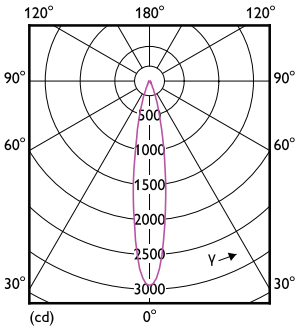
Order code	929003077110
Material Nr. (12NC)	929003077110
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6922341937040
Numerator - Packs per outer box	10
EAN/UPC - Case	6922341937057

Dimensional drawing

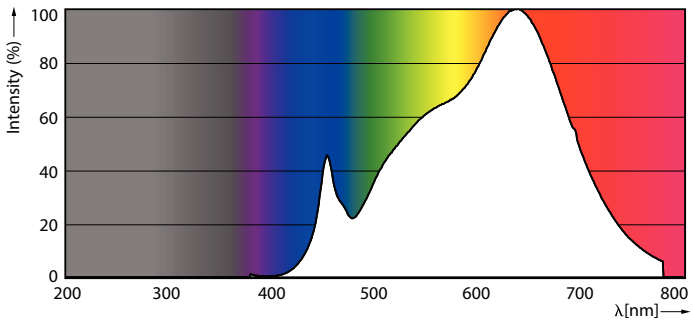


Product	D	C
MAS LED MR16 ExpertColor 6.7-50W 930 24D	50.5 mm	46 mm

Photometric data



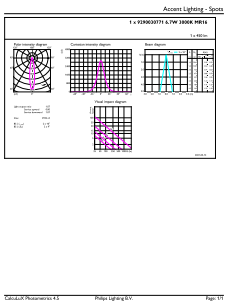
Light Distribution Diagram - MAS LED MR16 ExpertColor 6.7-50W 930 24D



Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 6.7-50W 930 24D

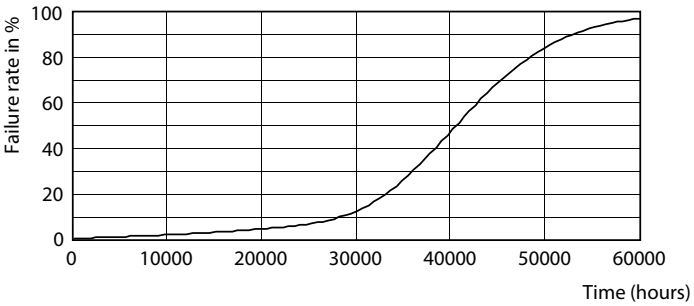
MASTER LED spot ExpertColor LV

Photometric data

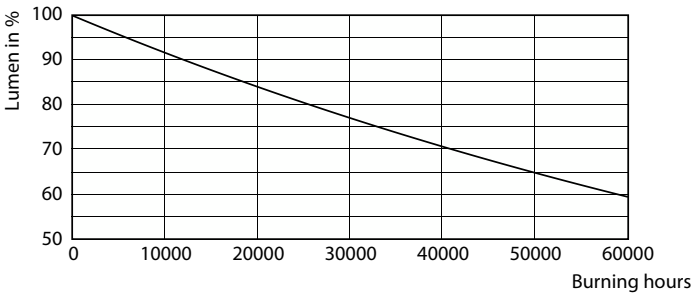


Accent Lighting Spots - MAS LED MR16 ExpertColor 6.7-50W 930 24D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED MR16 ExpertColor 6.7-50W 930 24D

© 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.