



MR16/GU10/PAR16

8.5MRX16/LED/F25 3000 DIM AF 10/1

Philips MR16 Dimmable LED Lamps provide ambient level light to illuminate hard to maintain applications. Increased transformer compatability allows for operation on a wider range of transformers. Available in dimmable and non-dimmable versions, these lamps are ideal for track and open recessed fixtures in retail, hospitality and residential spaces.

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	660 lm
Luminous Intensity (Nom)	3,250 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	78 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	621 lm
Operating and Electrical	
Line Frequency	60 Hz
,	

Input Frequency	60 Hz
Power Consumption	8.5 W
Lamp Current (Nom)	900 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)	12 V
Temperature	
T-Case Maximum (Nom)	105 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh

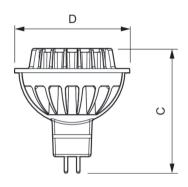
Datasheet, 2023, August 2 data subject to change

MR16/GU10/PAR16

Energy Certifications	Energy Star
Product Data	
Order product name	8.5MRX16/F25 3000 DIM AF 10/1
Full product name	8.5MRX16/LED/F25 3000 DIM AF 10/1
Order code	457515
Material Nr. (12NC)	929001149904

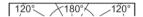
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677457518
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677457513

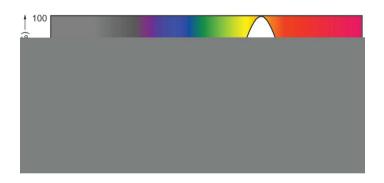
Dimensional drawing



Product	D	С
8.5MRX16/F25 3000 DIM AF 10/1	51 mm	55 mm

Photometric data





Light Distribution Diagram - 8.5MRX16/F25 3000 DIM AF 10/1

Spectral Power Distribution Colour - 8.5MRX16/F25 3000 DIM AF 10/1



© 2023 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.