CorePro LEDcapsule MV

CorePro LEDcapsuleMV 2.6-25W G9 827 D

This single-ended mains-voltage capsule for G9-base luminaires delivers directional light, making it a true alternative to halogen capsule lamps. It is particularly suitable for task lighting in shops, hotels and restaurants, and ideal for desk lamps and cabinet lighting. Compatible with existing fixtures with G9 holders and designed for retrofit replacement of halogen capsules, CorePro LEDcapsule delivers huge energy savings and minimizes maintenance costs, without any compromise on light quality.

Product data

General Information	
Cap base	G9 [G9]
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Colour Code	827 [CCT of 2700K]
Luminous Flux	300 lm
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	115.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Flickering value (PstLM)	1.0
Stroboscopic effect	0.4
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	2.6 W
Lamp current (nom.)	14.5 mA
Wattage equivalent	25 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

Temperature	
T-Case maximum (nom.)	86 °C

CorePro LEDcapsule MV

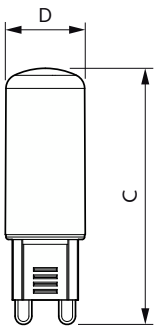
Controls and Dimming	
Dimmable	Only with specific dimmers

Mechanical and Housing	
Lamp Finish	Frosted
Bulb shape	Capsule

Approval and Application	
Energy Efficiency Class	E
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	3 kWh
EPREL registration number	374868
EyeComfort	Yes

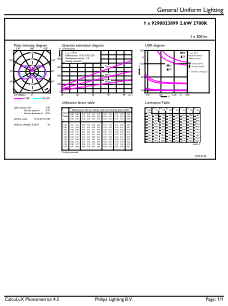
Product Data	
Order product name	CorePro LEDcapsuleMV 2.6-25W G9 827 D
Full product name	CorePro LEDcapsuleMV 2.6-25W G9 827 D
Full EOC	871869976669600
Order code	76669600
Material no. (12 NC)	929002389902
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699766696
Numerator – packs per outer box	12
EAN/UPC - Case	8718699766702

Dimensional drawing

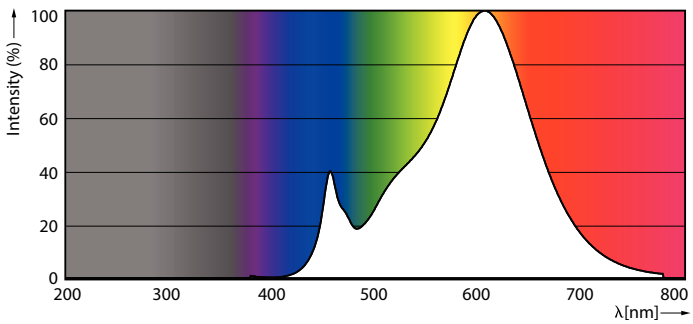


Product	D	C
CorePro LEDcapsuleMV 2.6-25W G9 827 D	15 mm	52 mm

Photometric data



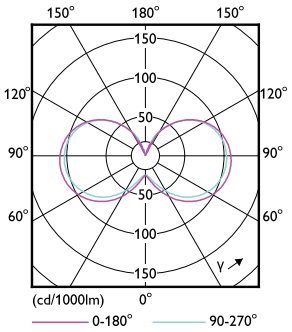
General uniform lighting - CorePro LEDcapsuleMV 2.6-25W G9 827 D



Spectral Power Distribution Colour - CorePro LEDcapsuleMV 2.6-25W G9 827 D

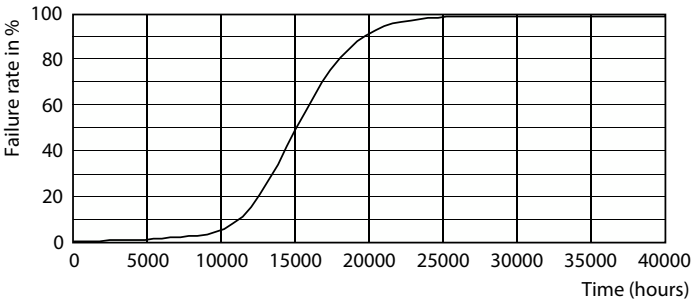
CorePro LEDcapsule MV

Photometric data

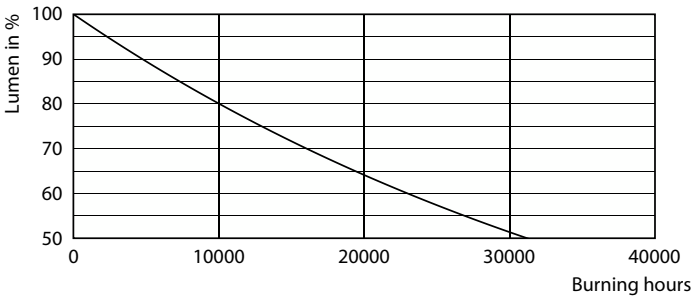


Light Distribution Diagram - CorePro LEDcapsuleMV 2.6-25W G9 827 D

Lifetime



Life Expectancy Diagram - CorePro LEDcapsuleMV 2.6-25W G9 827 D



Lumen Maintenance Diagram - CorePro LEDcapsuleMV 2.6-25W G9 827 D

© 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.