



CorePro LEDcapsule MV



CorePro LEDcapsuleMV 4-40W 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
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	320 degree(s)
Luminous Flux	480 lm
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	120 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical	
Input frequency	50 to 60 Hz
Power Consumption	4 W
Lamp current (nom.)	24 mA
Wattage equivalent	40 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	93 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic

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Bulb shape	G9
Net Weight (Piece)	0.011 kg

Approval and Application

Energy Efficiency Class	E
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	4 kWh
EPREL Registration Number	1932585
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C

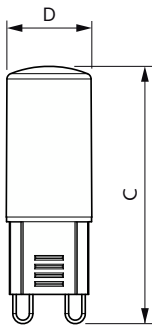
Application Conditions

Can it be used in closed luminaires	No
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Product Data

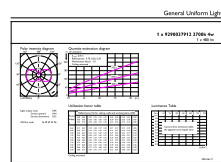
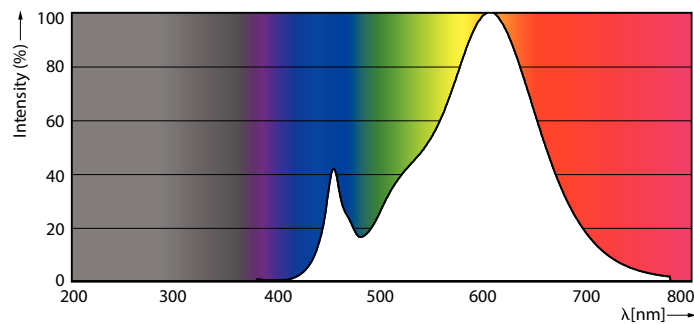
Order product name	CorePro LEDcapsuleMV 4-40W G9 827 D
Full product name	CorePro LEDcapsuleMV 4-40W G9 827 D
Full EOC	872016930177100
Order code	30177100
Material no. (12 NC)	929003791202
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169301771
Numerator – packs per outer box	12
EAN/UPC – Case	8720169301788

Dimensional drawing



Product	D	C
CorePro LEDcapsuleMV 4-40W G9 827 D	18 mm	59 mm

Photometric data



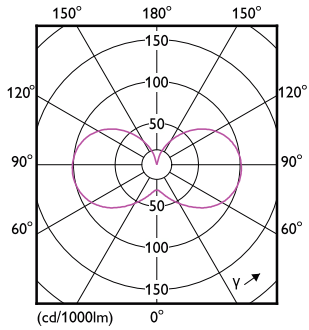
General uniform lighting - CorePro LEDcapsuleMV 4-40W G9 827 D

Spectral Power Distribution Colour - CorePro LEDcapsuleMV 4-40W G9 827 D

General uniform lighting - CorePro LEDcapsuleMV 4-40W G9 827 D

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Photometric data



Light Distribution Diagram - CorePro LEDcapsuleMV 4-40W G9 827 D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDcapsuleMV 4-40W G9 827 D

