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]
Luminous Flux	480 lm
Luminous efficacy (rated) (nom.)	120.00 lm/W
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
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	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)	0.7
Voltage (nom.)	220-240 V

Temperature

T-Case maximum (nom.)	86 °C

Controls and Dimming

Dimmable	Only with specific dimmers

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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	4 kWh
EPREL registration number	374869
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

Application Conditions

|	
Can it be used in closed luminaires	No

Product Data

Order product name	CorePro LEDcapsuleMV 4-40W G9 827 D
Full product name	CorePro LEDcapsuleMV 4-40W G9 827 D
Full EOC	871869976673300
Order code	76673300
Material no. (12 NC)	929002390002
Numerator – quantity per pack	1
Net Weight (Piece)	0.012 kg
EAN/UPC — Product/Case	8718699766733
Numerator – packs per outer box	12
EAN/UPC – Case	8718699766740

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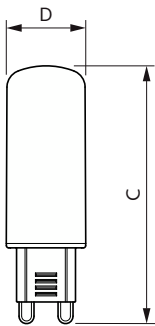
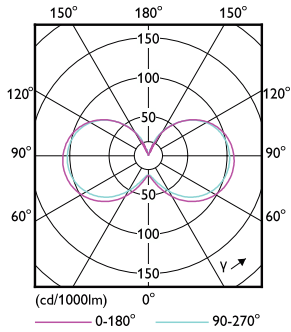| Product	D	C
CorePro LEDcapsuleMV 4-40W G9 827 D	18 mm	59 mm

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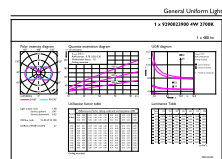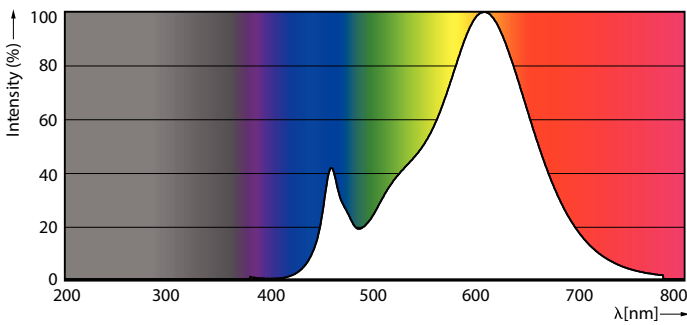
Spectral Power Distribution Colour – CorePro LEDcapsuleMV 4-40W G9 827 D

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

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Photometric data

150° 180° 150°
150
100
120° 50 120°
90° 90°
50
60° 100 60°
150
(cd/1000lm) 0°
─── 0-180°   ─── 90-270°

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

Lifetime

Life Expectancy Diagram

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