



CorePro LEDcapsule LV



CorePro LEDcapsuleLV 1-10W G4 827micro

The CorePro LEDcapsule is a true alternative to the halogen capsule. It is particularly suitable for task lighting and decorative applications in homes, shops, hotels and restaurants. Compatible with existing fixtures with G4 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	G4
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	827 [CCT of 2700K]
Luminous Flux	100 lm
Color Designation	Warm White (WW)
Luminous Efficacy (rated) (Nom)	100 lm/W
Correlated Color Temperature (Nom)	2700 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Input Frequency	- Hz
Power Consumption	1 W
Lamp Current (Nom)	135 mA
Wattage Equivalent	10 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	ac electronic 12 V
Temperature	
Ambient temperature range	-20 to +45 °C
T-Case Maximum (Nom)	62 °C
Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Clear Plastic
Bulb Shape	Capsule

Approval and Application

Energy Efficiency Class	F
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	1 kWh
EPREL Registration Number	1879165
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

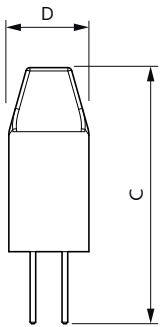
Application Conditions

can it be used in closed luminaires	No
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Product Data

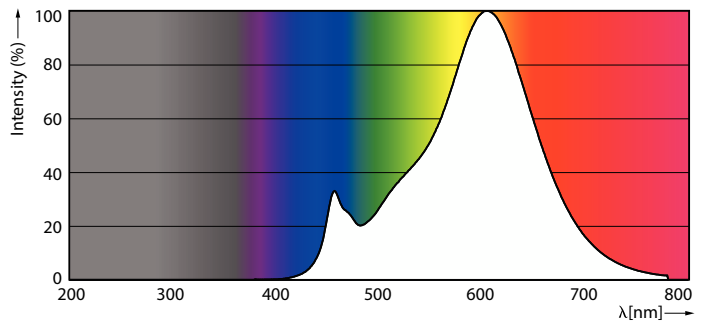
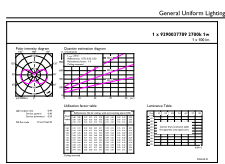
Order product name	CorePro LEDcapsuleLV 1-10W G4 827micro
Full product name	CorePro LEDcapsuleLV 1-10W G4 827micro
Full product code	872016930043900
Order code	30043900
Material Nr. (12NC)	929003778902
Net Weight (Piece)	0.002 kg
EAN/UPC - Product/Case	8720169300439
Numerator - Packs per outer box	12
EAN/UPC - Case	8720169300446

Dimensional drawing



Product	D	C
CorePro LEDcapsuleLV 1-10W G4 827micro	10 mm	30 mm

Photometric data

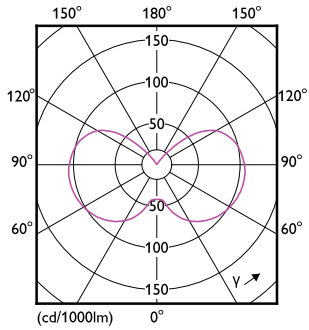


General uniform lighting - CorePro LEDcapsuleLV 1-10W G4 827micro

Spectral Power Distribution Colour - CorePro LEDcapsuleLV 1-10W G4 827micro

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Photometric data



Light Distribution Diagram - CorePro LEDcapsuleLV 1-10W G4 827micro

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDcapsuleLV 1-10W G4 827micro

