



CorePro LEDcapsule LV



CorePro LEDcapsuleLV 1.7-20W G4micro 827

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		Photobiological safety according to EN 62471	
Cap-Base	G4	RG0	
Nominal lifetime	15,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Input Frequency	- Hz
Lighting Technology	LED	Power Consumption	1.7 W
Flux measurement reference	Sphere	Lamp Current (Nom)	235 mA
Light Technical		Wattage Equivalent	20 W
Color Code	827 [CCT of 2700K]	Starting Time (Nom)	0.5 s
Luminous Flux	200 lm	Warm-up time to 60% light	0.5 s
Luminous Efficacy (rated) (Nom)	117 lm/W	Power Factor (Fraction)	0.5
Color Designation	Warm White (WW)	Voltage (Nom)	ac electronic 12 V
Correlated Color Temperature (Nom)	2700 K	Temperature	
Color Consistency	<6	Ambient temperature range	-20 to +45 °C
Color rendering index (CRI)	80	T-Case Maximum (Nom)	60 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and Dimming	
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1	Dimmable	No
Stroboscopic effect visibility measure (SVM)	0.4		

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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	2 kWh
EPREL Registration Number	1879160
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

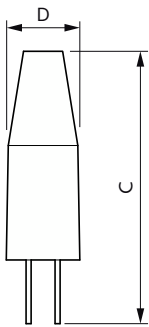
Application Conditions

can it be used in closed luminaires	No
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Product Data

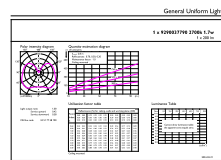
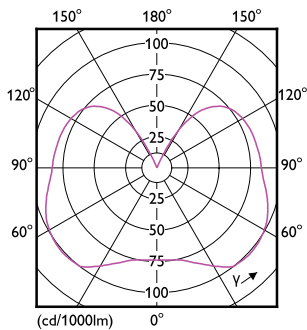
Order product name	CorePro LEDcapsuleLV 1.7-20W G4micro 827
Full product name	CorePro LEDcapsuleLV 1.7-20W G4micro 827
Full product code	872016930047700
Order code	929003779002
Material Nr. (12NC)	929003779002
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.002 kg
EAN/UPC - Product/Case	8720169300477
Numerator - Packs per outer box	12
EAN/UPC - Case	8720169300484

Dimensional drawing



Product	D	C
CorePro LEDcapsuleLV 1.7-20W G4micro 827	9.5 mm	37.5 mm

Photometric data

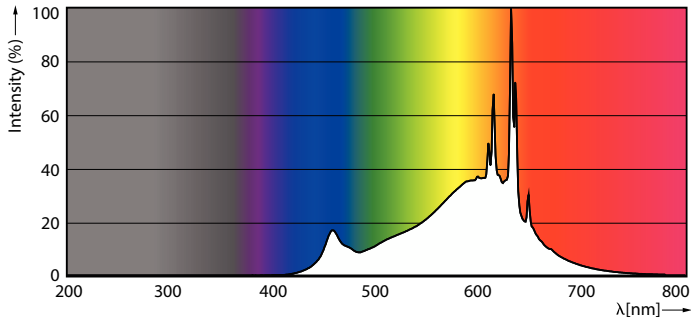


Light Distribution Diagram - CorePro LEDcapsuleLV 1.7-20W G4micro 827

General uniform lighting - CorePro LEDcapsuleLV 1.7-20W G4micro 827

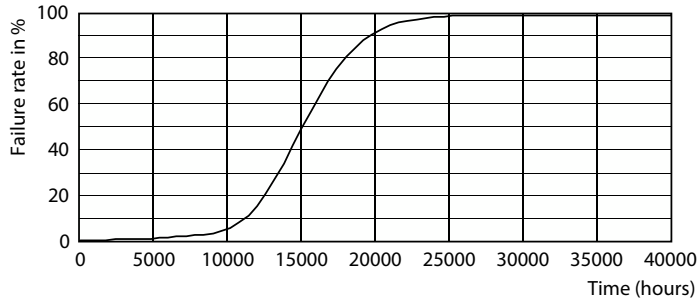
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Photometric data

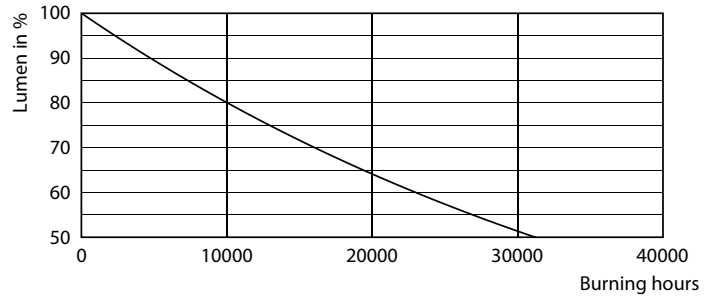


Spectral Power Distribution Colour - CorePro LEDcapsuleLV 1.7-20W
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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDcapsuleLV 1.7-20W G4micro 827

