



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		Power Consumption	
Cap-Base	G4	Lamp Current (Nom)	235 mA
Nominal lifetime	15,000 hour(s)	Wattage Equivalent	20 W
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
Flux measurement reference	Sphere	Power Factor (Fraction)	0.5
		Voltage (Nom)	ac electronic 12 V
Light Technical		Temperature	
Color Code	827 [CCT of 2700K]	T-Case Maximum (Nom)	60 °C
Luminous Flux	200 lm		
Color Designation	Warm White (WW)	Controls and Dimming	
Correlated Color Temperature (Nom)	2700 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	117 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Clear
Color rendering index (CRI)	80	Bulb Material	Clear Plastic
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Shape	Capsule
Photobiological safety according to EN 62471	RG0	Net Weight (Piece)	0.002 kg
Operating and Electrical			
Input Frequency	- Hz		

CorePro LEDcapsule LV

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
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

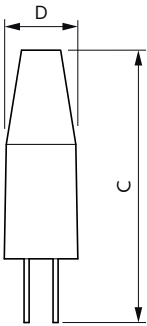
Application Conditions

can it be used in closed luminaires	No
-------------------------------------	----

Product Data

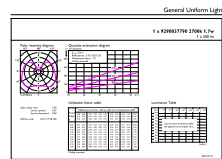
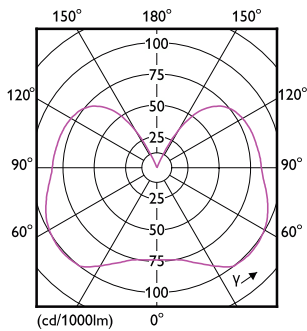
Order product name	CorePro LEDcapsuleLV 1.7-20W G4micro 827
Full product name	CorePro LEDcapsuleLV 1.7-20W G4micro 827
Full product code	872016930047700
Order code	929003779002
Material Nr. (12NC)	929003779002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169300477
Numerator - Packs per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

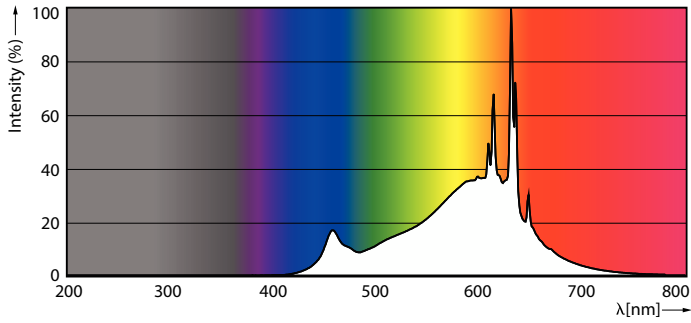


Light Distribution Diagram - CorePro LEDcapsuleLV 1.7-20W G4micro 827

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

CorePro LEDcapsule LV

Photometric data

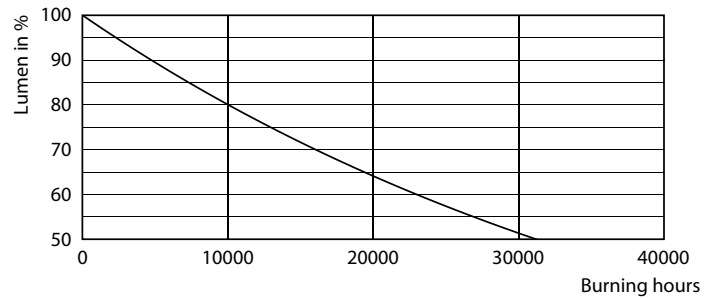


Spectral Power Distribution Colour - CorePro LEDcapsuleLV 1.7-20W
G4micro 827

Lifetime



Life Expectancy Diagram



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

