# Lighting

**PHILIPS** 



## CorePro LEDcapsule LV

### CorePro LEDcapsuleLV 2.1-20W G4 827 D

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	210 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Input Frequency	- Hz

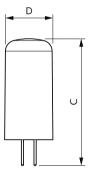
Power Consumption	2.1 W	
Lamp Current (Nom)	190 mA	
Wattage Equivalent	20 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	ac electronic 12 V	
Temperature		
T-Case Maximum (Nom)	64 ℃	
Controls and Dimming		
Dimmable	Only with specific dimmers	
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Material	Plastic	
Bulb Shape	Capsule	
Net Weight (Piece)	0.006 kg	

#### CorePro LEDcapsule LV

Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1879162
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
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 2.1-20W G4	
	827 D	
Full product name	CorePro LEDcapsuleLV 2.1-20W G4	
	827 D	
Full product code	872016930055200	
Order code	929003779202	
Material Nr. (12NC)	929003779202	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8720169300552	
Numerator - Packs per outer box	12	
EAN/UPC - Case	8720169300569	

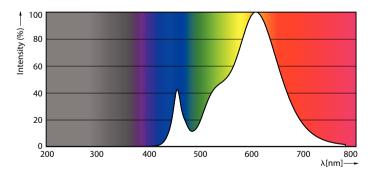
#### Dimensional drawing



Photometric data

General Uniform Lightin × 9280037792 2780k 2.1w

Product	D	с
CorePro LEDcapsuleLV 2.1-20W G4 827 D	15 mm	40 mm

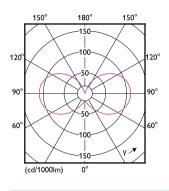


General uniform lighting - CorePro LEDcapsuleLV 2.1-20W G4 827 D

Spectral Power Distribution Colour - CorePro LEDcapsuleLV 2.1-20W G4 827 D

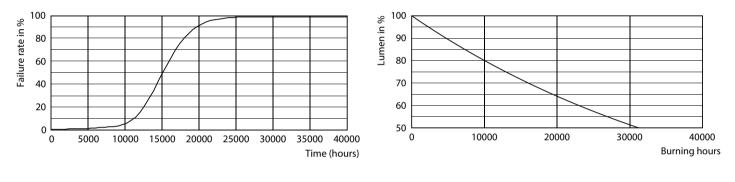
#### CorePro LEDcapsule LV

#### Photometric data



Light Distribution Diagram - CorePro LEDcapsuleLV 2.1-20W G4 827 D

#### Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LEDcapsuleLV 2.1-20W G4 827 D



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