



CorePro LEDcapsule LV



CorePro LEDcapsuleLV 1.8-20W GY6.35 827

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 significant energy savings and minimises maintenance costs without any compromise on light quality.

Product data

General Information		Operating and Electrical	
Cap base	GY6.35	Line Frequency	- Hz
Nominal lifetime	15,000 h	Input frequency	- Hz
Switching Cycle	50,000	Power Consumption	1.8 W
Lighting Technology	LED	Lamp current (nom.)	260 mA
Flux measurement reference	Sphere	Wattage equivalent	20 W
		Starting time (nom.)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.6
		Voltage (nom.)	ac electronic 12 V
Light Technical		Temperature	
Colour Code	827 [CCT of 2700K]	T-Case maximum (nom.)	80 °C
Beam angle (nom.)	300 degree(s)		
Luminous Flux	205 lm	Controls and Dimming	
Colour designation	Warm White (WW)	Dimmable	No
Correlated Colour Temperature (Nom)	2700 K		
Luminous efficacy (rated) (nom.)	113.00 lm/W	Mechanical and Housing	
Colour consistency	<6	Bulb shape	Capsule
Colour rendering index (CRI)	80		
LLMF at end of nominal lifetime (nom.)	70 %		
Photobiological safety according to EN 62471	RG1		

CorePro LEDcapsule LV

Net Weight (Piece)	0.010 kg
--------------------	----------

Approval and Application

Energy Efficiency Class	F
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	2 kWh
EPREL Registration Number	374877
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	0.4
Stroboscopic effect	1

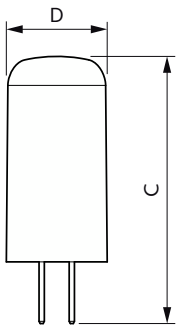
Application Conditions

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

Product Data

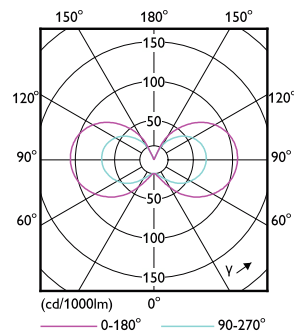
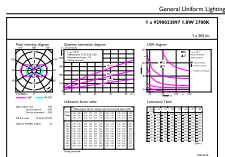
Order product name	CorePro LEDcapsuleLV 1.8-20W GY6.35 827
Full product name	CorePro LEDcapsuleLV 1.8-20W GY6.35 827
Full EOC	871869976779200
Order code	76779200
Material no. (12 NC)	929002389702
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699767792
Numerator – packs per outer box	12
EAN/UPC – Case	8718699767808

Dimensional drawing



Product	D	C
CorePro LEDcapsuleLV 1.8-20W GY6.35 827	13 mm	35 mm

Photometric data

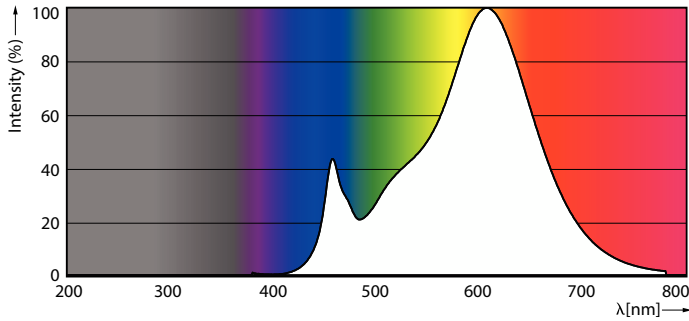


General uniform lighting - CorePro LEDcapsuleLV 1.8-20W GY6.35 827

Light Distribution Diagram - CorePro LEDcapsuleLV 1.8-20W GY6.35 827

CorePro LEDcapsule LV

Photometric data



Spectral Power Distribution Colour - CorePro LEDcapsuleLV 1.8-20W GY6.35 827

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDcapsuleLV 1.8-20W GY6.35 827

