PHILIPS Lighting



CorePro LEDcapsule LV - For task lighting and decorative applications

CorePro LEDcapsule LV

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.

Benefits

- \cdot Up to 88% energy saving compared with halogen lamps
- Broad compatibility with transformers
- Lower maintenance costs

Features

- Easy retrofit
- Lifetime of 15,000 hours
- \cdot UV- and IR-free light
- \cdot Free of mercury and hazardous materials

Application

- Hotels, restaurants, bars, cafés
- Lobbies, corridors, stairwells, washrooms, reception areas, under-cabinet fixtures, cabinet lighting

CorePro LEDcapsule LV

Versions

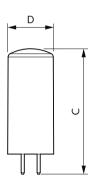


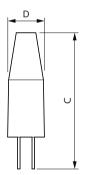


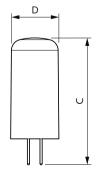


Product standard image

Dimensional drawing







LED 20W G4 WW 12V Dim SRT6

Product	D	с
CorePro LEDcapsuleLV 4.2-40W GY6.35 827D	18 mm	50 mm

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

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

Product family leaflet, 2024, August 29

CorePro LEDcapsule LV

General Information	
Switching Cycle	50,000
Nominal lifetime	15,000 hour(s)
Light Technical	
Correlated Color Temperature (Nom)	2700 K
Color rendering index (CRI)	80
Color Code	827
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Input Frequency	– Hz
Starting Time (Nom)	0.5 s
Mechanical and Housing	
Bulb Shape	Capsule

General Information

Order Code	Full Product Name	Cap-Base
30047700	CorePro LEDcapsuleLV 1.7-20W G4micro 827	G4
30055200	CorePro LEDcapsuleLV 2.1-20W G4 827 D	G4
17102200	CorePro LEDcapsuleLV 4.2-40W GY6.35 827D	GY6.35

Light Technical

Order Code	Full Product Name	Luminous Flux
30047700	CorePro LEDcapsuleLV 1.7-20W G4micro 827	200 lm
30055200	CorePro LEDcapsuleLV 2.1-20W G4 827 D	210 lm

Order Code	Full Product Name	Luminous Flux
17102200	CorePro LEDcapsuleLV 4.2-40W GY6.35 827D	470 lm

Operating and Electrical

		Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent
30047700	CorePro LEDcapsuleLV	-	1.7 W	20 W
	1.7-20W G4micro 827			
30055200	CorePro LEDcapsuleLV	-	2.1 W	20 W
	2.1-20W G4 827 D			

		Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent
17102200	CorePro LEDcapsuleLV	- Hz	4.2 W	40 W
	4.2-40W GY6.35 827D			

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
30047700	CorePro LEDcapsuleLV 1.7-20W G4micro 827	60 °C
30055200	CorePro LEDcapsuleLV 2.1-20W G4 827 D	64 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
17102200	CorePro LEDcapsuleLV 4.2-40W GY6.35 827D	90 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
30047700	CorePro LEDcapsuleLV 1.7-20W G4micro 827	No
30055200	CorePro LEDcapsuleLV 2.1-20W G4 827 D	Only with specific dimmers

Order Code	Full Product Name	Dimmable
17102200	CorePro LEDcapsuleLV 4.2-40W GY6.35 827D	Only with specific dimmers

Mechanical and Housing

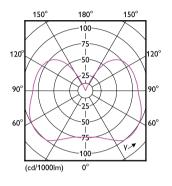
Order Code	Full Product Name	Bulb Finish
30047700	CorePro LEDcapsuleLV 1.7-20W G4micro 827	Clear
30055200	CorePro LEDcapsuleLV 2.1-20W G4 827 D	Frosted

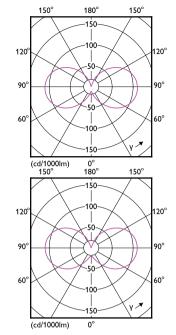
Order Code	Full Product Name	Bulb Finish
17102200	CorePro LEDcapsuleLV 4.2-40W GY6.35 827D	Frosted

Approval and Application

CorePro LEDcapsule LV

			Energy
		Ambient temperature	Consumption kWh/
Order Code	Full Product Name	range	1000 h
30047700	CorePro LEDcapsuleLV	-20 to +45 °C	2 kWh
	1.7-20W G4micro 827		
30055200	CorePro LEDcapsuleLV	-20 to +45 °C	3 kWh
	2.1-20W G4 827 D		
17102200	CorePro LEDcapsuleLV	-20 °C to 45 °C	5 kWh
	4.2-40W GY6.35 827D		







© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2024, August 29 - data subject to change