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

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

Features

- Easy retrofit
- Lifetime of 15,000 hours
- UV- and IR-free light
- 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



G4 Capsule



LEDspot G4 Capule

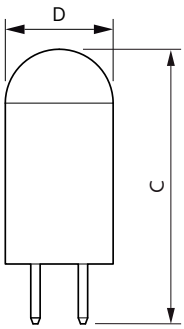


LEDspot G4 Capule

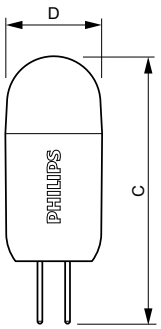


LEDspot G4 Capule Frosted

Dimensional drawing



Product	D	C
CorePro LEDcapsuleLV 1.7-20W G4 830	14.5 mm	38 mm
CorePro LEDcapsuleLV 2.5-28W G4 827	15 mm	46.5 mm
CorePro LEDcapsuleLV 1.7-20W G4 827	14.5 mm	38 mm
CorePro LEDcapsuleLV 0.9-10W G4 827	14.5 mm	38 mm
CorePro LEDcapsuleLV 1.7-20W GY6.35 827	15 mm	39 mm
CorePro LEDcapsuleLV 0.9-10W G4 830	14.5 mm	38 mm



Product	D	C
CorePro LEDcapsuleLV 2-20W G4 827 D	17 mm	48 mm

CorePro LEDcapsule LV

Approval and Application	
Energy Efficiency Label (EEL)	A++
Operating and Electrical	
Input Frequency	- Hz
Starting Time (Nom)	0.5 s
General Information	
Nominal Lifetime (Nom)	15000 h
Switching Cycle	50000X
Light Technical	
Color Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Shape	Capsule

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001235302	CorePro LEDcapsuleLV 2-20W G4 827 D	3 kWh
929001843902	CorePro LEDcapsuleLV 0.9-10W G4 827	1 kWh
929001844002	CorePro LEDcapsuleLV 0.9-10W G4 830	1 kWh
929001844102	CorePro LEDcapsuleLV 1.7-20W G4 827	2 kWh
929001844202	CorePro LEDcapsuleLV 1.7-20W G4 830	2 kWh
929001844302	CorePro LEDcapsuleLV 1.7-20W GY6.35 827	2 kWh
929001896702	CorePro LEDcapsuleLV 2.5-28W G4 827	3 kWh

Controls and Dimming

Order Code	Full Product Name	Dimmable
929001235302	CorePro LEDcapsuleLV 2-20W G4 827 D	Yes
929001843902	CorePro LEDcapsuleLV 0.9-10W G4 827	No
929001844002	CorePro LEDcapsuleLV 0.9-10W G4 830	No
929001844102	CorePro LEDcapsuleLV 1.7-20W G4 827	No

Order Code	Full Product Name	Dimmable
929001844202	CorePro LEDcapsuleLV 1.7-20W G4 830	No
929001844302	CorePro LEDcapsuleLV 1.7-20W GY6.35 827	No
929001896702	CorePro LEDcapsuleLV 2.5-28W G4 827	No

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929001235302	CorePro LEDcapsuleLV 2-20W G4 827 D	12 V	20 W	2 W
929001843902	CorePro LEDcapsuleLV 0.9-10W G4 827	12 V	10 W	0.9 W
929001844002	CorePro LEDcapsuleLV 0.9-10W G4 830	12 V	10 W	0.9 W
929001844102	CorePro LEDcapsuleLV 1.7-20W G4 827	12 V	20 W	1.7 W

Order Code	Full Product Name	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929001844202	CorePro LEDcapsuleLV 1.7-20W G4 830	12 V	20 W	1.7 W
929001844302	CorePro LEDcapsuleLV 1.7-20W GY6.35 827	AC Electronic 12 V	20 W	1.7 W
929001896702	CorePro LEDcapsuleLV 2.5-28W G4 827	ac electronic 12 V	28 W	2.5 W

General Information

Order Code	Full Product Name	Cap-Base
929001235302	CorePro LEDcapsuleLV 2-20W G4 827 D	G4
929001843902	CorePro LEDcapsuleLV 0.9-10W G4 827	G4
929001844002	CorePro LEDcapsuleLV 0.9-10W G4 830	G4
929001844102	CorePro LEDcapsuleLV 1.7-20W G4 827	G4

Order Code	Full Product Name	Cap-Base
929001844202	CorePro LEDcapsuleLV 1.7-20W G4 830	G4
929001844302	CorePro LEDcapsuleLV 1.7-20W GY6.35 827	GY6.35
929001896702	CorePro LEDcapsuleLV 2.5-28W G4 827	G4

Light Technical

CorePro LEDcapsule LV

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
929001235302	CorePro LEDcapsuleLV 2-20W G4 827 D	827	2700 K	200 lm
929001843902	CorePro LEDcapsuleLV 0.9-10W G4 827	827	2700 K	110 lm
929001844002	CorePro LEDcapsuleLV 0.9-10W G4 830	830	3000 K	110 lm
929001844102	CorePro LEDcapsuleLV 1.7-20W G4 827	827	2700 K	205 lm

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
929001844202	CorePro LEDcapsuleLV 1.7-20W G4 830	830	3000 K	205 lm
929001844302	CorePro LEDcapsuleLV 1.7-20W GY6.35 827	827	2700 K	210 lm
929001896702	CorePro LEDcapsuleLV 2.5-28W G4 827	827	2700 K	300 lm

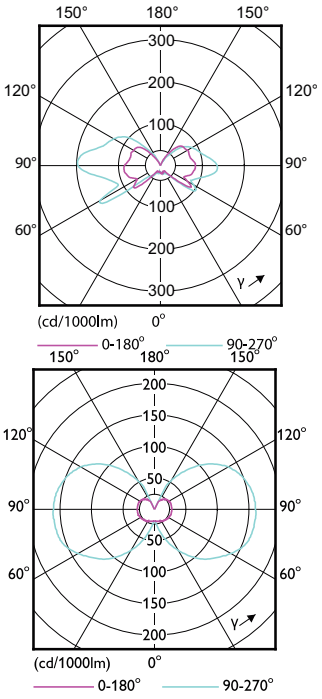
Mechanical and Housing

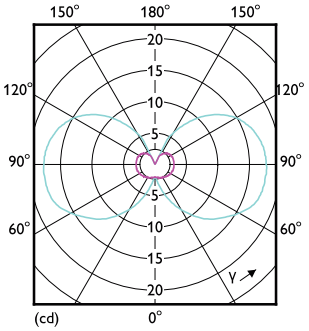
Order Code	Full Product Name	Bulb Finish
929001235302	CorePro LEDcapsuleLV 2-20W G4 827 D	-
929001843902	CorePro LEDcapsuleLV 0.9-10W G4 827	-
929001844002	CorePro LEDcapsuleLV 0.9-10W G4 830	-
929001844102	CorePro LEDcapsuleLV 1.7-20W G4 827	-

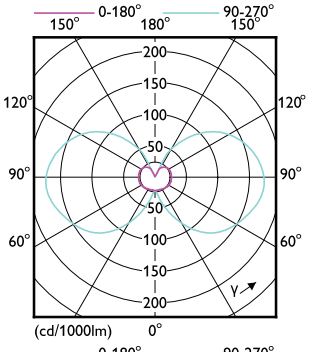
Order Code	Full Product Name	Bulb Finish
929001844202	CorePro LEDcapsuleLV 1.7-20W G4 830	-
929001844302	CorePro LEDcapsuleLV 1.7-20W GY6.35 827	-
929001896702	CorePro LEDcapsuleLV 2.5-28W G4 827	Frosted

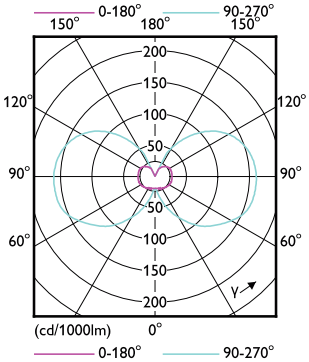
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001235302	CorePro LEDcapsuleLV 2-20W G4 827 D	84 °C
929001843902	CorePro LEDcapsuleLV 0.9-10W G4 827	51 °C
929001844002	CorePro LEDcapsuleLV 0.9-10W G4 830	51 °C
929001844102	CorePro LEDcapsuleLV 1.7-20W G4 827	56 °C
929001844202	CorePro LEDcapsuleLV 1.7-20W G4 830	56 °C
929001844302	CorePro LEDcapsuleLV 1.7-20W GY6.35 827	56 °C
929001896702	CorePro LEDcapsuleLV 2.5-28W G4 827	75 °C











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