# **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
- $\cdot$  Broad compatibility with transformers
- Lower maintenance costs

#### Features

- $\cdot$  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





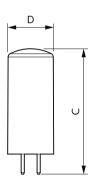


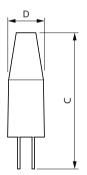
Product

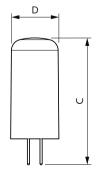
CorePro LEDcapsuleLV 4.2-40W GY6.35 827D

Product standard image

# Dimensional drawing







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

D

18 mm

с

50 mm

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

# 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
Input Frequency Starting Time (Nom)	- Hz 0.5 s
Starting Time (Nom)	

# **General Information**

Order Code	Full Product Name	Cap-Base
929003779002	CorePro LEDcapsuleLV 1.7-20W G4micro 827	G4
929003779202	CorePro LEDcapsuleLV 2.1-20W G4 827 D	G4
929003609002	CorePro LEDcapsuleLV 4.2-40W GY6.35 827D	GY6.35

# Light Technical

Order Code	Full Product Name	Luminous Flux
929003779002	CorePro LEDcapsuleLV 1.7-20W G4micro 827	200 lm
929003779202	CorePro LEDcapsuleLV 2.1-20W G4 827 D	210 lm

Order Code	Full Product Name	Luminous Flux
929003609002	CorePro LEDcapsuleLV 4.2-40W GY6.35 827D	470 lm

# **Operating and Electrical**

	Line	Power	Wattage
Full Product Name	Frequency	Consumption	Equivalent
CorePro	-	1.7 W	20 W
LEDcapsuleLV			
1.7-20W G4micro 827			
CorePro	-	2.1 W	20 W
LEDcapsuleLV			
2.1-20W G4 827 D			
	CorePro LEDcapsuleLV 1.7-20W G4micro 827 CorePro LEDcapsuleLV	Full Product Name Frequency   CorePro -   LEDcapsuleLV -   1.7-20W G4micro 827 -   CorePro -   LEDcapsuleLV -	Full Product NameFrequencyConsumptionCorePro-1.7 WLEDcapsuleLV1.7-20W G4micro 827CorePro-2.1 WLEDcapsuleLV

		Line	Power	Wattage
Order Code	Full Product Name	Frequency	Consumption	Equivalent
929003609002	CorePro	- Hz	4.2 W	40 W
	LEDcapsuleLV			
	4.2-40W GY6.35 827D			

# Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929003779002	CorePro LEDcapsuleLV 1.7-20W G4micro	60 °C
	827	
929003779202	CorePro LEDcapsuleLV 2.1-20W G4 827 D	64 °C

C	order Code	Full Product Name	T-Case Maximum (Nom)
9	29003609002	CorePro LEDcapsuleLV 4.2-40W GY6.35	90 °C
		827D	

# **Controls and Dimming**

Order Code	Full Product Name	Dimmable
929003779002	CorePro LEDcapsuleLV 1.7-20W G4micro	No
	827	
929003779202	CorePro LEDcapsuleLV 2.1-20W G4 827 D	Only with specific
		dimmers

Order Code	Full Product Name	Dimmable
929003609002	CorePro LEDcapsuleLV 4.2-40W GY6.35	Only with specific
	827D	dimmers

# Mechanical and Housing

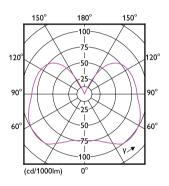
# CorePro LEDcapsule LV

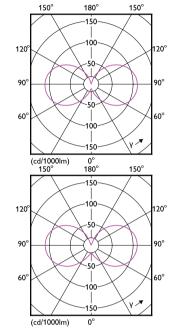
Order Code	Full Product Name	Bulb Finish
929003779002	CorePro LEDcapsuleLV 1.7-20W G4micro 827	Clear
929003779202	CorePro LEDcapsuleLV 2.1-20W G4 827 D	Frosted

Order Code	Full Product Name	Bulb Finish
929003609002	CorePro LEDcapsuleLV 4.2-40W GY6.35 827D	Frosted

#### Approval and Application

			Energy
		Ambient temperature	Consumption kWh/
Order Code	Full Product Name	range	1000 h
929003779002	CorePro LEDcapsuleLV	-20 to +45 °C	2 kWh
	1.7-20W G4micro 827		
929003779202	CorePro LEDcapsuleLV	-20 to +45 °C	3 kWh
	2.1-20W G4 827 D		
929003609002	CorePro LEDcapsuleLV	-20 °C to 45 °C	5 kWh
	4.2-40W GY6.35 827D		







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