



CorePro LEDcapsule LV



CorePro LEDcapsuleLV 2.4-28W G4micro 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

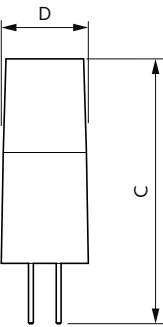
General Information	
Cap base	G4
Nominal lifetime	15,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Colour Code	827 [CCT of 2700K]
Luminous Flux	300 lm
Luminous efficacy (rated) (nom.)	125 lm/W
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Photobiological safety according to EN 62471 RGO	
Operating and Electrical	
Input frequency	~ Hz
Power Consumption	2.4 W
Lamp current (nom.)	315 mA
Wattage equivalent	28 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (nom.)	ac electronic 12 V
Temperature	
Ambient temperature range	-20 to +45 °C
T-Case maximum (nom.)	80 °C
Controls and Dimming	
Dimmable	No

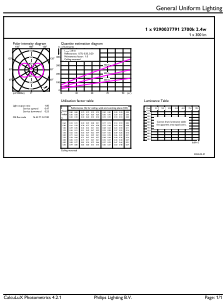
CorePro LEDcapsule LV

Mechanical and Housing	
Lamp Finish	Clear
Bulb material	Clear plastic
Bulb shape	Capsule
Approval and Application	
Energy Efficiency Class	E
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	3 kWh
EPREL registration number	1879161
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Application Conditions	
Can it be used in closed luminaires	No

Dimensional drawing



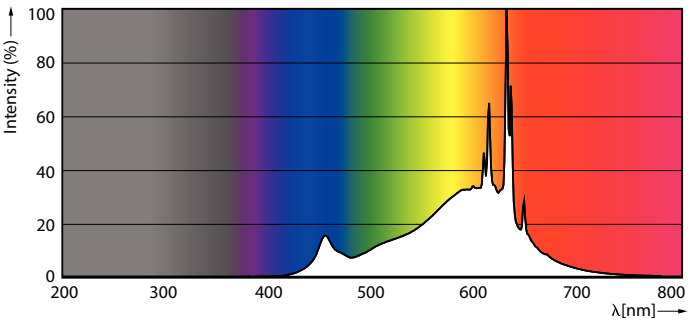
Photometric data



General uniform lighting - CorePro LEDcapsuleLV 2.4-28W G4micro 827

Product Data	
Order product name	CorePro LEDcapsuleLV 2.4-28W G4micro 827
Full product name	CorePro LEDcapsuleLV 2.4-28W G4micro 827
Full EOC	872016930051400
Order code	30051400
Material no. (12 NC)	929003779102
Numerator – quantity per pack	1
Net Weight (Piece)	0.004 kg
EAN/UPC – Product/Case	8720169300514
Numerator – packs per outer box	12
EAN/UPC - Case	8720169300521

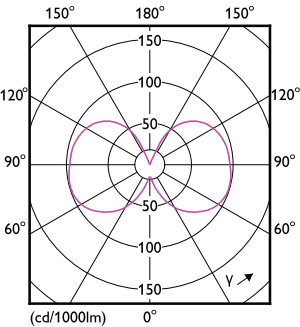
Product	D	C
CorePro LEDcapsuleLV 2.4-28W G4micro 827	12 mm	38 mm



Spectral Power Distribution Colour - CorePro LEDcapsuleLV 2.4-28W G4micro 827

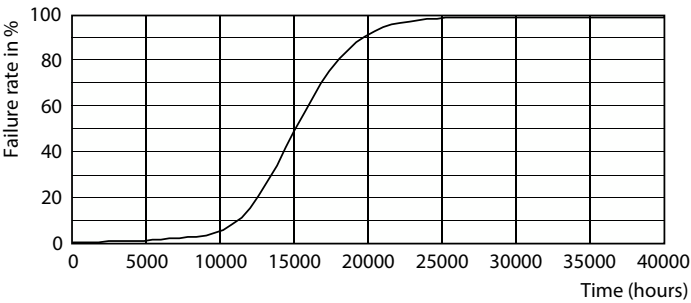
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Photometric data

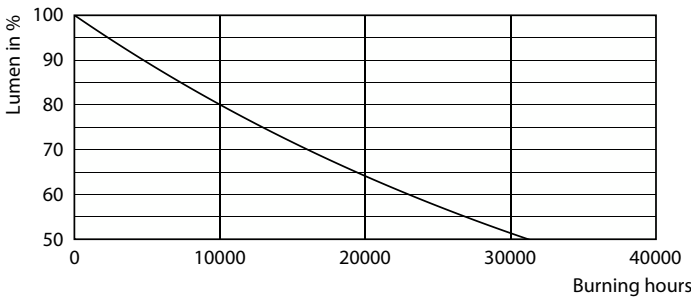


Light Distribution Diagram - CorePro LEDcapsuleLV 2.4-28W G4micro 827

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDcapsuleLV 2.4-28W G4micro 827

