CorePro LEDcapsule LV

CorePro LEDcapsuleLV 1.8-20W GY6.35 830

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.

Product data

General Information

Cap-Base	GY6.35
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	215 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	119.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	– Hz
Input Frequency	– Hz
Power Consumption	1.8 W
Lamp Current (Nom)	260 mA
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

Temperature

T-Case Maximum (Nom)	80 ℃

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Shape	Capsule

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Net Weight (Piece)	0.008 kg

Approval and Application

Energy Efficiency Class	E
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	2 kWh
EPREL Registration Number	374878
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	0.4
Stroboscopic effect visibility measure (SVM)	1

Application Conditions

|	
can it be used in closed luminaires	No

Product Data

Order product name	CorePro LEDcapsuleLV 1.8–20W GY6.35 830
Full product name	CorePro LEDcapsuleLV 1.8–20W GY6.35 830
Full product code	871869976783900
Order code	929002389802
Material Nr. (12NC)	929002389802
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699767839
Numerator – Packs per outer box	12
EAN/UPC – Case	8718699767846

Dimensional drawing
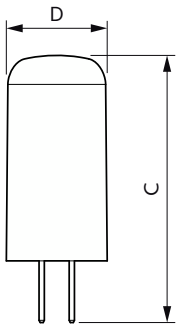
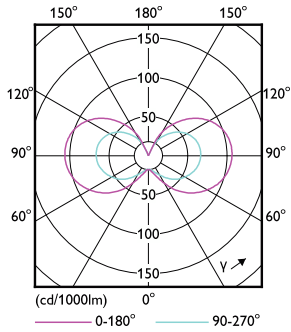| Product	D	C
CorePro LEDcapsuleLV 1.8–20W GY6.35 830	13 mm	35 mm

Photometric data
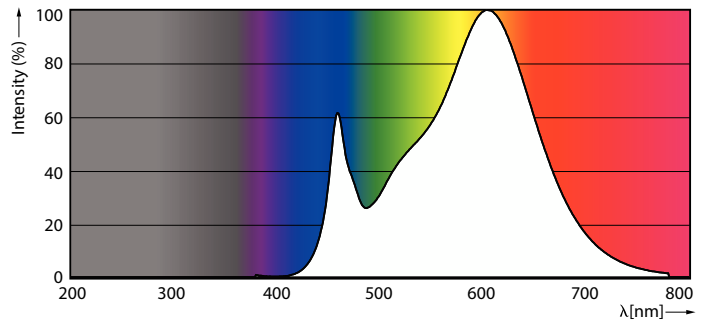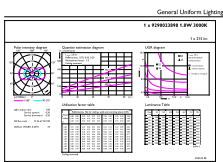
General uniform lighting – CorePro LEDcapsuleLV 1.8–20W GY6.35 830

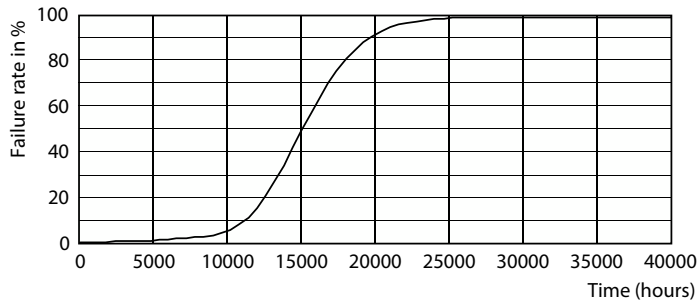Spectral Power Distribution Colour – CorePro LEDcapsuleLV 1.8–20W GY6.35 830
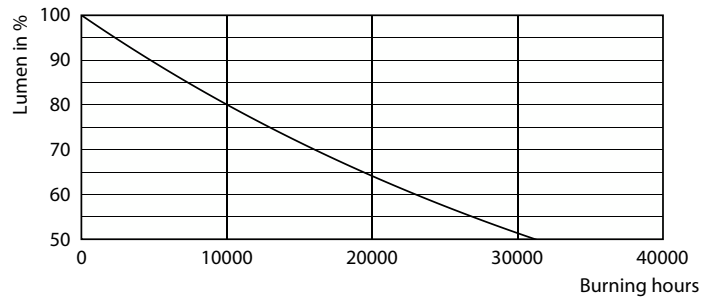
CorePro LEDcapsule LV

Photometric data

Light Distribution Diagram – CorePro LEDcapsuleLV 1.8–20W GY6.35 830

Lifetime

Life Expectancy Diagram

Lumen Maintenance Diagram – CorePro LEDcapsuleLV 1.8–20W GY6.35 830

www.lighting.philips.com

2025, March 17 – data subject to change