



# CorePro LEDcapsule MV



# CorePro LEDcapsule 3.2-40W ND G9 830

The LED specialties deliver a high quality light to make themselves to be a true replacement of halogen specialty lamp (such as G9 and R7S). It is particularly suit for task lighting in hotel and restaurants, and ideal for decorative and ambient application. LEDspecialty products deliver huge energy saving and minimize maintenance costs, without any compromise on light quality.

#### **Product data**

General Information	
Cap-Base	G9
Nominal lifetime	15,000 hour(s)
Switching Cycle	8,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux	400 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	125.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM) - Flickering value as p	per 1
EN 61000-3-3	

Stroboscopic effect visibility measure (SVM)	0.4
Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	3.2 W
Lamp Current (Nom)	30 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	82 °C
Controls and Dimming	
Dimmable	No

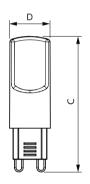
Datasheet, 2024, March 15 data subject to change

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Mechanical and Housing		
Bulb Finish	Clear	
Bulb Shape	Capsule	
Approval and Application		
Energy Efficiency Class	E	
Suitable For Accent Lighting	No	
Energy Consumption kWh/1000 h	4 kWh	
EPREL Registration Number	453191	
EyeComfort	Yes	
<b>Application Conditions</b>		
can it be used in closed luminaires	No	

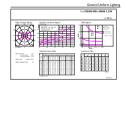
Product Data		
Order product name	CorePro LEDcapsule 3.2-40W ND G9	
	830	
Full product name	CorePro LEDcapsule 3.2-40W ND G9	
	830	
Full product code	871951430395900	
Order code	929002495602	
Material Nr. (12NC)	929002495602	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514303959	
Numerator - Packs per outer box	12	
EAN/UPC - Case	8719514303966	

## Dimensional drawing



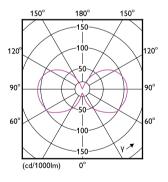
Product	D	С
CorePro LEDcapsule 3.2-40W ND G9 830	16.5 mm	54 mm

### Photometric data



Calculated Photoametrics 4.5 Philips Lighting GLV. Page: 171

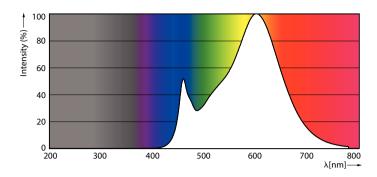
General uniform lighting - CorePro LEDcapsule 3.2-40W ND G9 830



Light Distribution Diagram - CorePro LEDcapsule 3.2-40W ND G9 830

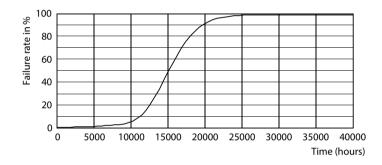
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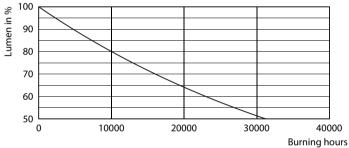
#### Photometric data



Spectral Power Distribution Colour - CorePro LEDcapsule 3.2-40W ND G9 830

#### Lifetime





Life Expectancy Diagram - CorePro LEDcapsule 3.2-40W ND G9 830

Lumen Maintenance Diagram - CorePro LEDcapsule 3.2-40W ND G9 830



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