



# **CorePro LEDbulb**



# CorePro LEDbulb ND 8-60W A60 E27 840

LEDbulbs are compatible with existing fixtures with an E27 holder and are designed for retrofit replacement of incandescent bulbs.

#### **Product data**

General Information		
Cap base	E27	
Nominal lifetime	15,000 h	
Switching Cycle	50,000	
Lighting Technology	LED	
Flux measurement reference	Sphere	
Warranty period	2 years	
Light Technical		
Colour Code	840 [CCT of 4000K]	
Beam angle (nom.)	180 degree(s)	
Luminous Flux	806 lm	
Colour designation	Cool White (CW)	
Correlated Colour Temperature (Nom)	4000 K	
Luminous efficacy (rated) (nom.)	100 lm/W	
Colour consistency	<6	
Colour rendering index (CRI)	80	
LLMF at end of nominal lifetime (nom.)	70 %	
Photobiological safety according to EN 62471 RG0		
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input frequency	50 to 60 Hz	
Power Consumption	8 W	
Lamp current (nom.)	46 mA	

Wattage equivalent	60 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.54
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	75 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Bulb shape	A60
Net Weight (Piece)	0.029 kg
Approval and Application	
Energy Efficiency Class	F
Energy consumption kWh/1,000 hours	8 kWh
EPREL Registration Number	397612
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

Datasheet, 2024, May 16 data subject to change

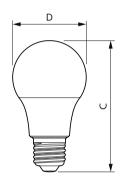
# CorePro LEDbulb

Flickering value (PstLM)	1	
Stroboscopic effect	0.4	
Ambient temperature range	-20°C to 45°C	
Application Conditions		
Can it be used in closed luminaires	No	
Product Data		
Order product name	CorePro LEDbulb ND 8-60W A60 E27	
	840	
Full product name	CorePro LEDbulb ND 8-60W A60 E27	

840

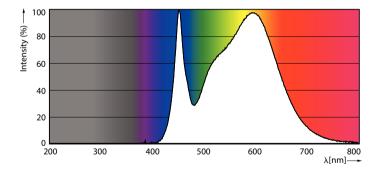
Full EOC	872016916905000
Order code	16905000
Material no. (12 NC)	929002306308
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8720169169050
Numerator – packs per outer box	10
EAN/UPC - Case	8720169169067

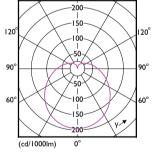
## Dimensional drawing



Product	D	С
CorePro LEDbulb ND 8-60W A60 E27 840	60 mm	108 mm

## Photometric data





180°

150°

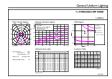
150°

Spectral Power Distribution Colour - CorePro LEDbulb ND 8-60W A60 E27 840

Light Distribution Diagram - CorePro LEDbulb ND 8-60W A60 E27 840

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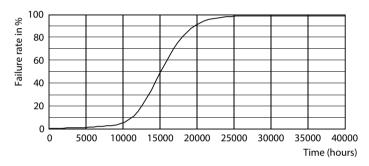
#### Photometric data

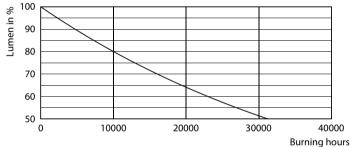


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General uniform lighting - CorePro LEDbulb ND 8-60W A60 E27 840

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - CorePro LEDbulb ND 8-60W A60 E27 840



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