



CorePro Plastic LEDbulbs

LEDbulb ND 4.9-40W A60 E27 827 2CT

The CorePro LED bulb is the perfect bulb for your basic lighting needs. It provides beautiful light and dependable performance you expect from LED at an affordable price. CorePro LEDbulbs are compatible with existing fixtures with an E27 or B22 holder and are designed for retrofit replacement of incandescent bulbs. They deliver huge energy savings of 80% and provides excellent quality of light. By offering a lifetime of 15,000 hours it reduces maintenance costs.

Product data

General Information		Operating and Electrical	
Cap-Base	E27	Line Frequency	50 to 60 Hz
Nominal lifetime	15,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	4.9 W
Lighting Technology	LED	Lamp Current (Nom)	45 mA
Flux measurement reference	Sphere	Wattage Equivalent	40 W
		Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.53
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	827 [CCT of 2700K]	T-Case Maximum (Nom)	75 °C
Beam Angle (Nom)	180 degree(s)		
Luminous Flux	470 lm	Controls and Dimming	
Color Designation	Warm White (WW)	Dimmable	No
Correlated Color Temperature (Nom)	2700 K		
Luminous Efficacy (rated) (Nom)	95 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Frosted
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Photobiological safety according to EN 62471	RG1		

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Bulb Material	Plastic
Bulb Shape	A60
Net Weight (Piece)	0.030 kg

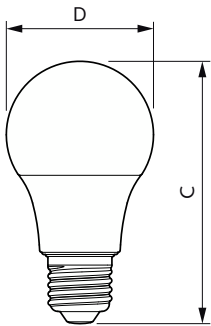
Approval and Application

Energy Efficiency Class	F
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	1137333
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 45 °C

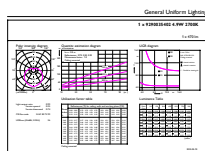
Application Conditions

can it be used in closed luminaires	No
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Dimensional drawing



Photometric data

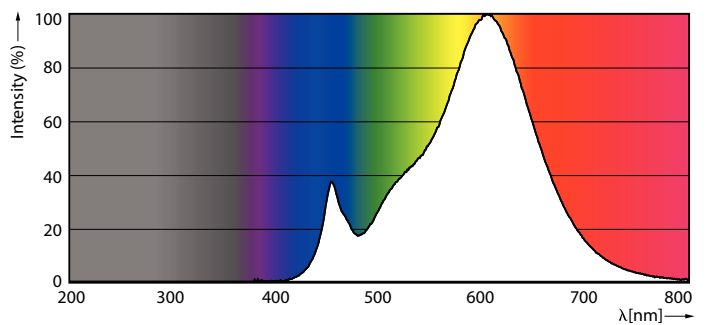


General uniform lighting - LEDbulb ND 4.9-40W A60 E27 827 2CT

Product Data

Order product name	LEDbulb ND 4.9-40W A60 E27 827 2CT
Full product name	LEDbulb ND 4.9-40W A60 E27 827 2CT
Full product code	871951447107800
Order code	929003540202
Material Nr. (12NC)	929003540202
Numerator - Quantity Per Pack	2
EAN/UPC - Product/Case	8719514471078
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514471085

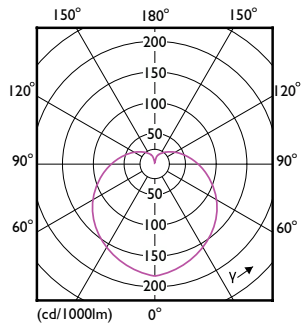
Product	D	C
LEDbulb ND 4.9-40W A60 E27 827 2CT	60 mm	107 mm



Spectral Power Distribution Colour - LEDbulb ND 4.9-40W A60 E27 827 2CT

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Photometric data



Light Distribution Diagram - LEDbulb ND 4.9-40W A60 E27 827 2CT

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - LEDbulb ND 4.9-40W A60 E27 827 2CT

