



CorePro Plastic LEDbulbs

LEDbulb ND 4.9-40W A60 E27 827 1CT

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 and minimize maintenance cost.

Product data

General Information	
Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	470 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	95 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical	
Input Frequency	50 to 60 Hz

Power Consumption	4.9 W
Lamp Current (Nom)	45 mA
Wattage Equivalent	40 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 °C

Controls and Dimming	
Dimmable	No

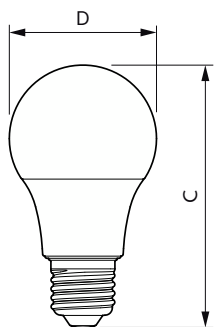
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	A60
Net Weight (Piece)	0.030 kg

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Approval and Application	
Energy Efficiency Class	F
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	1137333
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per 1 EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C
Application Conditions	
can it be used in closed luminaires	No

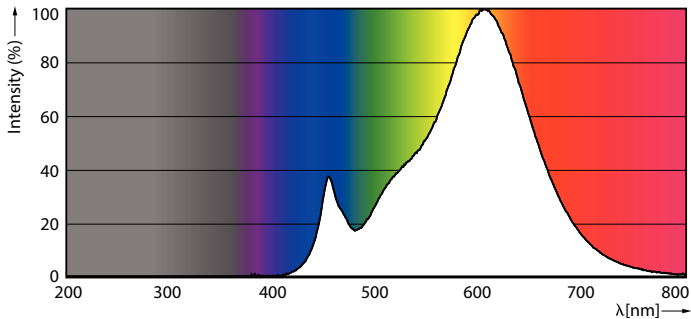
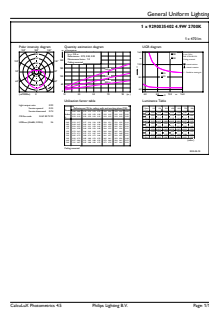
Product Data	
Order product name	LEDbulb ND 4.9-40W A60 E27 827 1CT
Full product name	LEDbulb ND 4.9-40W A60 E27 827 1CT
Full product code	872110305774700
Order code	05774700
Material Nr. (12NC)	929003540247
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103057747
Numerator - Packs per outer box	12
EAN/UPC - Case	8721103057754

Dimensional drawing



Product	D	C
LEDbulb ND 4.9-40W A60 E27 827 1CT	60 mm	108 mm

Photometric data

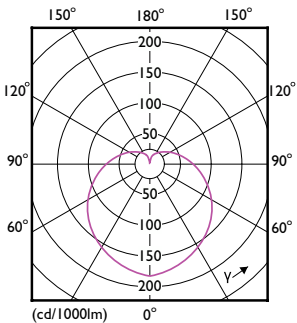


General uniform lighting - LEDbulb ND 4.9-40W A60 E27 827 1CT

Spectral Power Distribution Colour - LEDbulb ND 4.9-40W A60 E27 827 1CT

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Photometric data

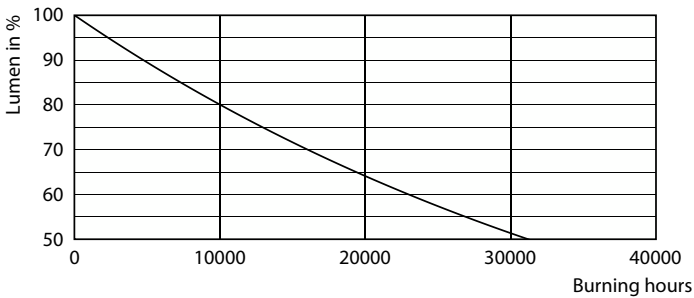


Light Distribution Diagram - LEDbulb ND 4.9-40W A60 E27 827 1CT

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - LEDbulb ND 4.9-40W A60 E27 827 1CT

