



# Ecofit Plastic LED bulbs

## LEDbulb ND 13-100W A60 E27 840 1CT

LEDbulbs are compatible with existing fixtures with an E27 holder and are designed for applications with low initial investment

### Product data

General Information	
Cap-Base	E27
Nominal lifetime	10,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Value ladder	Value
Warranty period	2 years

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	1,521 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	117 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	13 W
Lamp Current (Nom)	105 mA
Wattage Equivalent	100 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)	95 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	A60
Net Weight (Piece)	0.046 kg

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## Approval and Application

Energy Efficiency Class	E
Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	397616
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

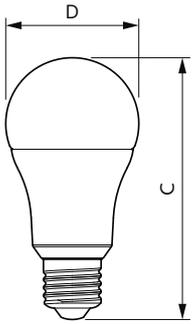
## Application Conditions

can it be used in closed luminaires	No
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## Product Data

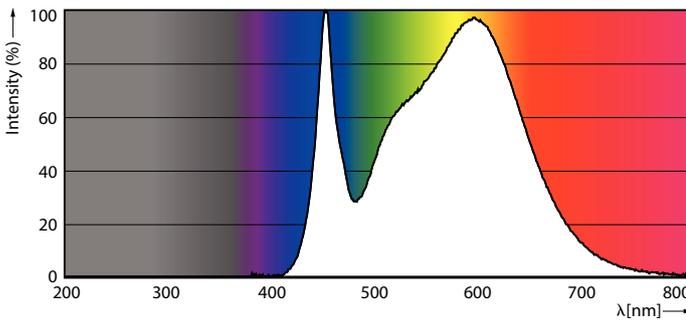
Order product name	LEDbulb ND 13-100W A60 E27 840 1CT
Full product name	LEDbulb ND 13-100W A60 E27 840 1CT
Full product code	872110305772300
Order code	929002306947
Material Nr. (12NC)	929002306947
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103057723
Numerator - Packs per outer box	12
EAN/UPC - Case	8721103057730

## Dimensional drawing

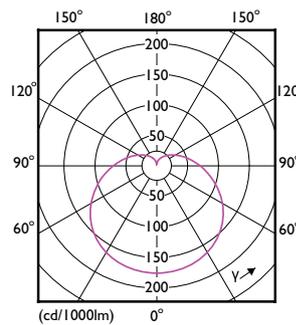


Product	D	C
LEDbulb ND 13-100W A60 E27 840 1CT	60 mm	120 mm

## Photometric data



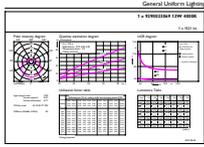
Spectral Power Distribution Colour - LEDbulb ND 13-100W A60 E27 840 1CT



Light Distribution Diagram - LEDbulb ND 13-100W A60 E27 840 1CT

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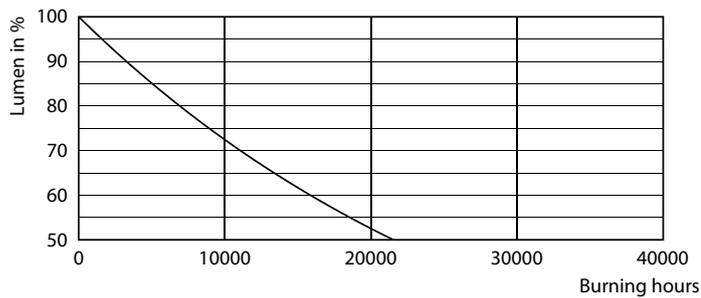
## Photometric data



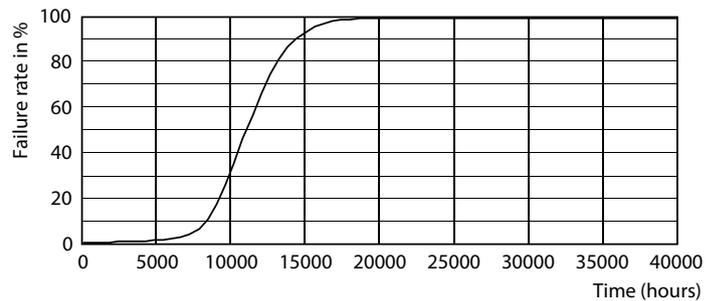
General Parameters 41 Philips Lighting B.V. Page 117

### General uniform lighting - LEDbulb ND 13-100W A60 E27 840 1CT

## Lifetime



Lumen Maintenance Diagram - LEDbulb ND 13-100W A60 E27 840 1CT



Life Expectancy Diagram

