



LED Corn Cobs

27CC/LED/830/ND E26 G2 BB 6/1

Philips Corn Cob HID replacement lamps are perfect LED replacement for a variety of outdoor applications. High intensity illumination, which means you get added visibility for applications like streets, public areas, and much more for a fraction of the energy used by conventional HID.

Product data

General Information		
Cap-Base	E26 [Single Contact Medium Screw]	
Nominal lifetime	50,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
Light Technical		
Color Code	830 [CCT of 3000K]	
Luminous Flux	3,500 lm	
Luminous Efficacy (rated) (Nom)	129.00 lm/W	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Color Consistency	ANSI 3000K quadrangle	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	27 W	
Lamp Current (Nom)	300 mA	
Starting Time (Nom)	1s	
Warm-up time to 60% light	1 s	

Power Factor (Fraction)	0.9
Voltage (Nom)	100-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Corncob
Approval and Application	
Energy Consumption kWh/1000 h	27 kWh
EU RoHS compliant	Yes
Application Conditions	
can it be used in closed luminaires	Yes

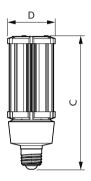
Datasheet, 2023, April 15 data subject to change

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Product Data	
Order product name	27CC/LED/830/ND E26 G2 BB 6/1
Full product name	27CC/LED/830/ND E26 G2 BB 6/1
Order code	559666
Material Nr. (12NC)	929002395504
Numerator - Quantity Per Pack	1

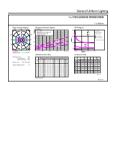
Net Weight (Piece)	0.302 kg
EAN/UPC - Product/Case	046677559663
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677559668

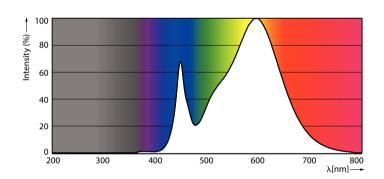
Dimensional drawing



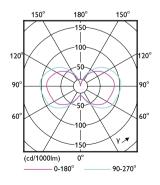
Product	D	С
27CC/LED/830/ND E26 G2 BB 6/1	60 mm	170 mm

Photometric data





General uniform lighting - 27CC/LED/830/ND E26 G2 BB 6/1

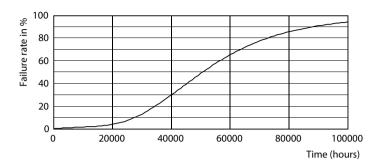


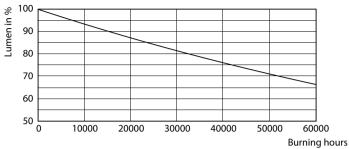
Light Distribution Diagram - 27CC/LED/830/ND E26 G2 BB 6/1

Spectral Power Distribution Colour - 27CC/LED/830/ND E26 G2 BB 6/1

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Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - 27CC/LED/830/ND E26 G2 BB 6/1



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