PHILIPS Lighting



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	
EU RoHS compliant	Yes	
Light Technical		
Color Code	830 [CCT of 3000K]	
Luminous Flux	3,500 lm	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	129.00 lm/W	
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

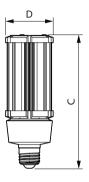
Warm-up time to 60% light	1 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	100-277 V	
UL Type	HIB_UL Type B (UL Listed+Classified)	
Temperature		
Ambient temperature range	-20 ℃ to 45 ℃	
T-Case Maximum (Nom)	60 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Material	Plastic	
Bulb Shape	Corncob	
Approval and Application		
Energy Consumption kWh/1000 h	27 kWh	
Application Conditions		
can it be used in closed luminaires	Yes	

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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	

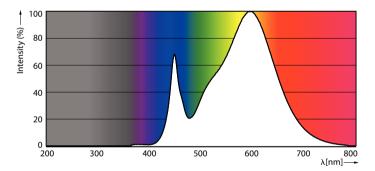
EAN/UPC - Product/Case	046677559663	
Numerator - Packs per outer box	6	
EAN/UPC - Case	50046677559668	

Dimensional drawing



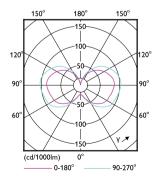
Photometric data

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



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

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

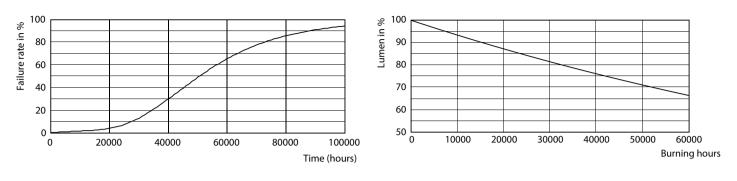


Light Distribution Diagram - 27CC/LED/830/ND E26 G2 BB 6/1

Datasheet, 2023, April 15

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Lifetime



Life Expectancy Diagram - 27CC/LED/830/ND E26 G2 BB 6/1

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



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