



LED Corn Cobs

27CC/LED/830/ND E26 BB 12/1

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	
Starting Time (Nom)	2.5 s	
Warm-up time to 60% light	≤2.5 s	

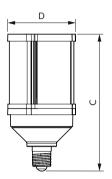
Power Factor (Fraction)	0.9		
Voltage (Nom)	120-277 V		
UL Type	Type B - bypass the ballast		
Temperature			
T-Case Maximum (Nom)	185 °F		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Clear		
Bulb Material	Plastic		
Bulb Shape	Corncob		
Approval and Application			
Energy Consumption kWh/1000 h	27 kWh		
Product Data			
Order product name	27CC/LED/830/ND E26 BB 12/1		
Full product name	27CC/LED/830/ND E26 BB 12/1		
Order code	553297		
Material Nr. (12NC)	929002250304		

Datasheet, 2023, November 12 data subject to change

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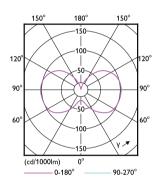
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677553296
Numerator - Packs per outer box	12

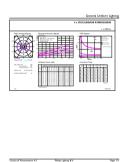
Dimensional drawing



Product	D	С
27CC/LED/830/ND E26 BB 12/1	3-13/16 inch	7-11/16 inch

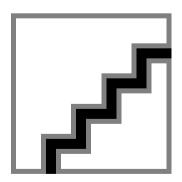
Photometric data





Light Distribution Diagram - 27CC/LED/830/ND E26 BB 12/1

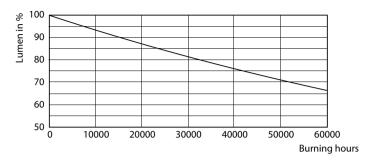
Accent Lighting Spots - 27CC/LED/830/ND E26 BB 12/1

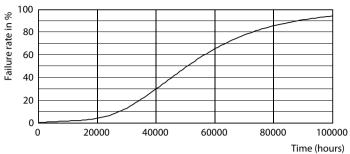


Spectral Power Distribution Colour - 27CC/LED/830/ND E26 BB 12/1

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Lifetime





Lumen Maintenance Diagram - 27CC/LED/830/ND E26 BB 12/1

Life Expectancy Diagram - 27CC/LED/830/ND E26 BB 12/1



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