PHILIPS Lighting



LED Corn Cobs

27CC/LED/840/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	840 [CCT of 4000K]	
Luminous Flux	3,700 lm	
Luminous Efficacy (rated) (Nom)	137.00 lm/W	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Color Consistency	ANSI 4000K 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	

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	
EU RoHS compliant	Yes	
Application Conditions		
can it be used in closed luminaires	Yes	

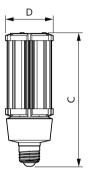
Warm-up time to 60% light

LED Corn Cobs

Product Data	
Order product name	27CC/LED/840/ND E26 G2 BB 6/1
Full product name	27CC/LED/840/ND E26 G2 BB 6/1
Order code	559674
Material Nr. (12NC)	929002395604
Numerator - Quantity Per Pack	1

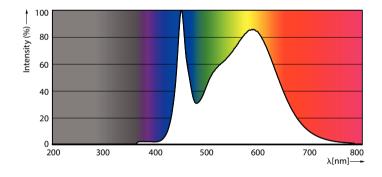
Net Weight (Piece)	0.302 kg
EAN/UPC - Product/Case	046677559670
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677559675

Dimensional drawing

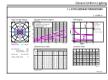


Product	D	с
27CC/LED/840/ND E26 G2 BB 6/1	60 mm	170 mm

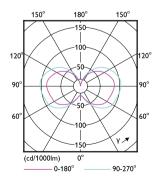
Photometric data



Spectral Power Distribution Colour - 27CC/LED/840/ND E26 G2 BB 6/1



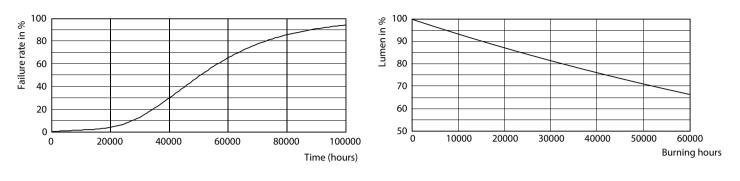
General uniform lighting - 27CC/LED/840/ND E26 G2 BB 6/1



Light Distribution Diagram - 27CC/LED/840/ND E26 G2 BB 6/1

LED Corn Cobs

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 27CC/LED/840/ND E26 G2 BB 6/1



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 15 - data subject to change