



# **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	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	137.00 lm/W	
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)	1 s	
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		
T-Case Maximum (Nom)	60 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Material	Plastic	
Bulb Shape	Corncob	
Net Weight (Piece)	0.302 kg	
Approval and Application		
Energy Consumption kWh/1000 h	27 kWh	
EU RoHS compliant	Yes	
Ambient temperature range	-20 °C to 45 °C	

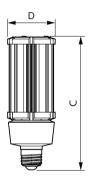
Datasheet, 2025, April 17 data subject to change

## **LED Corn Cobs**

Application Conditions	
can it be used in closed luminaires	Yes
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	929002395604

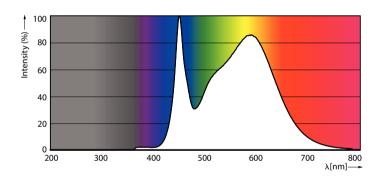
Material Nr. (12NC)	929002395604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677559670
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677559675

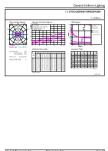
## Dimensional drawing



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

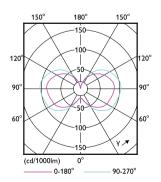
## Photometric data





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

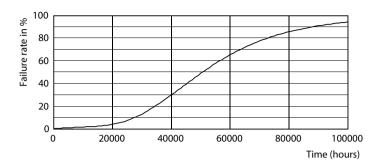
General uniform lighting - 27CC/LED/840/ND E26 G2 BB 6/1

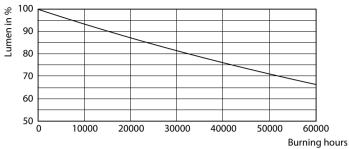


Light Distribution Diagram - 27CC/LED/840/ND E26 G2 BB 6/1

## **LED Corn Cobs**

#### Lifetime





Life Expectancy Diagram

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



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