



# **LED Corn Cobs**

## 18CC/LED/850/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	850 [CCT of 5000K]
Luminous Flux	2,500 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	138.00 lm/W
Color Consistency	ANSI 5000K 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	18 W
Lamp Current (Nom)	200 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		
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)	0.252 kg	
Approval and Application		
Energy Consumption kWh/1000 h	18 kWh	
EU RoHS compliant	Yes	
Ambient temperature range	-20 °C to 45 °C	

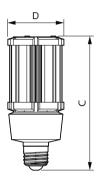
Datasheet, 2025, March 27 data subject to change

## **LED Corn Cobs**

Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	18CC/LED/850/ND E26 G2 BB 6/1
Full product name	18CC/LED/850/ND E26 G2 BB 6/1
Order code	929002395404

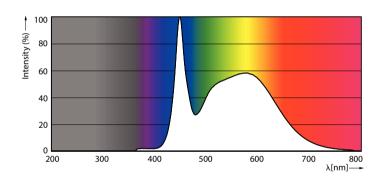
Material Nr. (12NC)	929002395404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677559656
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677559651

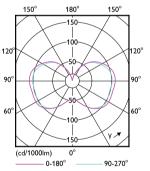
## Dimensional drawing



Product	D	С
18CC/LED/850/ND E26 G2 BB 6/1	60 mm	145 mm

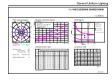
#### Photometric data





Spectral Power Distribution Colour - 18CC/LED/850/ND E26 G2 BB 6/1

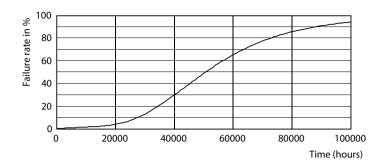
Light Distribution Diagram - 18CC/LED/850/ND E26 G2 BB 6/1

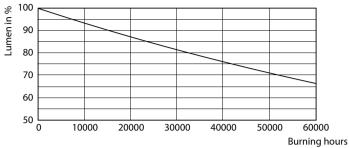


General uniform lighting - 18CC/LED/850/ND E26 G2 BB 6/1

#### **LED Corn Cobs**

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - 18CC/LED/850/ND E26 G2 BB 6/1



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