



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	
Luminous Efficacy (rated) (Nom)	138.00 lm/W	
Color Designation	Daylight	
Correlated Color Temperature (Nom)	5000 K	
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)	1 s	
Warm-up time to 60% light	1s	

Power Factor (Fraction)	0.9	
Voltage (Nom)	100-277 V	
UL Type	HIB_UL Type B (UL Listed+Classified)	
Temperature		
Ambient temperature range	-20 °C to 45 °C	
T-Case Maximum (Nom)	60 ℃	
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	18 kWh	
EU RoHS compliant	Yes	
Application Conditions		
can it be used in closed luminaires	Yes	

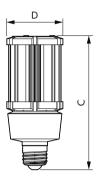
Datasheet, 2023, April 15 data subject to change

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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	559658
Material Nr. (12NC)	929002395404
Numerator - Quantity Per Pack	1

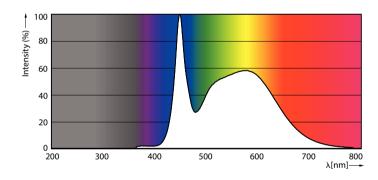
Net Weight (Piece)	0.252 kg	
EAN/UPC - Product/Case	046677559656	
Numerator - Packs per outer box	6	
EAN/UPC - Case	50046677559651	

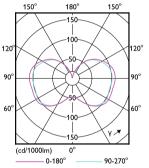
Dimensional drawing



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

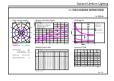
Photometric data





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

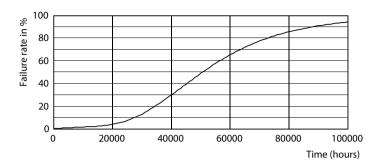


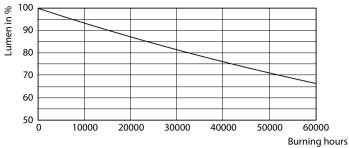
Calculat Reconnectics 4.5 Philips Lighting B.V. https://doi.org/10.1007/

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

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Lifetime





Life Expectancy Diagram

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



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