LED Corn Cobs

27CC/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	3,800 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	140.00 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	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

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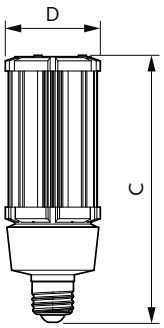
Application Conditions	
can it be used in closed luminaires	Yes

Product Data	
Order product name	27CC/LED/850/ND E26 G2 BB 6/1
Full product name	27CC/LED/850/ND E26 G2 BB 6/1
Order code	929002395704

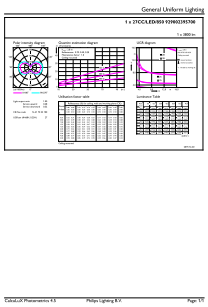
Material Nr. (12NC)	929002395704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677559687
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677559682

Dimensional drawing

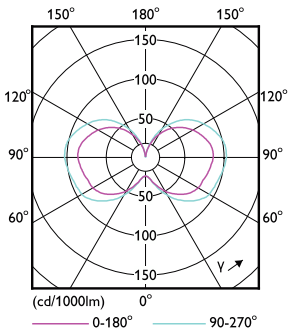


Product	D	C
27CC/LED/850/ND E26 G2 BB 6/1	60 mm	170 mm

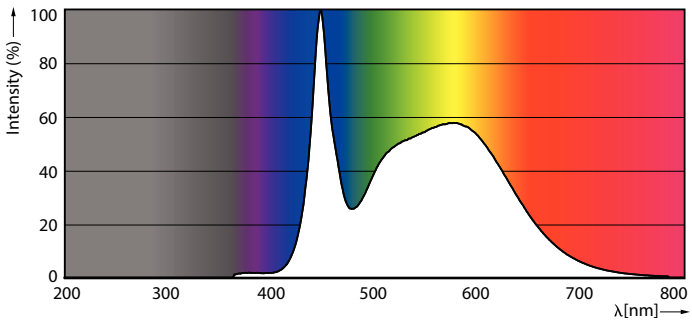
Photometric data



General uniform lighting - 27CC/LED/850/ND E26 G2 BB 6/1



Light Distribution Diagram - 27CC/LED/850/ND E26 G2 BB 6/1



Spectral Power Distribution Colour - 27CC/LED/850/ND E26 G2 BB 6/1

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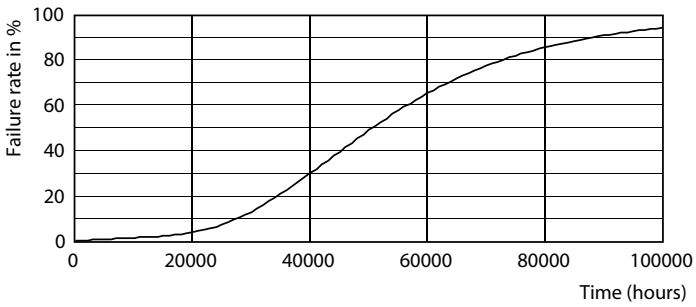
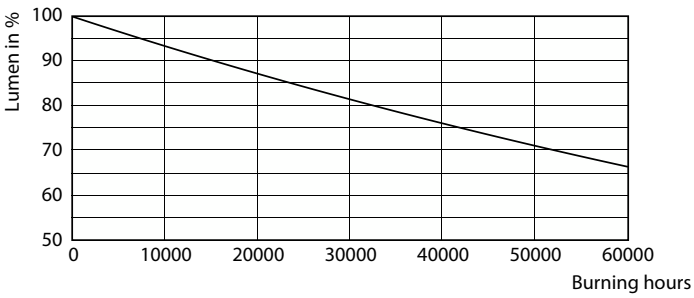
Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 27CC/LED/850/ND E26 G2 BB 6/1

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