



LED Corn Cobs

80CC/LED/850/ND EX39 G2 BB 3/1

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	EX39 [Exclusionary Mogul Screw]	
Nominal lifetime	50,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	850 [CCT of 5000K]	
Luminous Flux	12,000 lm	
Color Designation	Daylight	
Correlated Color Temperature (Nom)	5000 K	
Luminous Efficacy (rated) (Nom)	150.00 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	80 W	
Lamp Current (Nom)	700 mA	
Starting Time (Nom)	1 s	

Warm-up time to 60% light	1s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	Type B - bypass the ballast
Temperature	
T-Case Maximum (Nom)	144 °F
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	80 kWh
Product Data	
Order product name	80CC/LED/850/ND EX39 G2 BB 3/1
Full product name	80CC/LED/850/ND EX39 G2 BB 3/1
Order code	559856

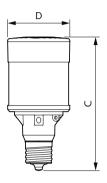
Datasheet, 2023, November 12 data subject to change

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Material Nr. (12NC)	929002397404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677559854
Numerator - Packs per outer box	3

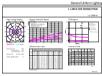
EAN/UPC - Case	50046677559859
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Dimensional drawing



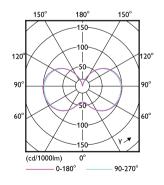
Product	D	С
80CC/LED/850/ND EX39 G2 BB 3/1	3-5/8 inch	7-3/4 inch

Photometric data





General uniform lighting - 80CC/LED/850/ND EX39 G2 BB 3/1

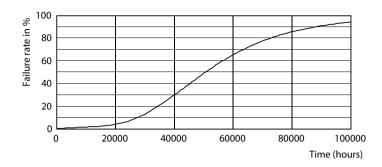


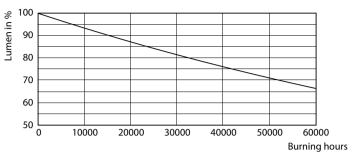
Light Distribution Diagram - 80CC/LED/850/ND EX39 G2 BB 3/1

Spectral Power Distribution Colour - 80CC/LED/850/ND EX39 G2 BB 3/1

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Lifetime





Life Expectancy Diagram - 80CC/LED/850/ND EX39 G2 BB 3/1

Lumen Maintenance Diagram - 80CC/LED/850/ND EX39 G2 BB 3/1



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