



# LED Corn Cobs

## 80CC/LED/3CCT/LS EX39 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	3000K/4000K/5000K
Luminous Flux	11,500 12,000 12,000 lumen
Color Designation	3000K/4000K/5000K
Correlated Color Temperature (Nom)	3000 4000 5000 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color Consistency	<3
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	80 W
Lamp Current (Nom)	700 mA
Starting Time (Nom)	2 s
Warm-up time to 60% light	1 s

Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V

Temperature	
Ambient temperature range	-20 to +55 °C
T-Case Maximum (Nom)	107 °F

Controls and Dimming	
Dimmable	Variac Dimming

Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Corncob

Approval and Application	
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471

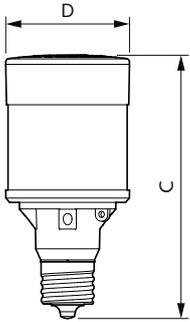
Product Data	
Order product name	80CC/LED/3CCT/LS EX39 BB 3/1
Order code	583682
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3

# LED Corn Cobs

Material Nr. (12NC)	929003631404
Full product name	80CC/LED/3CCT/LS EX39 BB 3/1
EAN/UPC - Case	50046677583687

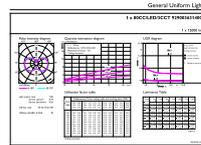
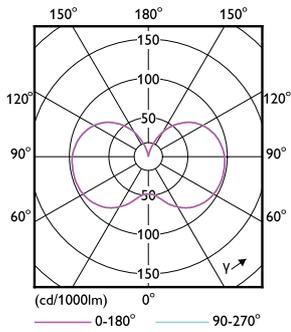
EAN/UPC - Product/Case	046677583682
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## Dimensional drawing



Product	D	C
80CC/LED/3CCT/LS EX39 BB 3/1	3-5/8 inch	7-3/4 inch

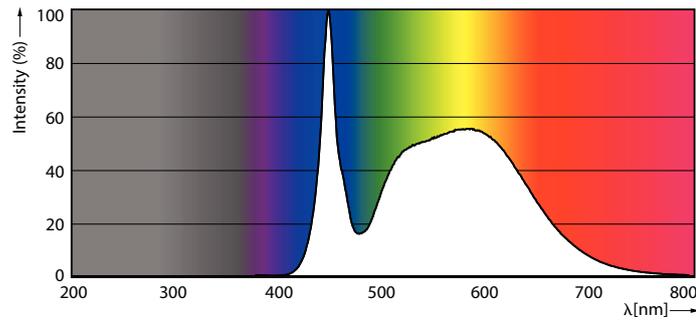
## Photometric data



General uniform lighting - 80CC/LED/3CCT/LS EX39 BB 3/1

Light Distribution Diagram - 80CC/LED/3CCT/LS EX39 BB 3/1

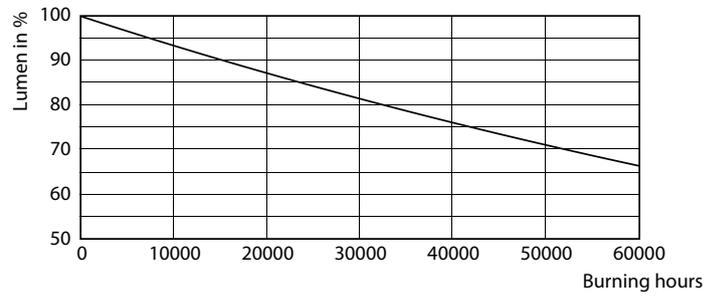
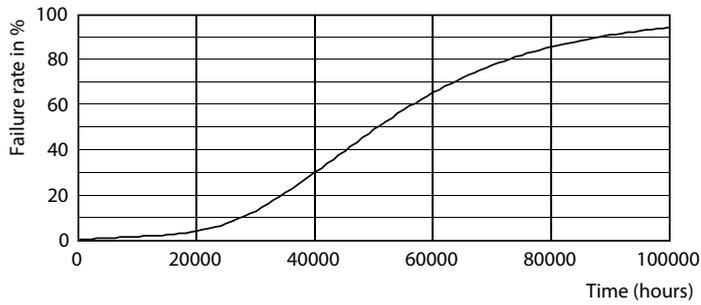
General uniform lighting - 80CC/LED/3CCT/LS EX39 BB 3/1



Spectral Power Distribution Colour - 80CC/LED/3CCT/LS EX39 BB 3/1

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## Lifetime



Life Expectancy Diagram - 80CC/LED/3CCT/LS EX39 BB 3/1

Lumen Maintenance Diagram - 80CC/LED/3CCT/LS EX39 BB 3/1

