



# **LED Corn Cobs**

# 27CC/LED/830/ND EX39 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	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	830 [CCT of 3000K]	
Luminous Flux	3,500 lm	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	129.00 lm/W	
Color Consistency	ANSI 3000K 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	
Wattage Equivalent	70 W	
Starting Time (Nom)	2.5 s	

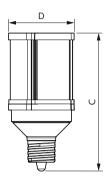
Warm-up time to 60% light	2.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
Temperature	
T-Case Maximum (Nom)	185 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Corncob
Approval and Application	
Energy Consumption kWh/1000 h	27 kWh
Product Data	
Order product name	27CC/LED/830/ND EX39 BB 6/1
Full product name	27CC/LED/830/ND EX39 BB 6/1
Order code	557058
Material Nr. (12NC)	929002250614
Numerator - Quantity Per Pack	1

Datasheet, 2023, November 12 data subject to change

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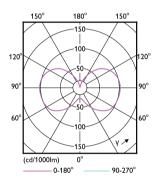
EAN/UPC - Product/Case	046677557058	
Numerator - Packs per outer box	6	
EAN/UPC - Case	50046677557053	

## Dimensional drawing

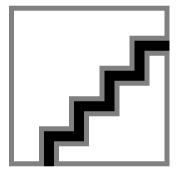


Product	D	С
27CC/LED/830/ND EX39 BB 6/1	3-13/16 inch	8 inch

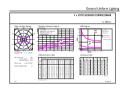
#### Photometric data



Light Distribution Diagram - 27CC/LED/830/ND EX39 BB 6/1



Spectral Power Distribution Colour - 27CC/LED/830/ND EX39 BB 6/1

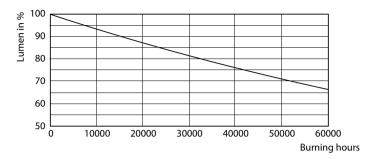


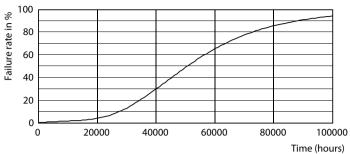
Calculus Photometrics 4.5 Philips Lighting 8.V. Page: UT

Accent Lighting Spots - 27CC/LED/830/ND EX39 BB 6/1

## **LED Corn Cobs**

#### Lifetime





Lumen Maintenance Diagram - 27CC/LED/830/ND EX39 BB 6/1

Life Expectancy Diagram - 27CC/LED/830/ND EX39 BB 6/1



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