



LED Corn Cobs

100CC/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	13,000 lm	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	130.00 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	100 W	
Starting Time (Nom)	2.5 s	
Warm-up time to 60% light	≤2.5 s	

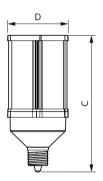
Power Factor (Fraction)	0.9	
Voltage (Nom)	120-277 V	
UL Type	Type B - bypass the ballast	
Temperature		
T-Case Maximum (Nom)	203 °F	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Shape	Corncob	
Approval and Application		
Energy Consumption kWh/1000 h	100 kWh	
Product Data		
Order product name	100CC/LED/830/ND EX39 BB 6/1	
Full product name	100CC/LED/830/ND EX39 BB 6/1	
Order code	553479	
Material Nr. (12NC)	929002252104	
Numerator - Quantity Per Pack	1	

Datasheet, 2023, October 27 data subject to change

LED Corn Cobs

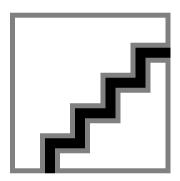
EAN/UPC - Product/Case	046677553470	
Numerator - Packs per outer box	6	
EAN/UPC - Case	50046677553475	

Dimensional drawing



Product	D	С
100CC/LED/830/ND EX39 BB 6/1	4-7/8 inch	11 inch

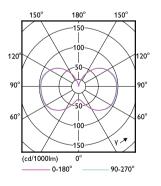
Photometric data





Spectral Power Distribution Colour - 100CC/LED/830/ND EX39 BB 6/1

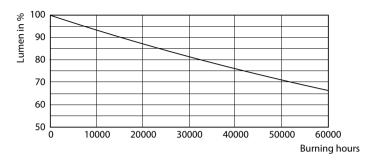
Accent Lighting Spots - 100CC/LED/830/ND EX39 BB 6/1

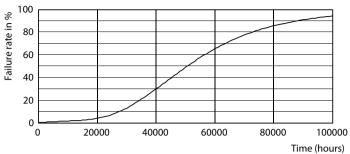


Light Distribution Diagram - 100CC/LED/830/ND EX39 BB 6/1

LED Corn Cobs

Lifetime





Lumen Maintenance Diagram - 100CC/LED/830/ND EX39 BB 6/1

Life Expectancy Diagram - 100CC/LED/830/ND EX39 BB 6/1



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.