



LED Corn Cobs

100CC/LED/840/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	840 [CCT of 4000K]
Luminous Flux	13,500 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	135.00 lm/W
Color Consistency	ANSI 4000K 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
Wattage Equivalent	250 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/840/ND EX39 BB 6/1	
Full product name	100CC/LED/840/ND EX39 BB 6/1	
Order code	553487	
Material Nr. (12NC)	929002252204	

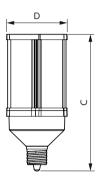
Datasheet, 2023, November 12 data subject to change

LED Corn Cobs

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677553487
Numerator - Packs per outer box	6

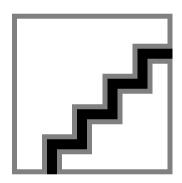
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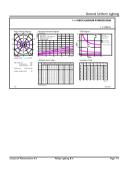
Dimensional drawing



Product	D	С
100CC/LED/840/ND EX39 BB 6/1	4-7/8 inch	11 inch

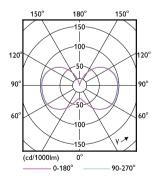
Photometric data





Spectral Power Distribution Colour - 100CC/LED/840/ND EX39 BB 6/1

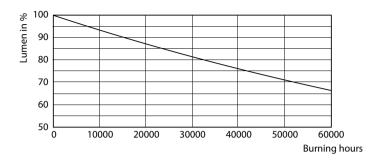
Accent Lighting Spots - 100CC/LED/840/ND EX39 BB 6/1

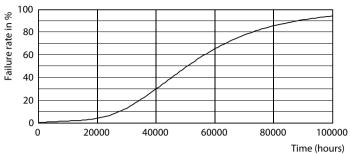


Light Distribution Diagram - 100CC/LED/840/ND EX39 BB 6/1

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Lifetime





Lumen Maintenance Diagram - 100CC/LED/840/ND EX39 BB 6/1

Life Expectancy Diagram - 100CC/LED/840/ND EX39 BB 6/1



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