



LED Corn Cobs

120CC/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	16,000 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	133.00 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	120 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 Material	Plastic	
Bulb Shape	Corncob	
Approval and Application		
Energy Consumption kWh/1000 h	120 kWh	
Product Data		
Order product name	120CC/LED/840/ND EX39 BB 6/1	
Full product name	120CC/LED/840/ND EX39 BB 6/1	
Order code	553511	
Material Nr. (12NC)	929002252504	

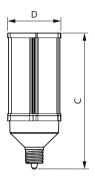
Datasheet, 2023, November 12 data subject to change

LED Corn Cobs

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677553517
Numerator - Packs per outer box	6

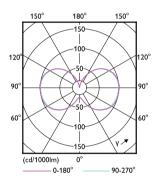
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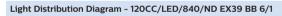
Dimensional drawing

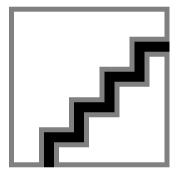


Product	D	С
120CC/LED/840/ND EX39 BB 6/1	4-7/8 inch	12-3/8 inch

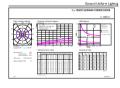
Photometric data







Spectral Power Distribution Colour - 120CC/LED/840/ND EX39 BB 6/1

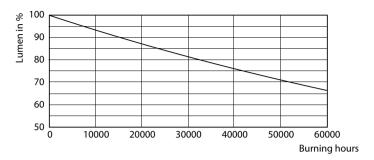


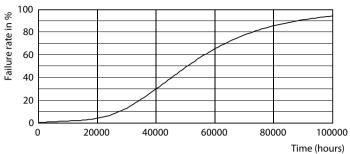
Calculus Photometrics 4.5 Philips Lighting 8.V. Page: UT

Accent Lighting Spots - 120CC/LED/840/ND EX39 BB 6/1

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Lifetime





Lumen Maintenance Diagram - 120CC/LED/840/ND EX39 BB 6/1

Life Expectancy Diagram - 120CC/LED/840/ND EX39 BB 6/1



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