



# **LED Corn Cobs**

## 150CC/LED/840/LS EX39 G2 BB 277-480V 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	840 [CCT of 4000K]	
Luminous Flux	23,500 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	156 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	150 W	
Lamp Current (Nom)	600 mA	
Starting Time (Nom)	1.5 s	

Warm-up time to 60% light	1.5 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	277-480 V	
UL Type	HIB_UL Type B (UL classified+RU)	
Temperature		
Ambient temperature range	-4 °F to 131 °F	
T-Case Maximum (Nom)	101 °F	
Controls and Dimming		
Dimmable	Only with specific dimmers	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Material	Plastic	
Bulb Shape	Corncob	
Application Conditions		
can it be used in closed luminaires	Yes	
Product Data		
Order product name	150CC/LED/840/LS EX39 G2 BB 277-480V 3/1	
Full product name	150CC/LED/840/LS EX39 G2 BB 277-480V 3/1	

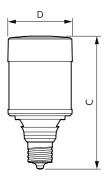
Datasheet, 2023, November 1 data subject to change

## **LED Corn Cobs**

Order code	579029
Material Nr. (12NC)	929003507204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677579029

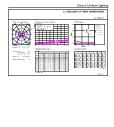
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677579024

## Dimensional drawing



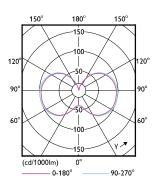
Product	D	С
150CC/LED/840/LS EX39 G2 BB 277-480V 3/1	4-1/16 inch	8-5/16 inch

#### Photometric data

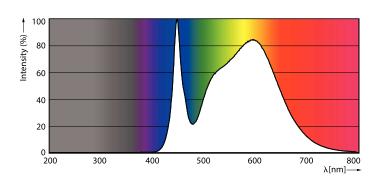




General uniform lighting - 150CC/LED/840/LS EX39 G2 BB 277-480V 3/1



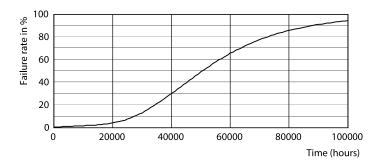
Light Distribution Diagram - 150CC/LED/840/LS EX39 G2 BB 277-480V 3/1

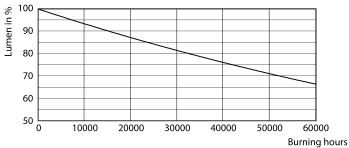


Spectral Power Distribution Colour - 150CC/LED/840/LS EX39 G2 BB 277-480V 3/1

## **LED Corn Cobs**

#### Lifetime





Life Expectancy Diagram - 150CC/LED/840/LS EX39 G2 BB 277-480V 3/1

Lumen Maintenance Diagram - 150CC/LED/840/LS EX39 G2 BB 277-480V 3/1



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