



# **LED Corn Cobs**

# 36CC/LED/830/ND EX39 BB 12/1

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 4,700 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 36 W  Starting Time (Nom) 2.5 s		
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 4,700 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 36 W  Starting Time (Nom) 2.5 s	General Information	
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EU RoHS compliant  Yes  Light Technical  Color Code  B30 [CCT of 3000K]  Luminous Flux  4,700 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)  B0  LLMF At End Of Nominal Lifetime (Nom)  70 %  Operating and Electrical  Line Frequency  50 to 60 Hz  Input Frequency  Power Consumption  36 W  Starting Time (Nom)  2.5 s	Switching Cycle	50,000
Light Technical  Color Code 830 [CCT of 3000K]  Luminous Flux 4,700 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 36 W  Starting Time (Nom) 2.5 s	Lighting Technology	LED
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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 36 W  Starting Time (Nom) 2.5 s	Color Code	830 [CCT of 3000K]
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 36 W  Starting Time (Nom) 2.5 s	Luminous Flux	4,700 lm
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  36 W  Starting Time (Nom)  2.5 s	Color Designation	White (WH)
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 36 W  Starting Time (Nom) 2.5 s	Correlated Color Temperature (Nom)	3000 K
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 36 W  Starting Time (Nom) 2.5 s	Luminous Efficacy (rated) (Nom)	130.00 lm/W
Coperating and Electrical Line Frequency Input Frequency Power Consumption Starting Time (Nom)  70 %  70 %  70 %  50 to 60 Hz  80 W  90 Starting Time (Nom)  2.5 s	Color Consistency	ANSI 3000K quadrangle
Operating and Electrical Line Frequency 50 to 60 Hz Input Frequency 50 to 60 Hz Power Consumption 36 W Starting Time (Nom) 2.5 s	Color rendering index (CRI)	80
Line Frequency         50 to 60 Hz           Input Frequency         50 to 60 Hz           Power Consumption         36 W           Starting Time (Nom)         2.5 s	LLMF At End Of Nominal Lifetime (Nom)	70 %
Line Frequency         50 to 60 Hz           Input Frequency         50 to 60 Hz           Power Consumption         36 W           Starting Time (Nom)         2.5 s		
Input Frequency 50 to 60 Hz  Power Consumption 36 W  Starting Time (Nom) 2.5 s	Operating and Electrical	
Power Consumption 36 W Starting Time (Nom) 2.5 s	Line Frequency	50 to 60 Hz
Starting Time (Nom) 2.5 s	Input Frequency	50 to 60 Hz
	Power Consumption	36 W
Warm-up time to 60% light ≤2.5 s	Starting Time (Nom)	2.5 s
	Warm-up time to 60% light	≤2.5 s

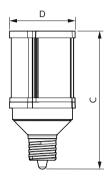
Power Factor (Fraction)	0.9	
Voltage (Nom)	120-277 V	
UL Type	Type B - bypass the ballast	
Temperature		
T-Case Maximum (Nom)	185 °F	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Shape	Corncob	
Approval and Application		
Energy Consumption kWh/1000 h	36 kWh	
Product Data		
Order product name	36CC/LED/830/ND EX39 BB 12/1	
Full product name	36CC/LED/830/ND EX39 BB 12/1	
Order code	553388	
Material Nr. (12NC)	929002251204	
Numerator - Quantity Per Pack	1	

Datasheet, 2023, November 12 data subject to change

# **LED Corn Cobs**

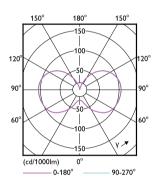
EAN/UPC - Product/Case	046677553388	
Numerator - Packs per outer box	12	
EAN/UPC - Case	50046677553383	

## Dimensional drawing



Product	D	С
36CC/LED/830/ND EX39 BB 12/1	3-13/16 inch	8 inch

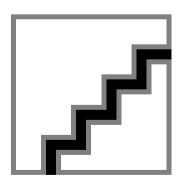
#### Photometric data





Light Distribution Diagram - 36CC/LED/830/ND EX39 BB 12/1

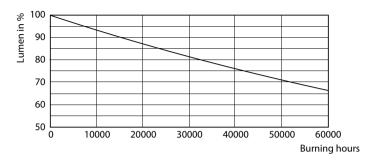
Accent Lighting Spots - 36CC/LED/830/ND EX39 BB 12/1

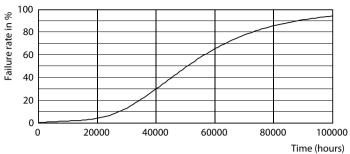


Spectral Power Distribution Colour - 36CC/LED/830/ND EX39 BB 12/1

## **LED Corn Cobs**

#### Lifetime





Lumen Maintenance Diagram - 36CC/LED/830/ND EX39 BB 12/1

Life Expectancy Diagram - 36CC/LED/830/ND EX39 BB 12/1



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