



LED Corn Cobs

54CC/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	7,500 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	138.00 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	54 W	
Starting Time (Nom)	2.5 s	
Warm-up time to 60% light	2.5 s	

Voltage (Nom) 120-277 V UL Type Type B - bypass the ballast Temperature T-Case Maximum (Nom) 194 °F Controls and Dimming Dimmable No Mechanical and Housing Bulb Finish Clear				
Type B - bypass the ballast Temperature T-Case Maximum (Nom) 194 °F Controls and Dimming Dimmable No Mechanical and Housing Bulb Finish Clear	Power Factor (Fraction)	0.9		
Temperature T-Case Maximum (Nom) 194 °F Controls and Dimming Dimmable No Mechanical and Housing Bulb Finish Clear	Voltage (Nom)	120-277 V		
T-Case Maximum (Nom) 194 °F Controls and Dimming Dimmable No Mechanical and Housing Bulb Finish Clear	UL Type	Type B - bypass the ballast		
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Controls and Dimming Dimmable No Mechanical and Housing Bulb Finish Clear	Temperature			
Dimmable No Mechanical and Housing Bulb Finish Clear	T-Case Maximum (Nom)	194 °F		
Dimmable No Mechanical and Housing Bulb Finish Clear				
Mechanical and Housing Bulb Finish Clear	Controls and Dimming			
Bulb Finish Clear	Dimmable	No		
Bulb Finish Clear				
	Mechanical and Housing			
Bulb Material Plastic	Bulb Finish	Clear		
	Bulb Material	Plastic		
Bulb Shape Corncob	Bulb Shape	Corncob		
	Approval and Application			
Approval and Application	Energy Consumption kWh/1000 h	54 kWh		
**				
**	Product Data			
Energy Consumption kWh/1000 h 54 kWh	Order product name	54CC/LED/840/ND EX39 BB 6/1		
Energy Consumption kWh/1000 h 54 kWh Product Data	Full product name	54CC/LED/840/ND EX39 BB 6/1		
Product Data Order product name 54CC/LED/840/ND EX39 BB 6/1	Order code	557157		
Energy Consumption kWh/1000 h 54 kWh Product Data 54CC/LED/840/ND EX39 BB 6/1 Order product name 54CC/LED/840/ND EX39 BB 6/1 Full product name 54CC/LED/840/ND EX39 BB 6/1	Material Nr. (12NC)	929002251614		
Bulb Shape Corncob	Bulb Material Bulb Shape Approval and Application Energy Consumption kWh/1000 h Product Data Order product name	Plastic Corncob 54 kWh 54CC/LED/840/ND EX39 BB 6/1		
Bulb Shape Corncob	Bulb Shape	Corncob		
Bulb Shape Corncob	Bulb Shape	Corncob		
Bulb Shape Corncob	Bulb Shape	Corncob		
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Bulb Shape Corncob	Bulb Shape	Corncob		
Bulb Shape Corncob	Bulb Shape	Corncob		
Bulb Shape Corncob	Bulb Shape	Corncob		
Bulb Shape Corncob	Bulb Shape	Corncob		
Bulb Snape Corncob	Bulb Shape	Corncob		
Bulb Snape Corncob	Build Shape	Corncob		
Bulb Shape Corncob	Bulb Shape	Corncob		
Bulb Shape Corncob	Bulb Shape	Corncob		
Bulb Shape Corncob	Bulb Shape	Corncob		
Bulb Shape Corncob	Bulb Shape	Corncob		
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Energy Consumption kWh/1000 h 54 kWh Product Data	Order product name	54CC/LED/840/ND EX39 BB 6/1		
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Energy Consumption kWh/1000 h 54 kWh Product Data 54CC/LED/840/ND EX39 BB 6/1 Order product name 54CC/LED/840/ND EX39 BB 6/1 Full product name 54CC/LED/840/ND EX39 BB 6/1	Matarial Nr. (12NC)			
Energy Consumption kWh/1000 h 54 kWh Product Data 54CC/LED/840/ND EX39 BB 6/1 Full product name 54CC/LED/840/ND EX39 BB 6/1 Order code 557157	Material III. (IZITE)	323002231017		

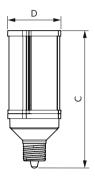
Datasheet, 2023, November 12 data subject to change

LED Corn Cobs

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677557157
Numerator - Packs per outer box	6

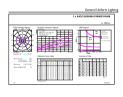
EAN/UPC - Case	50046677557152

Dimensional drawing



Product	D	С
54CC/LED/840/ND EX39 BB 6/1	3-13/16 inch	9-13/16 inch

Photometric data

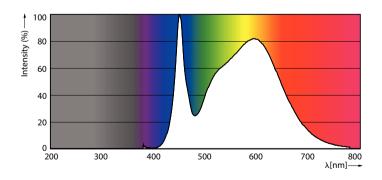




150° 180° 150° 120° 150 120° 90° 60° 60° (cd/1000lm) 0° 90-270°

Light Distribution Diagram - 54CC/LED/840/ND EX39 BB 6/1

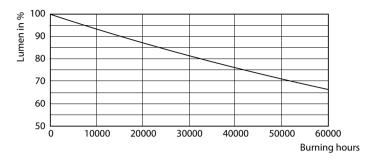
Accent Lighting Spots - 54CC/LED/840/ND EX39 BB 6/1

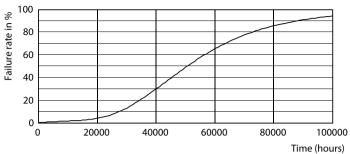


Spectral Power Distribution Colour - 54CC/LED/840/ND EX39 BB 6/1

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Lifetime





Lumen Maintenance Diagram - 54CC/LED/840/ND EX39 BB 6/1

Life Expectancy Diagram - 54CC/LED/840/ND EX39 BB 6/1



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