



LED Corn Cobs

450CC/LED/840/LS EX39 BB 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	65,000 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	144.00 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	450 W	
Lamp Current (Nom)	1,700 mA	
Starting Time (Nom)	2 s	

Warm-up time to 60% light	2 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 113 °F		
T-Case Maximum (Nom)	109 °F		
Controls and Dimming			
Dimmable	Preset Dimming		
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	450CC/LED/840/LS EX39 BB 3/1		
Full product name	450CC/LED/840/LS EX39 BB 3/1		

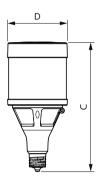
Datasheet, 2023, November 3 data subject to change

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Order code	564732
Material Nr. (12NC)	929003019704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677564735

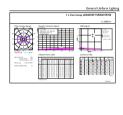
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677564730

Dimensional drawing



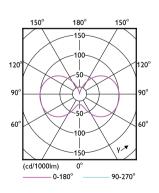
Product	D	С
450CC/LED/840/LS EX39 BB 3/1	5-5/8 inch	12-1/8 inch

Photometric data

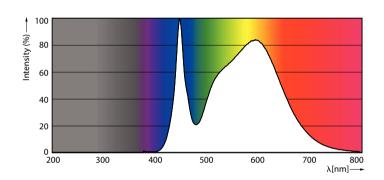




General uniform lighting - 450CC/LED/840/LS EX39 BB 3/1



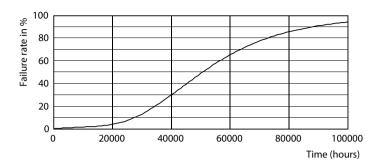
Light Distribution Diagram - 450CC/LED/840/LS EX39 BB 3/1

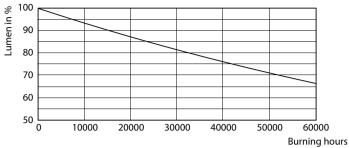


Spectral Power Distribution Colour - 450CC/LED/840/LS EX39 BB 3/1

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Lifetime





Life Expectancy Diagram - 450CC/LED/840/LS EX39 BB 3/1

Lumen Maintenance Diagram - 450CC/LED/840/LS EX39 BB 3/1



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