



LED Corn Cobs

145CC/LED/3CCT/LS EX39 BB 3/1

MasterClass, LED, Corncob, Mains only, 145 W, EX39 |
 Exclusionary Mogul Screw, 3000 K, 4000 K, 5000 K, 20500 lm,
 22000 lm, 22000 lm, 50000 hour(s)

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
Warranty period	5 years
Light Technical	
Color Code	3000K/4000K/5000K
Luminous Flux	20,500 22,000 22,000 lm
Color Designation	3000K/4000K/5000K
Correlated Color Temperature (Nom)	3000 4000 5000 K
Luminous Efficacy (rated) (Nom)	151 lm/W
Color Consistency	<3
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	145 W
Lamp Current (Nom)	1,300 mA
Starting Time (Nom)	2 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL classified+RU)
Ballast Compatibility	Mains only
Temperature	
T-Case Maximum (Nom)	104 °F
Controls and Dimming	
Dimmable	Variac Dimming

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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Corn cob
Net Weight (Piece)	1.984 lb

Approval and Application

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	145 kWh
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
Ambient temperature range	-4 to +131 °F

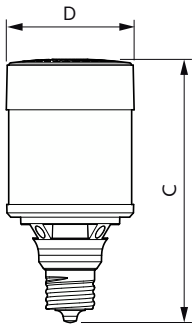
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

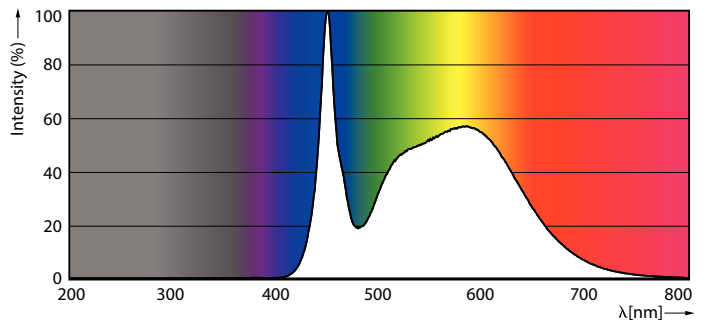
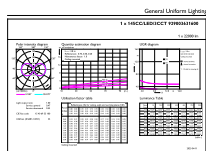
Order product name	145CC/LED/3CCT/LS EX39 BB 3/1
Full product name	145CC/LED/3CCT/LS EX39 BB 3/1
Order code	583708
Material Nr. (12NC)	929003631604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677583705
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677583700

Dimensional drawing



Product	D	C
145CC/LED/3CCT/LS EX39 BB 3/1	4-1/16 inch	8-5/16 inch

Photometric data

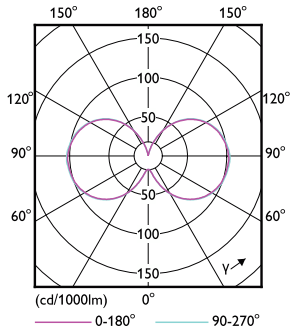


General uniform lighting - 145CC/LED/3CCT/LS EX39 BB 3/1

Spectral Power Distribution Colour - 145CC/LED/3CCT/LS EX39 BB 3/1

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Photometric data



Light Distribution Diagram - 145CC/LED/3CCT/LS EX39 BB 3/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 145CC/LED/3CCT/LS EX39 BB 3/1

