



# 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
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

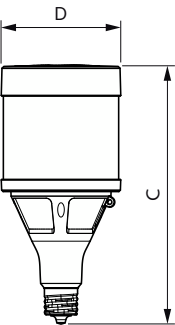
Power Factor (Fraction)	0.9
Voltage (Nom)	277-480 V
UL Type	HIB_UL Type B (UL classified+RU)
Temperature	
T-Case Maximum (Nom)	42.5 °C
Controls and Dimming	
Dimmable	Preset Dimming
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Corncob
Net Weight (Piece)	1.784 kg
Approval and Application	
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C
Application Conditions	
can it be used in closed luminaires	Yes

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Product Data	
Order product name	450CC/LED/840/LS EX39 BB 3/1
Full product name	450CC/LED/840/LS EX39 BB 3/1
Order code	929003019704
Material Nr. (12NC)	929003019704
Numerator - Quantity Per Pack	1

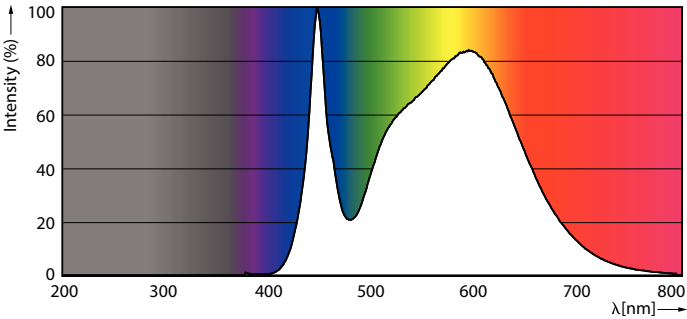
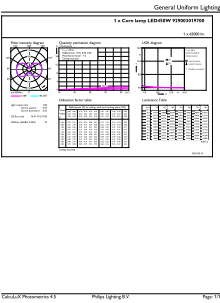
EAN/UPC - Product/Case	046677564735
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677564730

Dimensional drawing



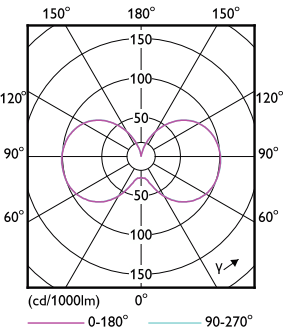
Product	D	C
450CC/LED/840/LS EX39 BB 3/1	142 mm	308 mm

Photometric data



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

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



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

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Lifetime



Life Expectancy Diagram

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

