



# LED Corn Cobs

## 450CC/LED/850/LS EX39 BB 3/1

Philips Corn Cob LED 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	850 [CCT of 5000K]
Luminous Flux	65,000 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	144.00 lm/W
Color Consistency	ANSI 5000K 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	-20 °C to 45 °C
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

Application Conditions	
can it be used in closed luminaires	Yes

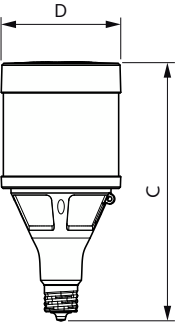
Product Data	
Order product name	450CC/LED/850/LS EX39 BB 3/1
Full product name	450CC/LED/850/LS EX39 BB 3/1

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Order code	929003019804
Material Nr. (12NC)	929003019804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677564742

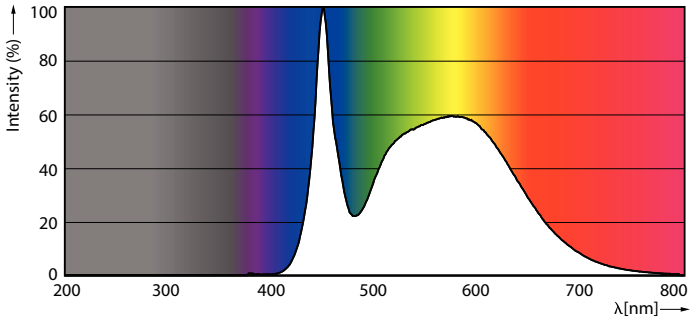
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677564747

Dimensional drawing

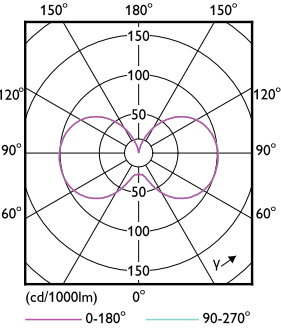


Product	D	C
450CC/LED/850/LS EX39 BB 3/1	142 mm	308 mm

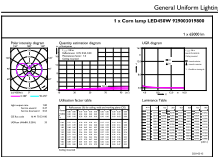
Photometric data



Spectral Power Distribution Colour - 450CC/LED/850/LS EX39 BB 3/1



Light Distribution Diagram - 450CC/LED/850/LS EX39 BB 3/1



General Uniform Lighting

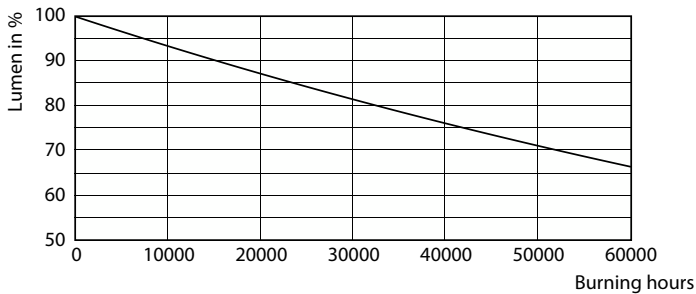
General uniform lighting - 450CC/LED/850/LS EX39 BB 3/1

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Lifetime



Life Expectancy Diagram - 450CC/LED/850/LS EX39 BB 3/1



Lumen Maintenance Diagram - 450CC/LED/850/LS EX39 BB 3/1

