



LED Corn Cobs

450CC/LED/840/LS EX39 BB 3/1

MASTER, LED, Corncob, Mains only, 450 W, EX39 | Exclusionary Mogul Screw, 4000 K, 65000 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]	Input Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Power Consumption	450 W
Switching Cycle	50,000	Lamp Current (Nom)	1,700 mA
Lighting Technology	LED	Starting Time (Nom)	2 s
Warranty period	5 years	Warm-up time to 60% light	2 s
Light Technical		Power Factor (Fraction)	0.9
Color Code	840 [CCT of 4000K]	Voltage (Nom)	277-480 V
Luminous Flux	65,000 lm	UL Type	HIB_UL Type B (UL classified+RU)
Color Designation	Cool White (CW)	Wattage Equivalent (LED HID only)	HPS 1000W
Correlated Color Temperature (Nom)	4000 K	Ballast Compatibility	Mains only
Luminous Efficacy (rated) (Nom)	144.00 lm/W	Temperature	
Color Consistency	ANSI 4000K quadrangle	T-Case Maximum (Nom)	42.5 °C
Color rendering index (CRI)	80	Controls and Dimming	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable	Preset Dimming
Operating and Electrical		Mechanical and Housing	
Line Frequency	50 to 60 Hz	Bulb Finish	Clear

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Bulb Material	Plastic
Bulb Shape	Corncob
Net Weight (Piece)	1.784 kg

Approval and Application

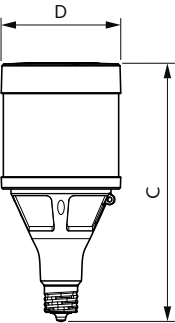
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	450 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Application Conditions

can it be used in closed luminaires	Yes
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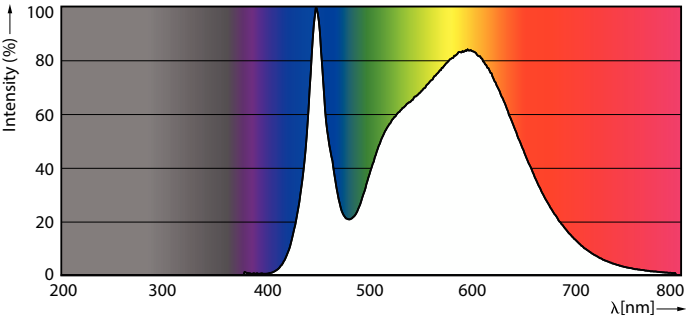
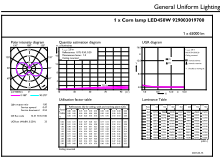
Product Data	
Order product name	450CC/LED/840/LS EX39 BB 3/1
Full product name	450CC/LED/840/LS EX39 BB 3/1
Order code	564732
Material Nr. (12NC)	929003019704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677564735
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677564730

Dimensional drawing



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

Photometric data

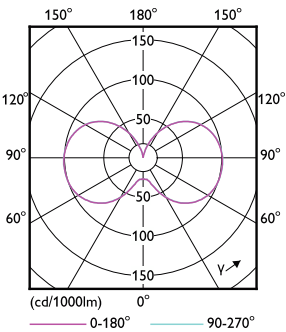


General uniform lighting - 450CC/LED/840/LS EX39 BB 3/1

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

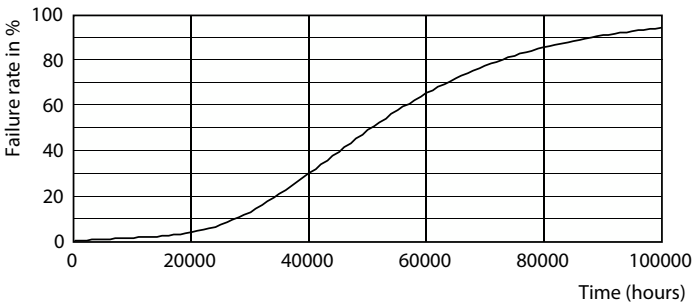
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Photometric data

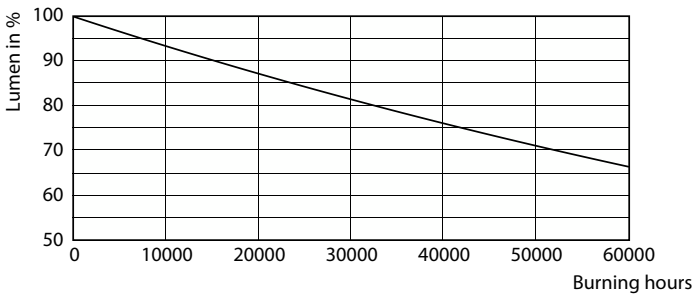


Light Distribution Diagram - 450CC/LED/840/LS EX39 BB 3/1

Lifetime



Life Expectancy Diagram



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

