



# LED Corn Cobs

## 115CC/LED/850/LS EX39 G2 BB 277-480V 3/1

MASTER, LED, Corncob, Mains only, 115 W, HPS 250W, MH 320W, EX39, 5000 K, 18000 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		Input Frequency	
Cap-Base	EX39	Input Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Power Consumption	115 W
Switching Cycle	50,000	Lamp Current (Nom)	455 mA
Lighting Technology	LED	Starting Time (Nom)	1.5 s
Warranty period	5 years	Warm-up time to 60% light	1.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	277-480 V
		UL Type	HIB_UL Type B (UL classified+RU)
		Wattage Equivalent (LED HID only)	HPS 250W, MH 320W
		Ballast Compatibility	Mains only
Light Technical		Temperature	
Color Code	850 [CCT of 5000K]	T-Case Maximum (Nom)	32.5 °C
Luminous Flux	18,000 lm		
Color Designation	Daylight		
Correlated Color Temperature (Nom)	5000 K		
Luminous Efficacy (rated) (Nom)	156 lm/W		
Color Consistency	ANSI 5000K quadrangle		
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical		Controls and Dimming	
Line Frequency	50 to 60 Hz	Dimmable	Only with specific dimmers
		Mechanical and Housing	
		Bulb Finish	Clear

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Bulb Material	Plastic
Bulb Shape	Corncob
Net Weight (Piece)	0.920 kg

## Approval and Application

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	115 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 55 °C

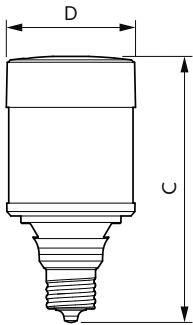
## Application Conditions

can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

## Product Data

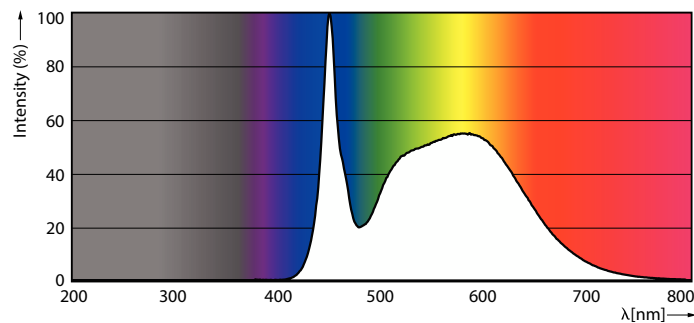
Order product name	115CC/LED/850/LS EX39 G2 BB 277-480V 3/1
Full product name	115CC/LED/850/LS EX39 G2 BB 277-480V 3/1
Order code	929003507104
Material Nr. (12NC)	929003507104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677579012
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677579017

## Dimensional drawing

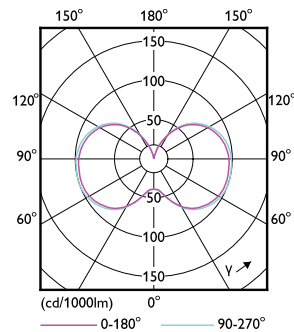


Product	D	C
115CC/LED/850/LS EX39 G2 BB 277-480V 3/1	102 mm	211 mm

## Photometric data



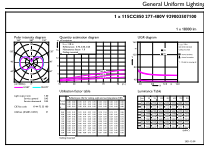
Spectral Power Distribution Colour - 115CC/LED/850/LS EX39 G2 BB 277-480V 3/1



Light Distribution Diagram - 115CC/LED/850/LS EX39 G2 BB 277-480V 3/1

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## Photometric data



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General uniform lighting - 115CC/LED/850/LS EX39 G2 BB 277-480V 3/1

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 115CC/LED/850/LS EX39 G2 BB 277-480V 3/1

