



LED Corn Cobs

45CC/LED/840/LS EX39 G3 BB 3/1

CorePro, LED, Corncob, Mains only, 45 W, EX39, 4000 K, 6500 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	45 W
Switching Cycle	50,000	Lamp Current (Nom)	500 mA
Lighting Technology	LED	Starting Time (Nom)	1 s
Warranty period	5 years	Warm-up time to 60% light	1 s
		Power Factor (Fraction)	0.9
Light Technical		Voltage (Nom)	100-277 V
Color Code	840 [CCT of 4000K]	UL Type	HIB_UL Type B (UL Listed+Classified)
Luminous Flux	6,500 lm	Wattage Equivalent (LED HID only)	150-175
Color Designation	Cool White (CW)	Ballast Compatibility	Mains only
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	144.00 lm/W	Temperature	
Color Consistency	ANSI 4000K quadrangle	T-Case Maximum (Nom)	60 °C
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and Dimming	
		Dimmable	Preset Dimming
Operating and Electrical			
Line Frequency	50 to 60 Hz	Mechanical and Housing	
		Bulb Finish	Clear

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Bulb Material	Plastic
Bulb Shape	Corncob
Net Weight (Piece)	0.777 kg

Approval and Application

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

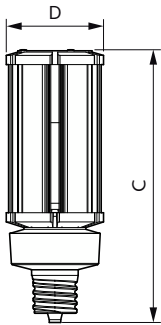
Application Conditions

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

Product Data

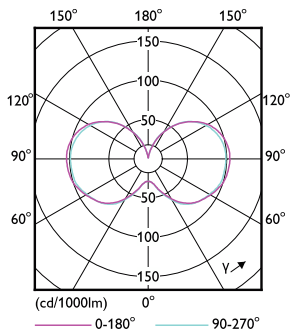
Order product name	45CC/LED/840/LS EX39 G3 BB 3/1
Full product name	45CC/LED/840/LS EX39 G3 BB 3/1
Order code	929002999304
Material Nr. (12NC)	929002999304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677564186
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677564181

Dimensional drawing

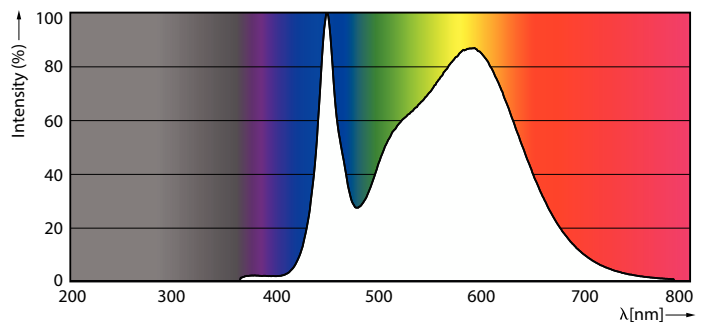


Product	D	C
45CC/LED/840/LS EX39 G3 BB 3/1	85 mm	245 mm

Photometric data



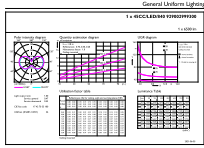
Light Distribution Diagram - 45CC/LED/840/LS EX39 G3 BB 3/1



Spectral Power Distribution Colour - 45CC/LED/840/LS EX39 G3 BB 3/1

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Photometric data



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General uniform lighting - 45CC/LED/840/LS EX39 G3 BB 3/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 45CC/LED/840/LS EX39 G3 BB 3/1

