



LED Corn Cobs

54CC/LED/840/LS EX39 G3 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
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	7,800 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	54 W
Lamp Current (Nom)	600 mA
Starting Time (Nom)	1 s

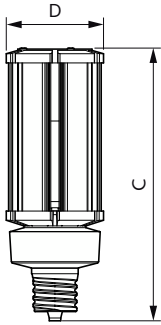
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	100-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	65 °C
Controls and Dimming	
Dimmable	Preset Dimming
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Corncob
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	54CC/LED/840/LS EX39 G3 BB 3/1
Full product name	54CC/LED/840/LS EX39 G3 BB 3/1

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Order code	929002999604
Material Nr. (12NC)	929002999604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677564216

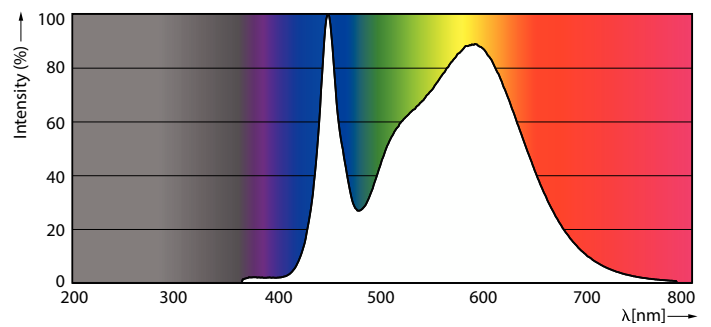
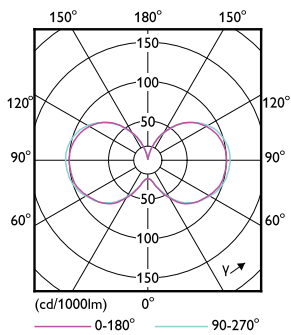
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677564211

Dimensional drawing



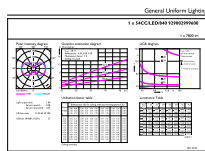
Product	D	C
54CC/LED/840/LS EX39 G3 BB 3/1	85 mm	245 mm

Photometric data



Light Distribution Diagram - 54CC/LED/840/LS EX39 G3 BB 3/1

Spectral Power Distribution Colour - 54CC/LED/840/LS EX39 G3 BB 3/1



General uniform lighting - 54CC/LED/840/LS EX39 G3 BB 3/1

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Lifetime



Life Expectancy Diagram - 54CC/LED/840/LS EX39 G3 BB 3/1

Lumen Maintenance Diagram - 54CC/LED/840/LS EX39 G3 BB 3/1

