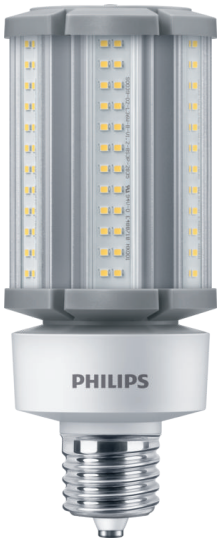
PHILIPS

Lighting



LED Corn Cobs

36CC/LED/850/LS EX39 G3 BB 3/1

CorePro, LED, Corncob, Mains only, 36 W, EX39, 5000 K, 5400 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
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Warranty period	5 years

Light Technical	
Color Code	850 [CCT of 5000K]
Luminous Flux	5,400 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	150.00 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	36 W
Lamp Current (Nom)	400 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)
Ballast Compatibility	Mains only

Temperature	
T-Case Maximum (Nom)	140 °F

Controls and Dimming	
Dimmable	Preset Dimming

Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic

LED Corn Cobs

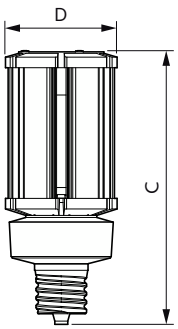
Bulb Shape	Corncob
Net Weight (Piece)	1.444 lb

Approval and Application	
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	36 kWh
EU RoHS compliant	Yes
Ambient temperature range	-4 °F to 113 °F

Application Conditions	
can it be used in closed luminaires	Yes

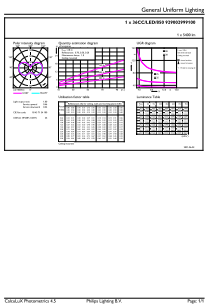
Product Data	
Order product name	36CC/LED/850/LS EX39 G3 BB 3/1
Full product name	36CC/LED/850/LS EX39 G3 BB 3/1
Order code	564161
Material Nr. (12NC)	929002999104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677564162
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677564167

Dimensional drawing

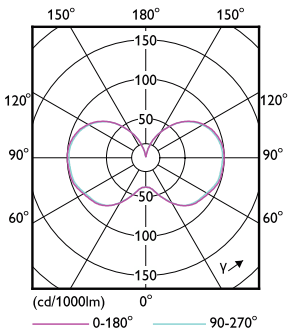


Product	D	C
36CC/LED/850/LS EX39 G3 BB 3/1	3-3/8 inch	8-1/2 inch

Photometric data



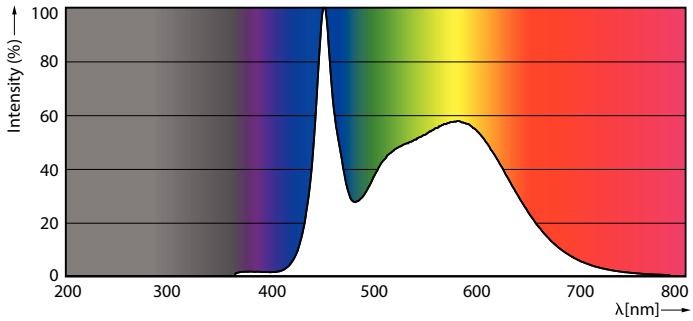
General uniform lighting - 36CC/LED/850/LS EX39 G3 BB 3/1



Light Distribution Diagram - 36CC/LED/850/LS EX39 G3 BB 3/1

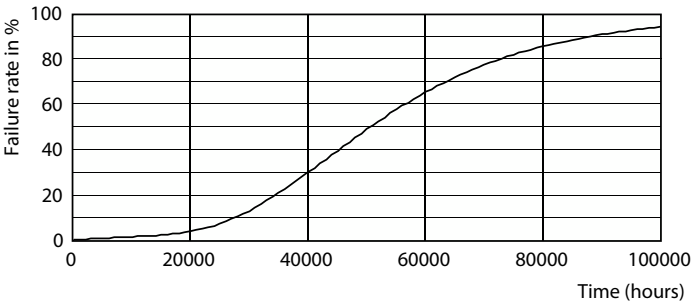
LED Corn Cobs

Photometric data

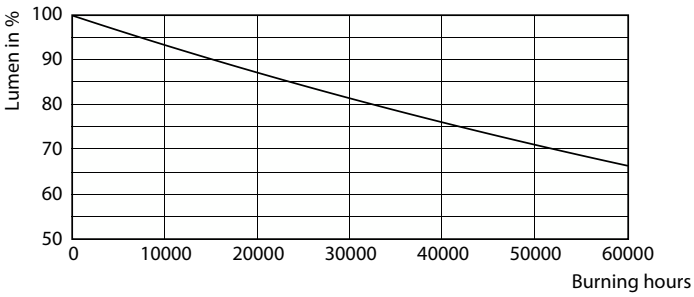


Spectral Power Distribution Colour - 36CC/LED/850/LS EX39 G3 BB 3/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 36CC/LED/850/LS EX39 G3 BB 3/1

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