



LED Corn Cobs

54-45-36CC/LED/3PW/3CCT/Ex39 BB 3/1

LED, Corncob, Mains only, 54 W, 45 W, 36 W, EX39, 3000 K, 4000 K, 5000 K, 7500 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	3000K/4000K/5000K
Luminous Flux	7,500 lm
Color Designation	3000K/4000K/5000K
Correlated Color Temperature (Nom)	3000 4000 5000 K
Luminous Efficacy (rated) (Nom)	138 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	54 45 36 W
Lamp Current (Nom)	600 mA
Starting Time (Nom)	1.5 s
Warm-up time to 60% light	1.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Wattage Equivalent (LED HID only)	HPS 250/175/150W MH 150/100W
Ballast Compatibility	Mains only
Temperature	
T-Case Maximum (Nom)	171 °F
Controls and Dimming	
Dimmable	Step Dim - Do not use with dimmer

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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Corn cob
Net Weight (Piece)	1.411 lb

Approval and Application

Energy Saving Product	Yes
Approval Marks	DLC compliance
EU RoHS compliant	Yes
Ambient temperature range	-22 to +113 °F

Application Conditions

can it be used in closed luminaires	Yes
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Product Data

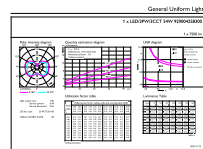
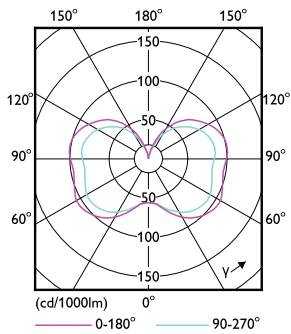
Order product name	54-45-36CC/LED/3PW/3CCT/Ex39 BB 3/1
Full product name	54-45-36CC/LED/3PW/3CCT/Ex39 BB 3/1
Order code	606244
Material Nr. (12NC)	929004258304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677606244
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677606249

Dimensional drawing

Product	D	C
54-45-36CC/LED/3PW/3CCT/Ex39 BB 3/1	3-3/16 inch	8-7/8 inch



Photometric data

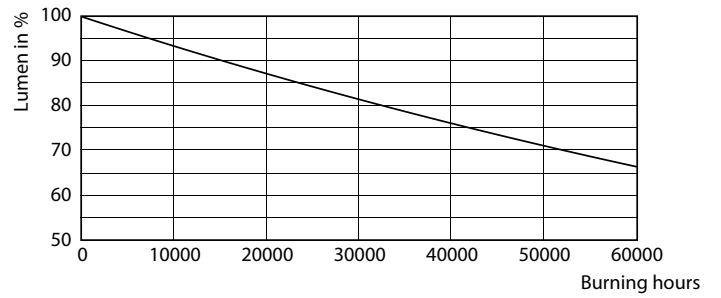
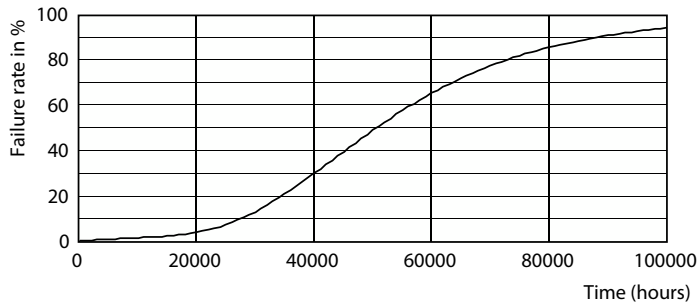


Light Distribution Diagram - 54-45-36CC/LED/3PW/3CCT/Ex39 BB 3/1

General uniform lighting - 54-45-36CC/LED/3PW/3CCT/Ex39 BB 3/1

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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 54-45-36CC/LED/3PW/3CCT/Ex39 BB 3/1

