



LED Corn Cobs

54-45-36CC/LED/3PW/3CCT/Ex39 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
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
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)	925,981 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN	RG1
62471	
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)	
Temperature		
T-Case Maximum (Nom)	171 °F	
Controls and Dimming		
Dimmable	Step Dim - Do not use with dimmer	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Shape	Corncob	
Net Weight (Piece)	1.411 lb	
Approval and Application		
Approval Marks	DLC compliance	
EU RoHS compliant	Yes	
Ambient temperature range	-22 to +113 °F	

Datasheet, 2025, February 27 data subject to change

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Application Conditions	
can it be used in closed luminaires	Yes
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	

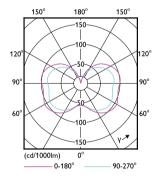
Dimensional drawing

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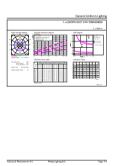
Product	D	С
54-45-36CC/LED/3PW/3CCT/Ex39 BB 3/1	3-3/16 inch	8-7/8 inch



Photometric data



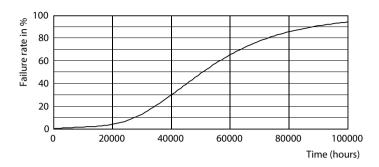
Light Distribution Diagram - 54-45-36CC/LED/3PW/3CCT/Ex39 BB 3/1

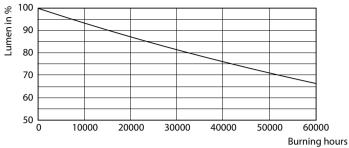


General uniform lighting - 54-45-36CC/LED/3PW/3CCT/Ex39 BB 3/1

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Lifetime





Life Expectancy Diagram

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



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