



LED Corn Cobs

27-18-12CC/LED/3PW/3CCT/E26 BB 6/1

LED, Corncob, Mains only, 27 W, 18 W, 12 W, E26, 3000 K, 4000 K, 5000 K, 3800 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	E26
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	3,800 lm
Color Designation	3000K/4000K/5000K
Correlated Color Temperature (Nom)	3000 4000 5000 K
Luminous Efficacy (rated) (Nom)	140 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	27 18 12 W
Lamp Current (Nom)	300 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 100/70W MH 70/50W
Ballast Compatibility	Mains only
Temperature	
T-Case Maximum (Nom)	161 °F
Controls and Dimming	
Dimmable	Step Dim - Do not use with dimmer

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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Corncob
Net Weight (Piece)	0.617 lb

Approval and Application

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

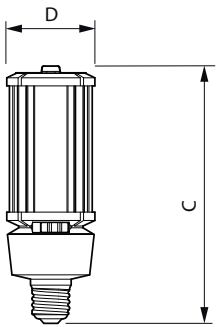
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

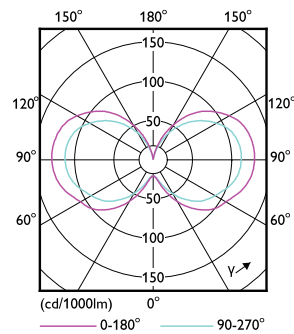
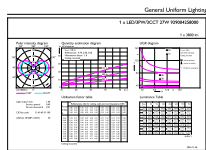
Order product name	27-18-12CC/LED/3PW/3CCT/E26 BB 6/1
Full product name	27-18-12CC/LED/3PW/3CCT/E26 BB 6/1
Order code	606269
Material Nr. (12NC)	929004258004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677606268
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677606263

Dimensional drawing



Product	D	C
27-18-12CC/LED/3PW/3CCT/E26 BB 6/1	2-7/16 inch	7 inch

Photometric data

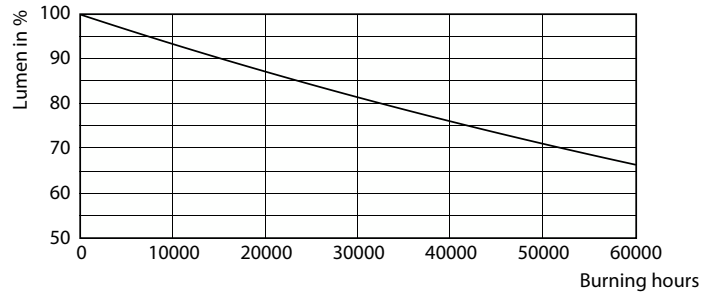
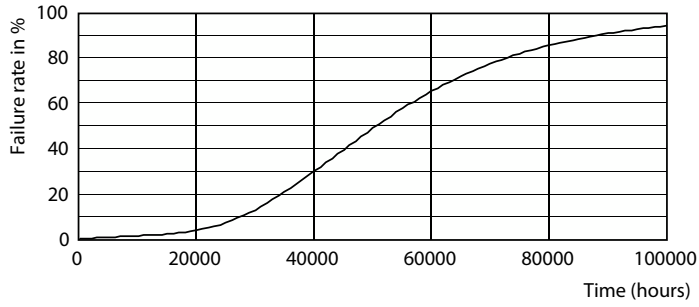


General uniform lighting - 27-18-12CC/LED/3PW/3CCT/E26 BB 6/1

Light Distribution Diagram - 27-18-12CC/LED/3PW/3CCT/E26 BB 6/1

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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 27-18-12CC/LED/3PW/3CCT/E26 BB 6/1

