



# LED Corn Cobs

## 36-27-18CC/LED/3PW/3CCT/Ex39 BB 3/1

LED, Corncob, Mains only, 36 W, 27 W, 18 W, HPS 150/100/70W, MH 100/70/50W, EX39, 3000 K, 4000 K, 5000 K, 5000 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	5,000 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	36 27 18 W
Lamp Current (Nom)	400 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 150/100/70W MH 100/70/50W
Ballast Compatibility	Mains only

Temperature	
T-Case Maximum (Nom)	77.5 °C

Controls and Dimming	
Dimmable	Step Dim - Do not use with dimmer

# LED Corn Cobs

## Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Corn cob
Net Weight (Piece)	0.430 kg

## Approval and Application

Energy Saving Product	Yes
Approval Marks	DLC compliance
EU RoHS compliant	Yes
Ambient temperature range	-30 to +45 °C

## Application Conditions

can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

## Product Data

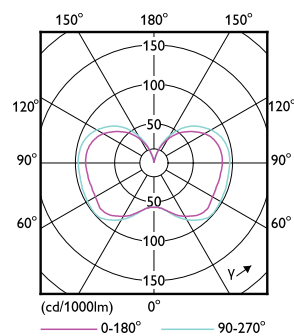
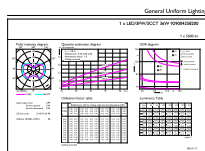
Order product name	36-27-18CC/LED/3PW/3CCT/Ex39 BB 3/1
Full product name	36-27-18CC/LED/3PW/3CCT/Ex39 BB 3/1
Order code	929004258204
Material Nr. (12NC)	929004258204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677606237
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677606232

## Dimensional drawing



Product	D	C
36-27-18CC/LED/3PW/3CCT/Ex39 BB 3/1	67 mm	202 mm

## Photometric data

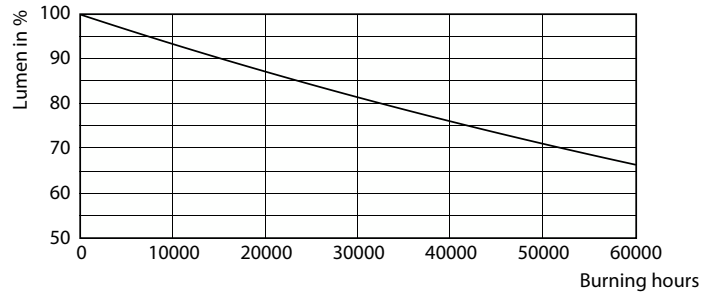
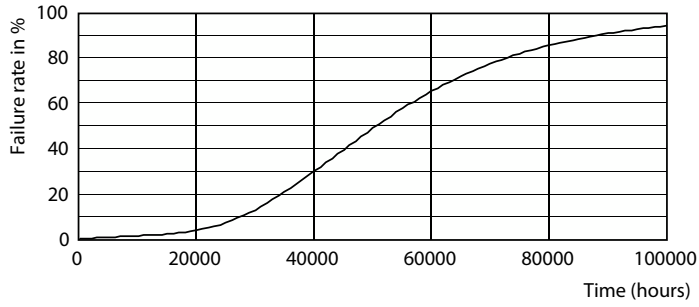


General uniform lighting - 36-27-18CC/LED/3PW/3CCT/Ex39 BB 3/1

Light Distribution Diagram - 36-27-18CC/LED/3PW/3CCT/Ex39 BB 3/1

# LED Corn Cobs

## Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 36-27-18CC/LED/3PW/3CCT/Ex39 BB 3/1

