



LED Corn Cobs

180-130-100CC/LED/3PW/740/EX39 BB 3/1

LED, Corncob, Mains, 100 W, 130 W, 180 W, HPS
400/310/250W, MH 400/400/350W, EX39, 4000 K, 30000 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	740 [CCT of 4000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	30.000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	166 lm/W
Color Consistency	<6
Color rendering index (CRI)	70
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	100 130 180 W
Lamp Current (Nom)	900 1,600 mA
Starting Time (Nom)	2 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL classified+RU)
Wattage Equivalent (LED HID only)	HPS 400/310/250W MH 400/400/350W
Ballast Compatibility	Mains
Temperature	
T-Case Maximum (Nom)	34.7 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Corncob
Net Weight (Piece)	0.620 kg

Approval and Application

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	180 kWh
EU RoHS compliant	Yes
Ambient temperature range	-40 to +45 °C

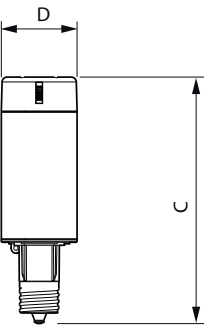
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

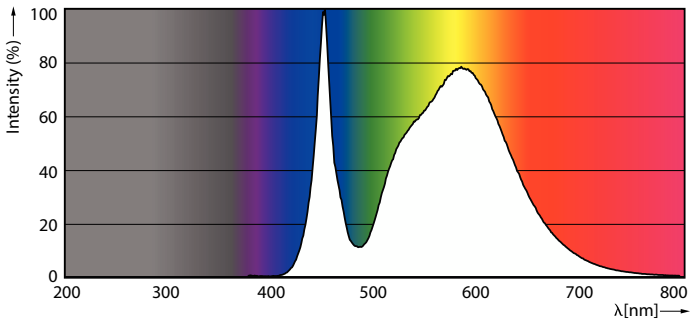
Order product name	180-130-100CC/LED/3PW/740/EX39 BB 3/1
Full product name	180-130-100CC/LED/3PW/740/EX39 BB 3/1
Order code	929004280404
Material Nr. (12NC)	929004280404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677607425
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677607420

Dimensional drawing

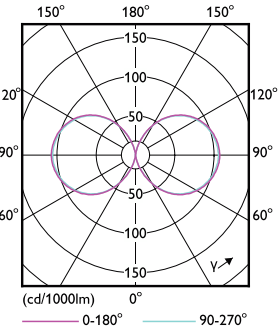


Product	D	C
180-130-100CC/LED/3PW/740/EX39 BB 3/1	77.5 mm	250 mm

Photometric data



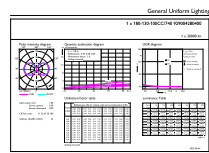
Spectral Power Distribution Colour - 180-130-100CC/LED/3PW/740/EX39 BB 3/1



Light Distribution Diagram - 180-130-100CC/LED/3PW/740/EX39 BB 3/1

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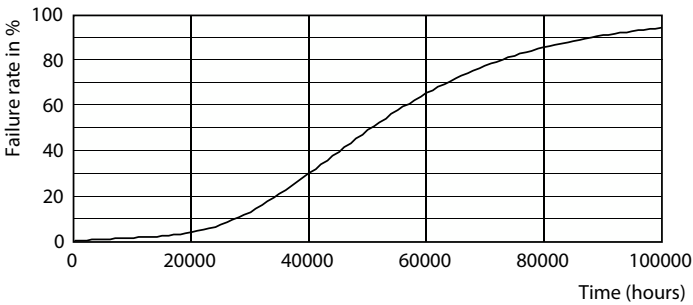
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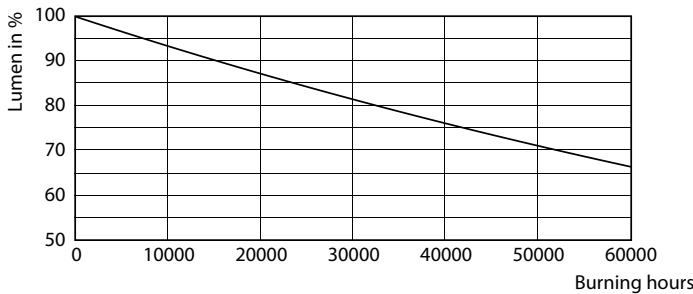
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General uniform lighting - 180-130-100CC/LED/3PW/740/EX39 BB 3/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 180-130-100CC/LED/3PW/740/EX39 BB 3/1

