



LED Corn Cobs

450CC/LED/850/LS 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

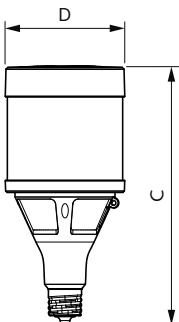
| General Information | |
|---------------------------------------|----------------------------------|
| Cap-Base | EX39 [Exclusionary Mogul Screw] |
| Nominal lifetime | 50,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |
| Light Technical | |
| Color Code | 850 [CCT of 5000K] |
| Luminous Flux | 65,000 lm |
| Color Designation | Daylight |
| Correlated Color Temperature (Nom) | 5000 K |
| Luminous Efficacy (rated) (Nom) | 144.00 lm/W |
| Color Consistency | ANSI 5000K quadrangle |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 450 W |
| Lamp Current (Nom) | 1,700 mA |
| Starting Time (Nom) | 2 s |
| Warm-up time to 60% light | |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 277-480 V |
| UL Type | HIB_UL Type B (UL classified+RU) |
| Temperature | |
| Ambient temperature range | -20 °C to 45 °C |
| T-Case Maximum (Nom) | 42.5 °C |
| Controls and Dimming | |
| Dimmable | Preset Dimming |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Material | Plastic |
| Bulb Shape | Corn cob |
| Application Conditions | |
| can it be used in closed luminaires | Yes |
| Product Data | |
| Order product name | 450CC/LED/850/LS EX39 BB 3/1 |
| Full product name | 450CC/LED/850/LS EX39 BB 3/1 |

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| | |
|-------------------------------|--------------|
| Order code | 929003019804 |
| Material Nr. (12NC) | 929003019804 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677564742 |

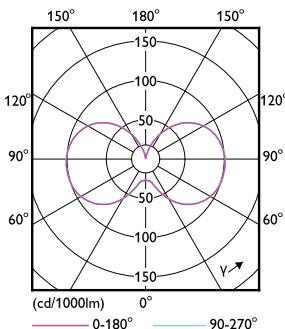
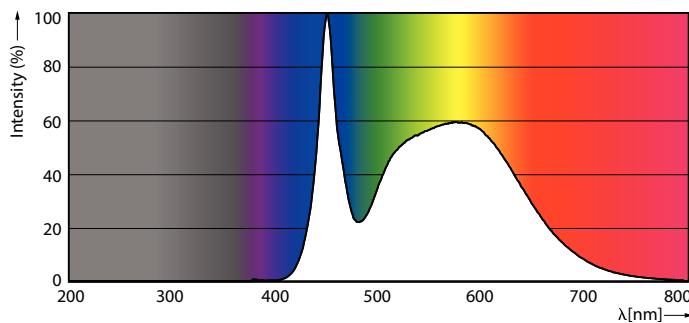
| | |
|---------------------------------|----------------|
| Numerator - Packs per outer box | 3 |
| EAN/UPC - Case | 50046677564747 |

Dimensional drawing



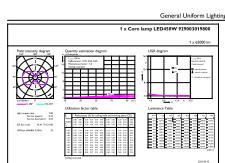
| Product | D | C |
|------------------------------|--------|--------|
| 450CC/LED/850/LS EX39 BB 3/1 | 142 mm | 308 mm |

Photometric data



Spectral Power Distribution Colour - 450CC/LED/850/LS EX39 BB 3/1

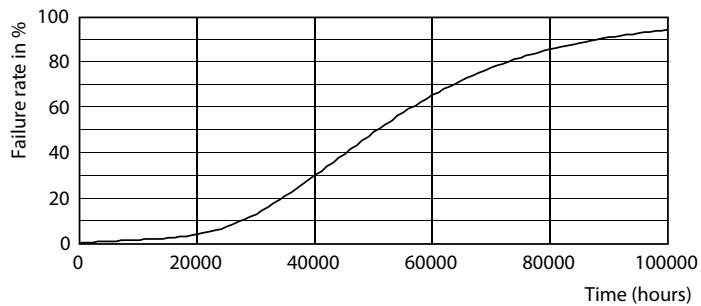
Light Distribution Diagram - 450CC/LED/850/LS EX39 BB 3/1



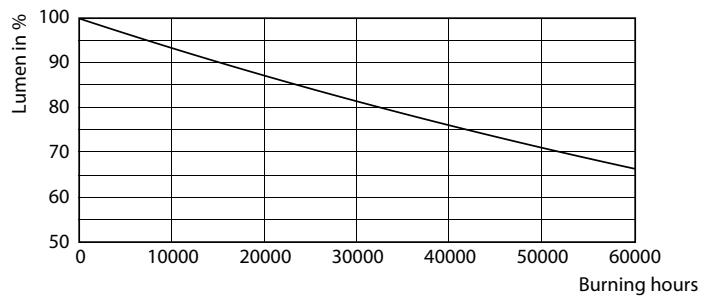
General uniform lighting - 450CC/LED/850/LS EX39 BB 3/1

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Lifetime



Life Expectancy Diagram - 450CC/LED/850/LS EX39 BB 3/1



Lumen Maintenance Diagram - 450CC/LED/850/LS EX39 BB 3/1

