



# LED Corn Cobs

## 450CC/LED/840/LS EX39 BB 3/1

Philips Corn Cob LED 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

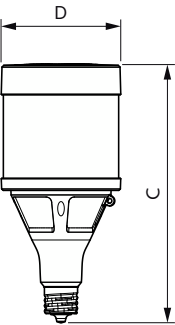
| General information                   |                                  |
|---------------------------------------|----------------------------------|
| Cap-Base                              | EX39 [ Exclusionary Mogul Screw] |
| EU RoHS compliant                     | Yes                              |
| Nominal Lifetime (Nom)                | 50000 h                          |
| Switching Cycle                       | 50000                            |
| Tier                                  | MASTER                           |
| Light technical                       |                                  |
| Color Code                            | 840 [ CCT of 4000K]              |
| Luminous Flux (Nom)                   | 65000 lm                         |
| Color Designation                     | Cool White (CW)                  |
| Correlated Color Temperature (Nom)    | 4000 K                           |
| Luminous Efficacy (rated) (Nom)       | 144.00 lm/W                      |
| Color Consistency                     | ANSI 4000K quadrangle            |
| Color Rendering Index (Nom)           | 80                               |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                             |
| Operating and electrical              |                                  |
| Input Frequency                       | 50 to 60 Hz                      |
| Power (Nom)                           | 450 W                            |
| Lamp Current (Nom)                    | 1700 mA                          |
| Wattage Equivalent                    | 1000 W                           |
| Starting Time (Nom)                   | 2 s                              |

| Warm Up Time to 60% Light (Nom) | 2 s                          |
|---------------------------------|------------------------------|
| UL Type                         | Type B - bypass the ballast  |
| Power Factor (Nom)              | 0.9                          |
| Voltage (Nom)                   | 277-480 V                    |
| Temperature                     |                              |
| T-Ambient (Max)                 | 45 °C                        |
| T-Ambient (Min)                 | -20 °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                      | Corncob                      |
| Product data                    |                              |
| Order product name              | 450CC/LED/840/LS EX39 BB 3/1 |
| EAN/UPC - Product               | 046677564735                 |
| Order code                      | 929003019704                 |
| Numerator - Quantity Per Pack   | 1                            |

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|                                 |              |
|---------------------------------|--------------|
| Numerator - Packs per outer box | 3            |
| Material Nr. (12NC)             | 929003019704 |
| Net Weight (Piece)              | 1.784 kg     |

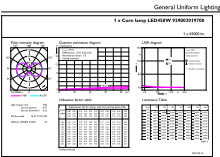
Dimensional drawing



450CC/LED/840/LS EX39 BB 3/1

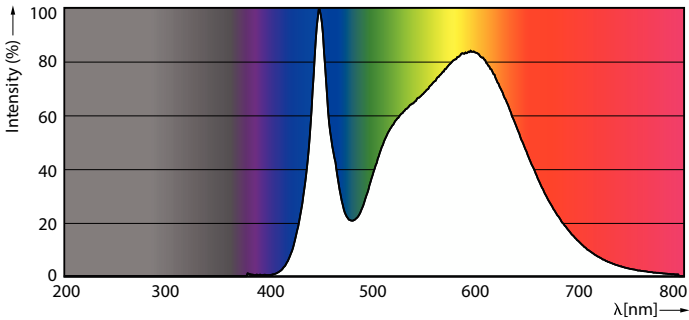
| Product                      | D      | C      |
|------------------------------|--------|--------|
| 450CC/LED/840/LS EX39 BB 3/1 | 142 mm | 308 mm |

Photometric data

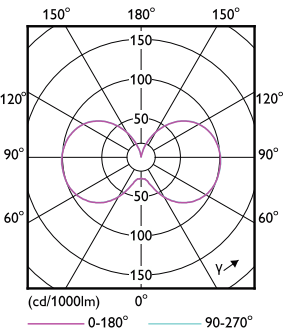


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LEDTForce LS 450W Corncob EX39 840-GUL



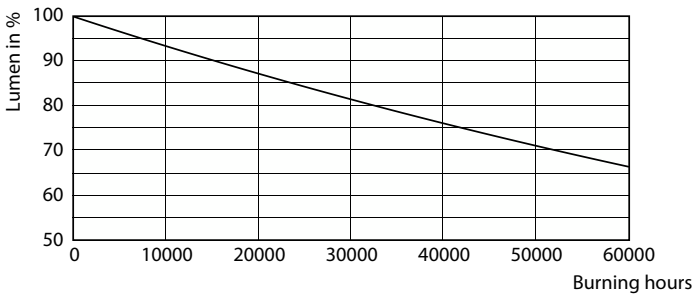
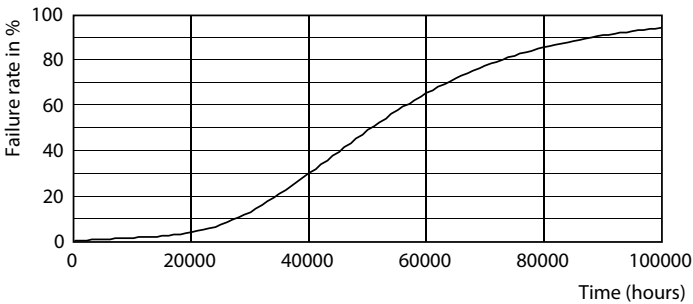
LEDTForce LS 450W Corncob EX39 840-POC



LEDTForce LS 450W Corncob EX39-LDD

LED Corn Cobs

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram

