



# LED Corn Cobs

## 145CC/LED/3CCT/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] |
| Nominal lifetime                      | 50,000 hour(s)                  |
| Switching Cycle                       | 50,000                          |
| Lighting Technology                   | LED                             |
| Light Technical                       |                                 |
| Color Code                            | 3000K/4000K/5000K               |
| Luminous Flux                         | 20,500 22,000 22,000 lm         |
| Color Designation                     | 3000K/4000K/5000K               |
| Correlated Color Temperature (Nom)    | 3000 4000 5000 K                |
| Luminous Efficacy (rated) (Nom)       | 151 lm/W                        |
| Color Consistency                     | <3                              |
| Color rendering index (CRI)           | 80                              |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                            |
| Operating and Electrical              |                                 |
| Input Frequency                       | 50 to 60 Hz                     |
| Power Consumption                     | 145 W                           |
| Lamp Current (Nom)                    | 1,300 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)                |
| Temperature                         |   |
| T-Case Maximum (Nom)                | 104 °F  |
| Controls and Dimming                |   |
| Dimmable                            | Variac Dimming                                  |
| Mechanical and Housing              |   |
| Bulb Finish                         | Clear   |
| Bulb Shape                          | Corncob   |
| Net Weight (Piece)                  | 1.984 lb  |
| Approval and Application            |   |
| Photobiological risk                | Photobiological risk group 1 @ 200mm to EN62471 |
| EU RoHS compliant                   | Yes   |
| Ambient temperature range           | -4 to +131 °F                                   |
| Application Conditions              |   |
| can it be used in closed luminaires | Yes   |

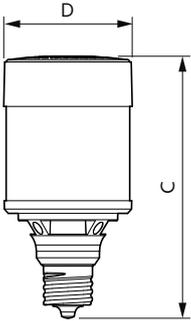
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## Product Data

|                               |                               |
|-------------------------------|-------------------------------|
| Order product name            | 145CC/LED/3CCT/LS EX39 BB 3/1 |
| Full product name             | 145CC/LED/3CCT/LS EX39 BB 3/1 |
| Order code                    | 583708                        |
| Material Nr. (12NC)           | 929003631604                  |
| Numerator - Quantity Per Pack | 1                             |

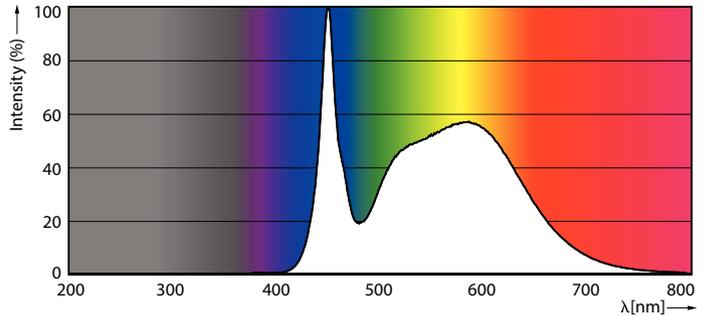
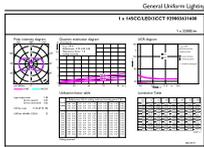
|                                 |                |
|---------------------------------|----------------|
| EAN/UPC - Product/Case          | 046677583705   |
| Numerator - Packs per outer box | 3              |
| EAN/UPC - Case                  | 50046677583700 |

## Dimensional drawing



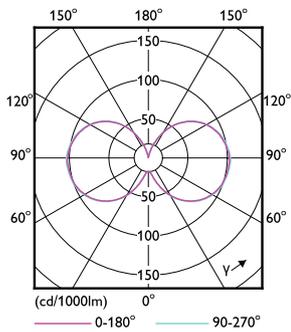
| Product                       | D           | C           |
|-------------------------------|-------------|-------------|
| 145CC/LED/3CCT/LS EX39 BB 3/1 | 4-1/16 inch | 8-5/16 inch |

## Photometric data



General uniform lighting - 145CC/LED/3CCT/LS EX39 BB 3/1

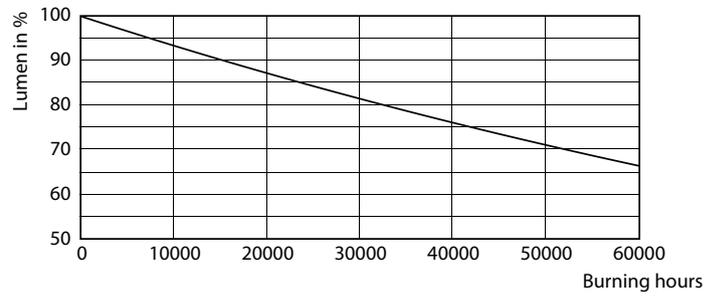
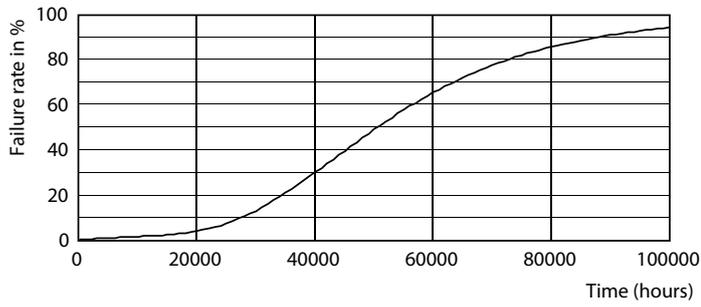
Spectral Power Distribution Colour - 145CC/LED/3CCT/LS EX39 BB 3/1



Light Distribution Diagram - 145CC/LED/3CCT/LS EX39 BB 3/1

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## Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 145CC/LED/3CCT/LS EX39 BB 3/1

