

# LED Corn Cobs

27CC/LED/850/ND E26 G2 BB 6/1

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                              | E26 [Single Contact Medium 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                         | 3,800 lm                          |
| Color Designation                     | Daylight                          |
| Correlated Color Temperature (Nom)    | 5000 K                            |
| Luminous Efficacy (rated) (Nom)       | 140.00 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                     | 27 W                              |
| Lamp Current (Nom)                    | 300 mA                            |
| Starting Time (Nom)                   | 1 s                               |

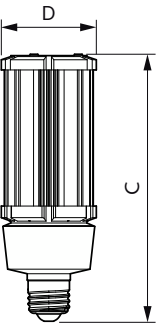
| Warm-up time to 60% light           | 1 s                                  |
|-------------------------------------|--------------------------------------|
| Power Factor (Fraction)             | 0.9                                  |
| Voltage (Nom)                       | 100-277 V                            |
| UL Type                             | HIB_UL Type B (UL Listed+Classified) |
| Temperature                         |                                      |
| Ambient temperature range           | -20 °C to 45 °C                      |
| T-Case Maximum (Nom)                | 60 °C                                |
| Controls and Dimming                |                                      |
| Dimmable                            | No                                   |
| Mechanical and Housing              |                                      |
| Bulb Finish                         | Clear                                |
| Bulb Material                       | Plastic                              |
| Bulb Shape                          | Corncob                              |
| Approval and Application            |                                      |
| Energy Consumption kWh/1000 h       | 27 kWh                               |
| Application Conditions              |                                      |
| can it be used in closed luminaires | Yes                                  |

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| Product Data                  |                               |
|-------------------------------|-------------------------------|
| Order product name            | 27CC/LED/850/ND E26 G2 BB 6/1 |
| Full product name             | 27CC/LED/850/ND E26 G2 BB 6/1 |
| Order code                    | 929002395704                  |
| Material Nr. (12NC)           | 929002395704                  |
| Numerator - Quantity Per Pack | 1                             |

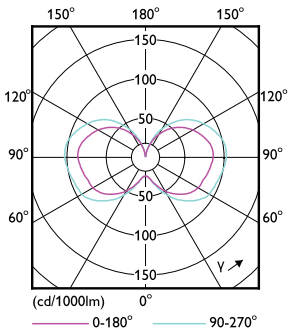
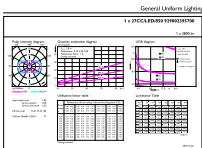
|                                 |                |
|---------------------------------|----------------|
| EAN/UPC - Product/Case          | 046677559687   |
| Numerator - Packs per outer box | 6              |
| EAN/UPC - Case                  | 50046677559682 |

Dimensional drawing



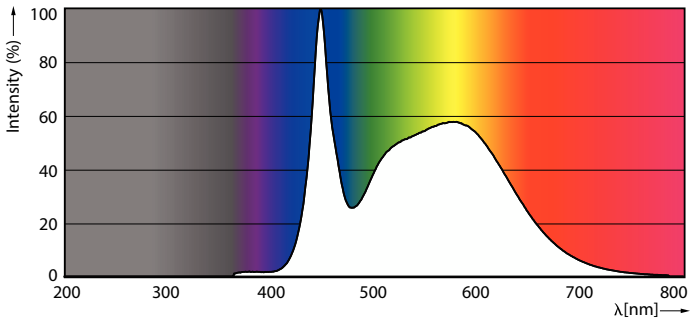
| Product                       | D     | C      |
|-------------------------------|-------|--------|
| 27CC/LED/850/ND E26 G2 BB 6/1 | 60 mm | 170 mm |

Photometric data



General uniform lighting - 27CC/LED/850/ND E26 G2 BB 6/1

Light Distribution Diagram - 27CC/LED/850/ND E26 G2 BB 6/1



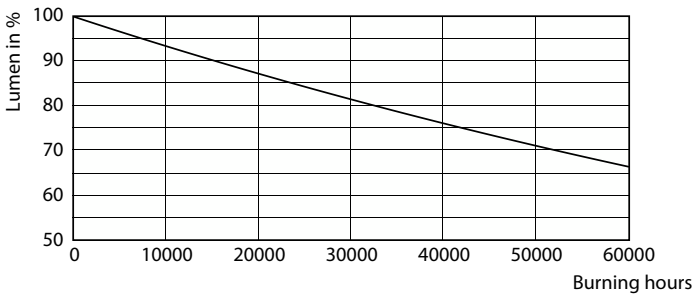
Spectral Power Distribution Colour - 27CC/LED/850/ND E26 G2 BB 6/1

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Lifetime



Life Expectancy Diagram - 27CC/LED/850/ND E26 G2 BB 6/1



Lumen Maintenance Diagram - 27CC/LED/850/ND E26 G2 BB 6/1

