# **PHILIPS** Lighting



## **LED Corn Cobs**

#### 36CC/LED/830/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                            | 830 [CCT of 3000K]                |
| Luminous Flux                         | 5,000 lm                          |
| Color Designation                     | White (WH)                        |
| Correlated Color Temperature (Nom)    | 3000 K                            |
| Luminous Efficacy (rated) (Nom)       | 138.00 lm/W                       |
| Color Consistency                     | ANSI 3000K 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        | 36 W        |
| Lamp Current (Nom)       | 400 mA      |
| Starting Time (Nom)      | 1s          |

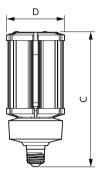
| Warm-up time to 60% light           | 1s                                   |
|-------------------------------------|--------------------------------------|
| Power Factor (Fraction)             | 0.9                                  |
| Voltage (Nom)                       | 100-277 V                            |
| UL Type                             | HIB_UL Type B (UL Listed+Classified) |
|                                     |                                      |
| Temperature                         |                                      |
| Ambient temperature range           | -20 ℃ to 45 ℃                        |
| T-Case Maximum (Nom)                | 60 ℃                                 |
|                                     |                                      |
| 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       | 36 kWh                               |
|                                     |                                      |
| Application Conditions              |                                      |
| can it be used in closed luminaires | Yes                                  |

#### **LED Corn Cobs**

| Product Data                  |                               |
|-------------------------------|-------------------------------|
| Order product name            | 36CC/LED/830/ND E26 G2 BB 6/1 |
| Full product name             | 36CC/LED/830/ND E26 G2 BB 6/1 |
| Order code                    | 559690                        |
| Material Nr. (12NC)           | 929002395804                  |
| Numerator - Quantity Per Pack | 1                             |

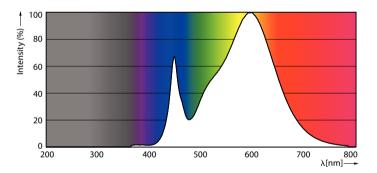
| EAN/UPC - Product/Case          | 046677559694   |  |
|---------------------------------|----------------|--|
| Numerator - Packs per outer box | 6              |  |
| EAN/UPC - Case                  | 50046677559699 |  |

#### Dimensional drawing



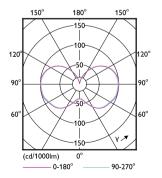
Photometric data

### Product D C 36CC/LED/830/ND E26 G2 BB 6/1 85 mm 201 mm



Spectral Power Distribution Colour - 36CC/LED/830/ND E26 G2 BB 6/1

General uniform lighting - 36CC/LED/830/ND E26 G2 BB 6/1

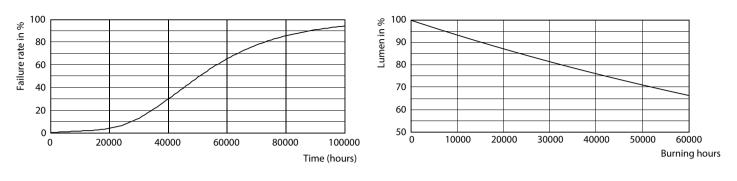


Light Distribution Diagram - 36CC/LED/830/ND E26 G2 BB 6/1

Datasheet, 2023, April 15

#### **LED Corn Cobs**

#### Lifetime



Life Expectancy Diagram - 36CC/LED/830/ND E26 G2 BB 6/1

Lumen Maintenance Diagram - 36CC/LED/830/ND E26 G2 BB 6/1



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