# **PHILIPS** Lighting



# **LED Corn Cobs**

# 80CC/LED/840/ND EX39 G2 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                            | 840 [CCT of 4000K]              |
| Luminous Flux                         | 12,000 lm                       |
| Color Designation                     | Cool White (CW)                 |
| Correlated Color Temperature (Nom)    | 4000 K                          |
| Luminous Efficacy (rated) (Nom)       | 150.00 lm/W                     |
| Color Consistency                     | ANSI 4000K 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        | 80 W        |
| Lamp Current (Nom)       | 700 mA      |
| Starting Time (Nom)      | 1s          |

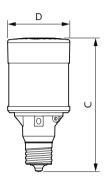
| B 3/1 |
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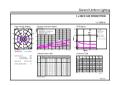
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|--------------|---|
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| 046677559847 |   |
| 3            |   |
|              | 1 |

| _ | EAN/UPC - Case | 50046677559842 |
|---|----------------|----------------|
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### Dimensional drawing



#### Photometric data

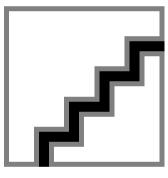




Spectral Power Distribution Colour - 80CC/LED/840/ND EX39 G2 BB 3/1

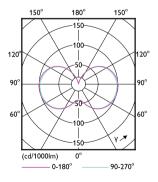
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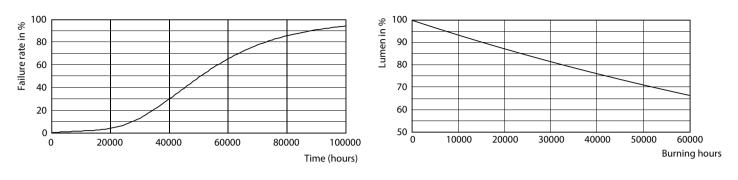
General uniform lighting - 80CC/LED/840/ND EX39 G2 BB 3/1



Light Distribution Diagram - 80CC/LED/840/ND EX39 G2 BB 3/1

## **LED Corn Cobs**

#### Lifetime



Life Expectancy Diagram - 80CC/LED/840/ND EX39 G2 BB 3/1

Lumen Maintenance Diagram - 80CC/LED/840/ND EX39 G2 BB 3/1



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