PHILIPS Lighting



LED Corn Cobs

27CC/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

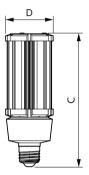
| General Information | |
|---------------------------------------|-----------------------------------|
| Lighting Technology | LED |
| Switching Cycle | 50,000 |
| Nominal lifetime | 50,000 hour(s) |
| Cap-Base | E26 [Single Contact Medium Screw] |
| | |
| Light Technical | |
| Color Code | 830 [CCT of 3000K] |
| Luminous Flux | 3,500 lumen |
| Color Designation | White (WH) |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 129.00 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 | 27 W |
| Lamp Current (Nom) | 300 mA |
| Starting Time (Nom) | 1 s |
| Warm-up time to 60% light | 1s |

| Power Factor (Fraction) | 0.9 |
|-------------------------------|-------------------------------|
| Voltage (Nom) | 100-277 V |
| | |
| Temperature | |
| Ambient temperature range | -20 ℃ to 45 ℃ |
| 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 |
| EU RoHS compliant | Yes |
| | |
| Product Data | |
| Order product name | 27CC/LED/830/ND E26 G2 BB 6/1 |
| Order code | 559666 |
| Numerator - Quantity Per Pack | 1 |

LED Corn Cobs

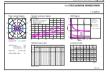
| Numerator - Packs per outer box | 6 |
|---------------------------------|-------------------------------|
| Material number (12NC) | 929002395504 |
| Full product name | 27CC/LED/830/ND E26 G2 BB 6/1 |

Dimensional drawing

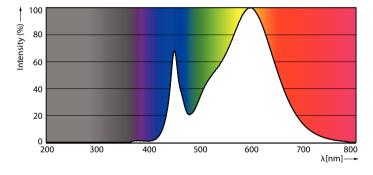


Product D C 27CC/LED/830/ND E26 G2 BB 6/1 60 mm 170 mm

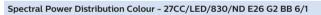


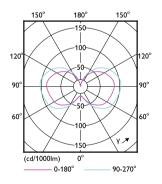


Photometric data



General uniform lighting - 27CC/LED/830/ND E26 G2 BB 6/1

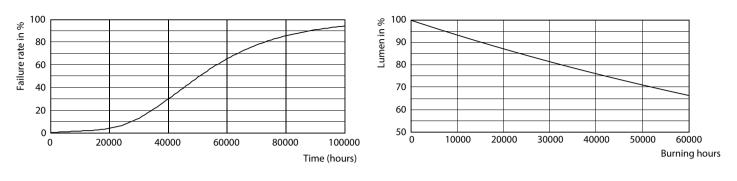




Light Distribution Diagram - 27CC/LED/830/ND E26 G2 BB 6/1

LED Corn Cobs

Lifetime



Life Expectancy Diagram - 27CC/LED/830/ND E26 G2 BB 6/1

Lumen Maintenance Diagram - 27CC/LED/830/ND E26 G2 BB 6/1



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 15 - data subject to change