



LED Corn Cobs

54CC/LED/840/ND EX39 BB 12/1

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 | 7,500 lm | |
| Color Designation | Cool White (CW) | |
| Correlated Color Temperature (Nom) | 4000 K | |
| Luminous Efficacy (rated) (Nom) | 138.00 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 | 54 W | |
| Starting Time (Nom) | 2.5 s | |
| Warm-up time to 60% light | ≤2.5 s | |

| Power Factor (Fraction) | 0.9 | | |
|-------------------------------|------------------------------|--|--|
| Voltage (Nom) | 120-277 V | | |
| UL Type | Type B - bypass the ballast | | |
| | | | |
| Temperature | | | |
| T-Case Maximum (Nom) | 194 °F | | |
| | | | |
| 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 | 54 kWh | | |
| | | | |
| Product Data | | | |
| Order product name | 54CC/LED/840/ND EX39 BB 12/1 | | |
| Full product name | 54CC/LED/840/ND EX39 BB 12/1 | | |
| Order code | 553420 | | |
| Material Nr. (12NC) | 929002251604 | | |

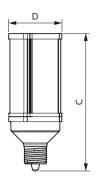
Datasheet, 2023, November 12 data subject to change

LED Corn Cobs

| Numerator - Quantity Per Pack | 1 |
|---------------------------------|--------------|
| EAN/UPC - Product/Case | 046677553425 |
| Numerator - Packs per outer box | 12 |

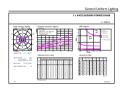
| EAN/UPC - Case | 50046677553420 |
|----------------|----------------|
| | |

Dimensional drawing

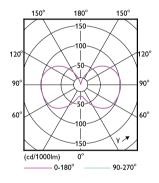


| Product | D | С |
|------------------------------|--------------|--------------|
| 54CC/LED/840/ND EX39 BB 12/1 | 3-13/16 inch | 9-13/16 inch |

Photometric data

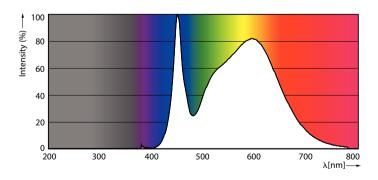






Light Distribution Diagram - 54CC/LED/840/ND EX39 BB 12/1

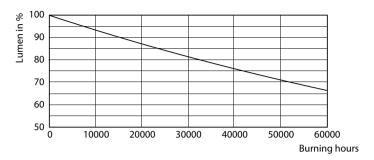
Accent Lighting Spots - 54CC/LED/840/ND EX39 BB 12/1

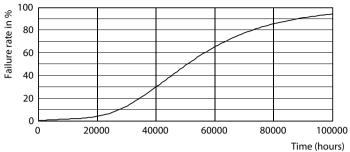


Spectral Power Distribution Colour - 54CC/LED/840/ND EX39 BB 12/1

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Lifetime





Lumen Maintenance Diagram - 54CC/LED/840/ND EX39 BB 12/1

Life Expectancy Diagram - 54CC/LED/840/ND EX39 BB 12/1



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