



LED Glass HID lamps

34GC/LED/850/ND EX39 BB 6/1

Philips Glass HID lamps offer you an easy, short-payback LED solution to replace High Intensity Discharge (HID) lamps. Thanks to our High-Power LED filament technology, this new generation of indoor/outdoor glass lamps brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while providing instant savings with a low initial investment. They are designed to have the same aesthetics, lamp size and light distribution as the HID lamps they are replacing, so the upgrade to LED is easier than ever!

Product data

| General Information | | |
|---------------------------------------|---------------------------------|--|
| Cap-Base | EX39 [Exclusionary Mogul Screw] | |
| Nominal lifetime | 25,000 hour(s) | |
| Switching Cycle | 15,000 | |
| Lighting Technology | LED | |
| EU RoHS compliant | Yes | |
| | | |
| Light Technical | | |
| Color Code | 850 [CCT of 5000K] | |
| Beam Angle (Nom) | 300 degree(s) | |
| Luminous Flux | 5,000 lumen | |
| Color Designation | Daylight | |
| Correlated Color Temperature (Nom) | 5000 K | |
| Luminous Efficacy (rated) (Nom) | 147.00 lm/W | |
| Color Consistency | <6 | |
| 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 | 34 W | |
| Lamp Current (Nom) | 290 mA | |
| Wattage Equivalent | 150 W | |
| Starting Time (Nom) | 0.5 s | |
| Warm-up time to 60% light | 0.5 s | |
| Power Factor (Fraction) | 0.9 | |
| Voltage (Nom) | 120-277 V | |
| UL Type | HIB_UL Type B (UL Listed+Classified) | |
| | | |
| Temperature | | |
| Ambient temperature range | -4 °F to 113 °F | |
| T-Case Maximum (Nom) | 136 °F | |
| | | |
| Controls and Dimming | | |
| Dimmable | No | |
| | | |
| Mechanical and Housing | | |
| Bulb Finish | Frosted | |
| Bulb Material | Glass | |
| | | |

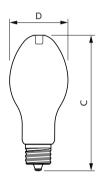
Datasheet, 2023, November 3 data subject to change

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| Bulb Shape | ED90 [ED 90mm] | |
|-------------------------------------|-----------------------------|--|
| | | |
| Application Conditions | | |
| can it be used in closed luminaires | Yes | |
| | | |
| Product Data | | |
| Order product name | 34GC/LED/850/ND EX39 BB 6/1 | |
| Order code | 578930 | |

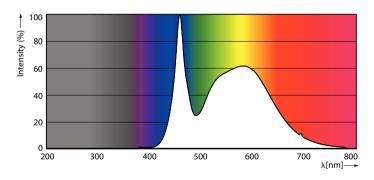
| Numerator - Quantity Per Pack | 1 |
|---------------------------------|-----------------------------|
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 929003508504 |
| Full product name | 34GC/LED/850/ND EX39 BB 6/1 |
| EAN/UPC - Case | 50046677578935 |
| EAN/UPC - Product/Case | 046677578930 |
| | |

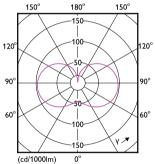
Dimensional drawing



| Product | D | С |
|-----------------------------|------------|------------|
| 34GC/LED/850/ND EX39 BB 6/1 | 3-5/8 inch | 8-5/8 inch |

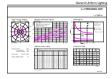
Photometric data





Spectral Power Distribution Colour - 34GC/LED/850/ND EX39 BB 6/1

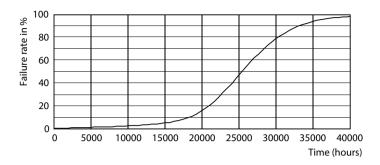
Light Distribution Diagram - 34GC/LED/850/ND EX39 BB 6/1

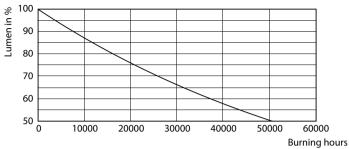


General uniform lighting - 34GC/LED/850/ND EX39 BB 6/1

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Lifetime





Life Expectancy Diagram - 34GC/LED/850/ND EX39 BB 6/1

Lumen Maintenance Diagram - 34GC/LED/850/ND EX39 BB 6/1



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