



# LED Glass HID lamps

## 34GC/LED/830 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                             | 50,000 hour(s)                  |
| Switching Cycle                              | 50,000                          |
| Lighting Technology                          | LED                             |
| Light Technical                              |                                 |
| Color Code                                   | 830 [CCT of 3000K]              |
| Beam Angle (Nom)                             | 300 degree(s)                   |
| Luminous Flux                                | 5,400 lm                        |
| Color Designation                            | White (WH)                      |
| Correlated Color Temperature (Nom)           | 3000 K                          |
| Luminous Efficacy (rated) (Nom)              | 158 lm/W                        |
| Color Consistency                            | <6                              |
| Color rendering index (CRI)                  | 80                              |
| LLMF At End Of Nominal Lifetime (Nom)        | 70 %                            |
| Photobiological safety according to EN 62471 | RG1                             |
| Operating and Electrical                     |                                 |
| Input Frequency                              | 50 to 60 Hz                     |

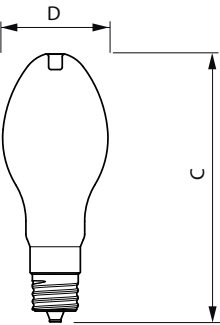
| Power Consumption         | 34 W                                 |
|---------------------------|--------------------------------------|
| Lamp Current (Max)        | 352 A                                |
| Lamp Current (Nom)        | 120 277 mA A                         |
| Starting Time (Nom)       | 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               |                                      |
| T-Case Maximum (Nom)      | 133 °F                               |
| Controls and Dimming      |                                      |
| Dimmable                  | Only with specific dimmers           |
| Mechanical and Housing    |                                      |
| Bulb Finish               | Clear                                |
| Bulb Shape                | ED28                                 |
| Net Weight (Piece)        | 0.43 lb                              |

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|                                     |                          |
|-------------------------------------|--------------------------|
| Approval and Application            |                          |
| Approval Marks                      | DLC compliance           |
| EU RoHS compliant                   | Yes                      |
| Ambient temperature range           | -4 to +113 °F            |
| Application Conditions              |                          |
| can it be used in closed luminaires | Yes                      |
| Product Data                        |                          |
| Order product name                  | 34GC/LED/830 EX39 BB 6/1 |

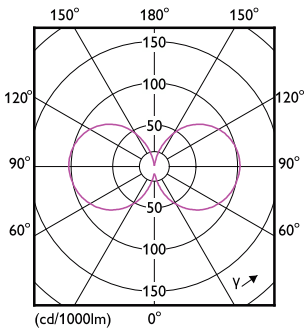
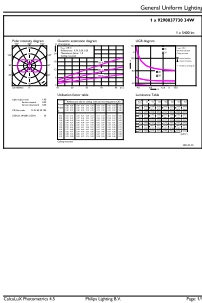
|                                 |                          |
|---------------------------------|--------------------------|
| Full product name               | 34GC/LED/830 EX39 BB 6/1 |
| Order code                      | 588194                   |
| Material Nr. (12NC)             | 929003773004             |
| Numerator - Quantity Per Pack   | 1                        |
| EAN/UPC - Product/Case          | 046677588199             |
| Numerator - Packs per outer box | 6                        |
| EAN/UPC - Case                  | 50046677588194           |

Dimensional drawing



| Product                  | D          | C          |
|--------------------------|------------|------------|
| 34GC/LED/830 EX39 BB 6/1 | 3-5/8 inch | 8-1/2 inch |

Photometric data

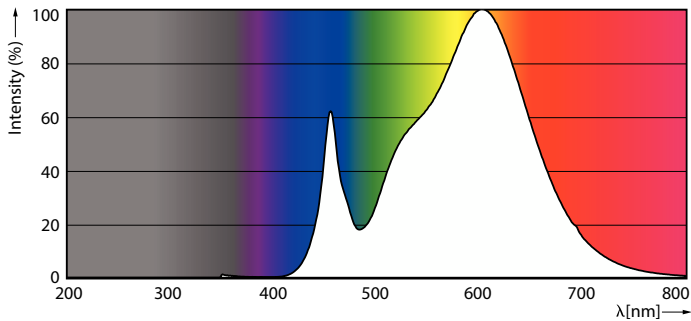


General uniform lighting - 34GC/LED/830 EX39 BB 6/1

Light Distribution Diagram - 34GC/LED/830 EX39 BB 6/1

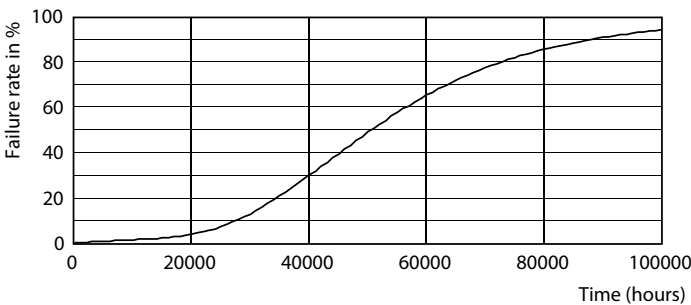
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Photometric data

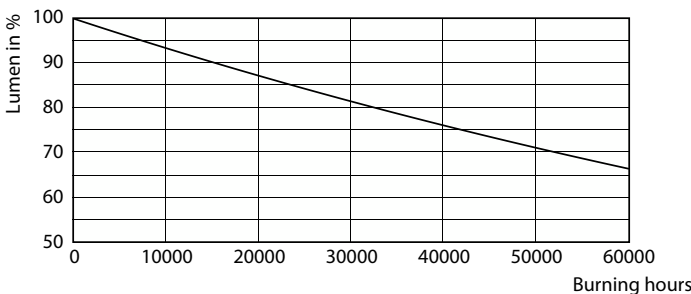


Spectral Power Distribution Colour - 34GC/LED/830 EX39 BB 6/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 34GC/LED/830 EX39 BB 6/1

