



LED Glass HID lamps

38GC/LED/840/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 |
| Light Technical | |
| Color Code | 840 [CCT of 4000K] |
| Beam Angle (Nom) | 300 degree(s) |
| Luminous Flux | 6,000 lm |
| Color Designation | Cool White (CW) |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 157.00 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 |

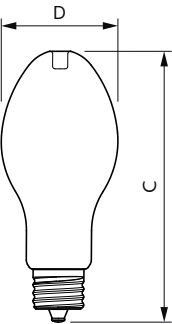
| Power Consumption | 38 W |
|---------------------------|--------------------------------------|
| Lamp Current (Nom) | 330 mA |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 120-277 V |
| UL Type | HIB_UL Type B (UL Listed+Classified) |
| Temperature | |
| T-Case Maximum (Nom) | 66.7 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Finish | Frosted |
| Bulb Material | Glass |
| Bulb Shape | ED90 |
| Net Weight (Piece) | 0.220 kg |

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|-------------------------------------|-----------------------------|
| Approval and Application | |
| EU RoHS compliant | Yes |
| Ambient temperature range | -20 °C to 45 °C |
| Application Conditions | |
| can it be used in closed luminaires | Yes |
| Product Data | |
| Order product name | 38GC/LED/840/ND EX39 BB 6/1 |

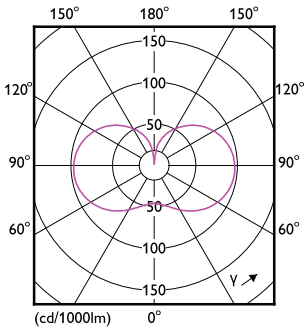
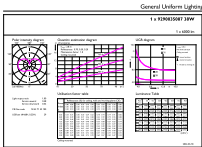
| | |
|---------------------------------|-----------------------------|
| Full product name | 38GC/LED/840/ND EX39 BB 6/1 |
| Order code | 929003508704 |
| Material Nr. (12NC) | 929003508704 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677578954 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 50046677578959 |

Dimensional drawing



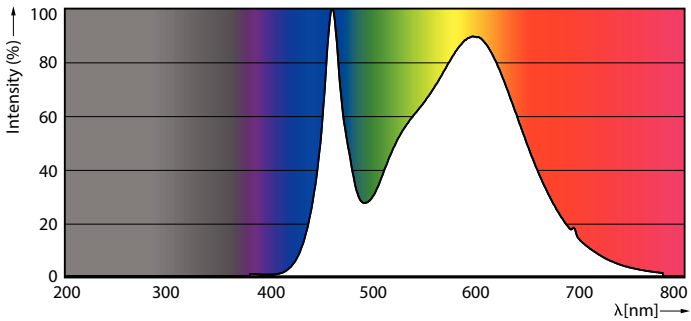
| Product | D | C |
|-----------------------------|---------|--------|
| 38GC/LED/840/ND EX39 BB 6/1 | 91.5 mm | 218 mm |

Photometric data



General uniform lighting - 38GC/LED/840/ND EX39 BB 6/1

Light Distribution Diagram - 38GC/LED/840/ND EX39 BB 6/1



Spectral Power Distribution Colour - 38GC/LED/840/ND EX39 BB 6/1

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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 38GC/LED/840/ND EX39 BB 6/1

