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	
Base	EX39 [Exclusionary Mogul Screw]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	15000
Technical Type	LEDTECH-LOV

Light technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	300 °
Initial lumen (Nom)	6000 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 (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	38 W
Lamp Current (Nom)	330 mA
Wattage Equivalent	175 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	HIB_UL Type B (UL Listed+Classified)
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V

Temperature	
T-Case Maximum (Nom)	66.7 °C

Controls and dimming	
Dimmable	No

Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	ED28 [ED28]

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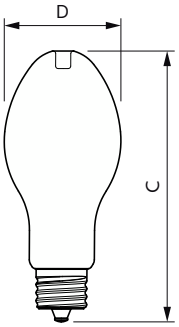
Product data	
Order product name	38GC/LED/840/ND EX39 BB 6/1
EAN/UPC - Product	046677578954
Order code	578954
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	6
Material Nr. (12NC)	929003508704
Net Weight (Piece)	0.485 lb

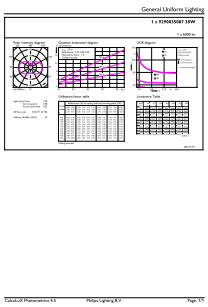
Dimensional drawing



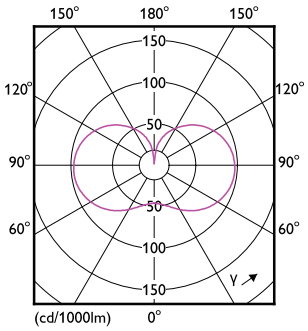
38GC/LED/840/ND EX39 BB 6/1

Product	D	C
38GC/LED/840/ND EX39 BB 6/1	3-5/8 in	8-5/8 in

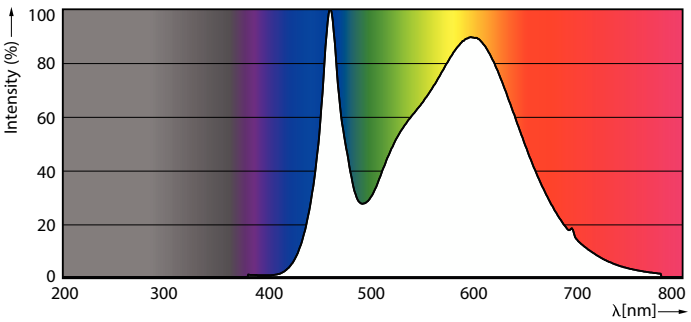
Photometric data



General uniform lighting

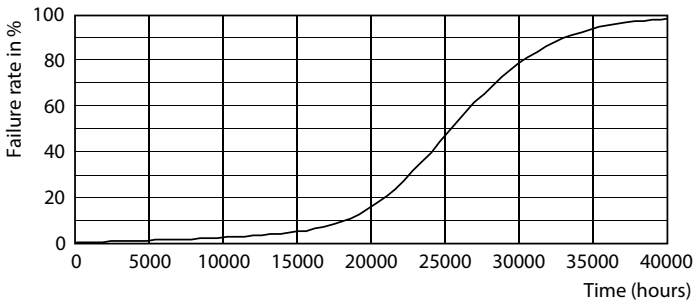


Light Distribution Diagram

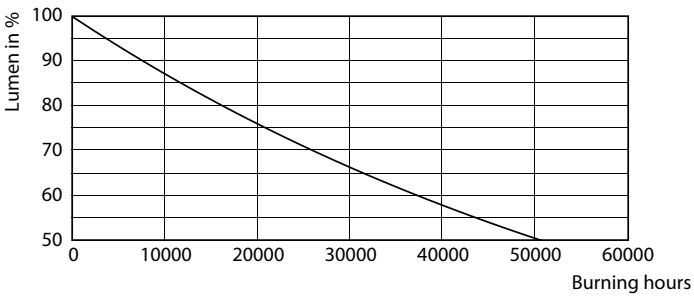


Spectral Power Distribution Colour

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

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