



# **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	
EU RoHS compliant	Yes	
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		
Ambient temperature range	-20 °C to 45 °C	
T-Case Maximum (Nom)	66.7 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Material	Glass	

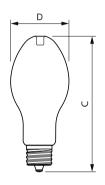
Datasheet, 2024, February 29 data subject to change

# **LED Glass HID lamps**

Bulb Shape	ED90	
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	

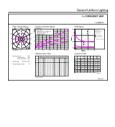
Order code	929003508704	
Material Nr. (12NC)	929003508704	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677578954	
Numerator - Packs per outer box	6	
EAN/UPC - Case	50046677578959	

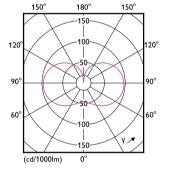
## Dimensional drawing



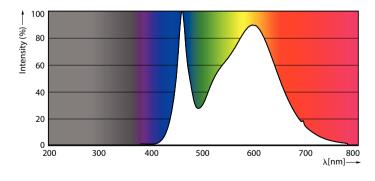
Product	D	С
38GC/LED/840/ND EX39 BB 6/1	91.5 mm	218 mm

#### Photometric data





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

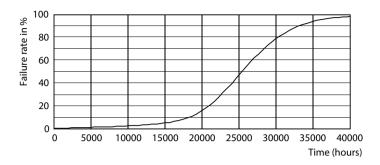


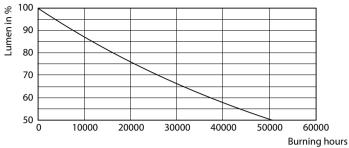
Spectral Power Distribution Colour - 38GC/LED/840/ND EX39 BB 6/1

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

## **LED Glass HID lamps**

### Lifetime





Life Expectancy Diagram - 38GC/LED/840/ND EX39 BB 6/1

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



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