

# LED Glass HID lamps

## 54GC/LED/840 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	840 [CCT of 4000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	10,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	185 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

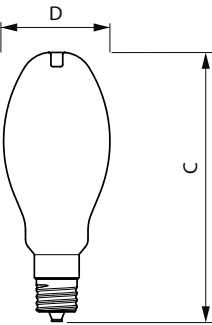
Power Consumption	54 W
Lamp Current (Max)	620 A
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Temperature	
T-Case Maximum (Nom)	46.3 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	ED32
Net Weight (Piece)	0.290 kg

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Approval and Application	
Approval Marks	DLC compliance
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	54GC/LED/840 EX39 BB 6/1

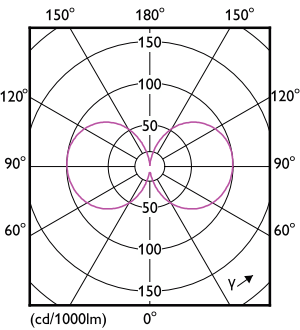
Full product name	54GC/LED/840 EX39 BB 6/1
Order code	929003773704
Material Nr. (12NC)	929003773704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588267
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588262

## Dimensional drawing

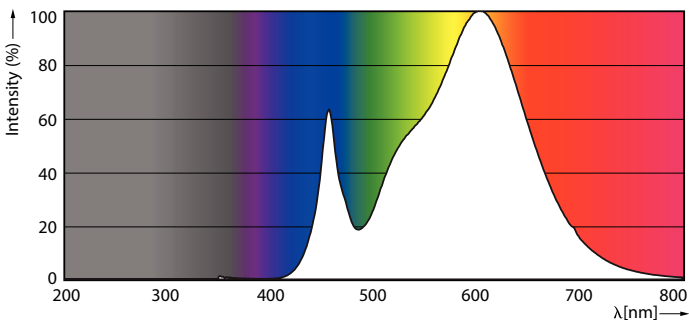


Product	D	C
54GC/LED/840 EX39 BB 6/1	103.5 mm	243 mm

## Photometric data



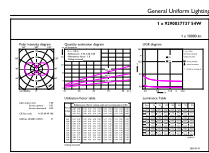
Light Distribution Diagram - 54GC/LED/840 EX39 BB 6/1



Spectral Power Distribution Colour - 54GC/LED/840 EX39 BB 6/1

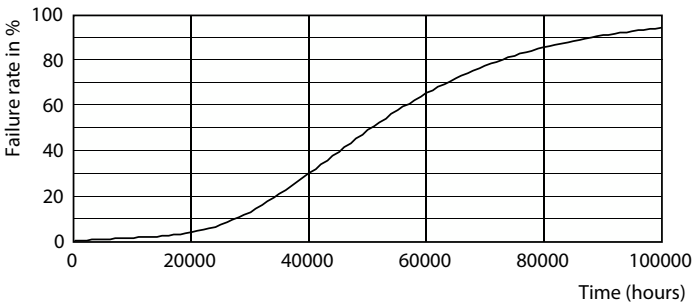
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## Photometric data

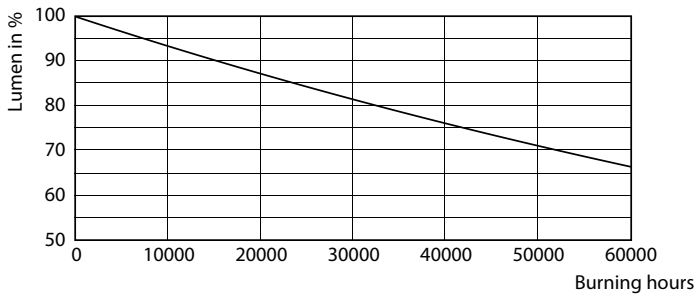


General uniform lighting - 54GC/LED/840 EX39 BB 6/1

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 54GC/LED/840 EX39 BB 6/1

