

# LED Glass HID lamps

## 54GC/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

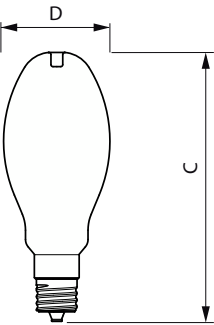
General Information			
Cap-Base	EX39 [Exclusionary Mogul Screw]	Power Consumption	54 W
Nominal lifetime	50,000 hour(s)	Lamp Current (Max)	620 A
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277 V
		UL Type	HIB_UL Type B (UL Listed+Classified)
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	T-Case Maximum (Nom)	46.3 °C
Beam Angle (Nom)	300 degree(s)		
Luminous Flux	9,000 lm	Controls and Dimming	
Color Designation	White (WH)	Dimmable	Only with specific dimmers
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	166 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Clear
Color rendering index (CRI)	80	Bulb Shape	ED32
LLMF At End Of Nominal Lifetime (Nom)	70 %	Net Weight (Piece)	0.290 kg
Photobiological safety according to EN 62471	RG1		
Operating and Electrical			
Input Frequency	50 to 60 Hz		

LED Glass HID lamps

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/830 EX39 BB 6/1

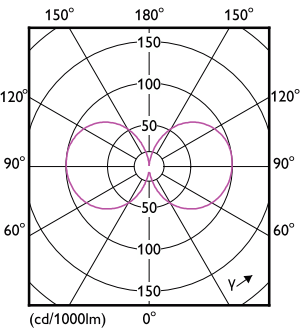
Full product name	54GC/LED/830 EX39 BB 6/1
Order code	929003773604
Material Nr. (12NC)	929003773604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588250
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588255

Dimensional drawing

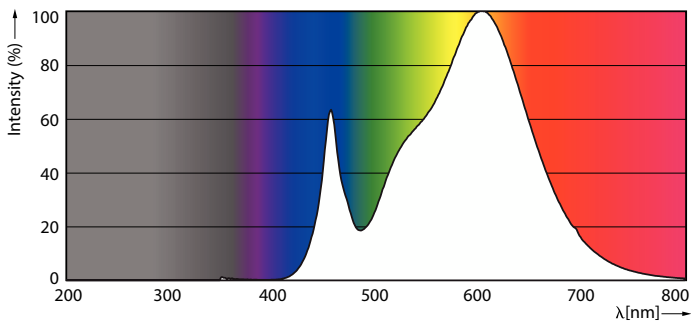


Product	D	C
54GC/LED/830 EX39 BB 6/1	103.5 mm	243 mm

Photometric data



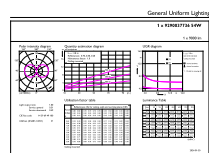
Light Distribution Diagram - 54GC/LED/830 EX39 BB 6/1



Spectral Power Distribution Colour - 54GC/LED/830 EX39 BB 6/1

# LED Glass HID lamps

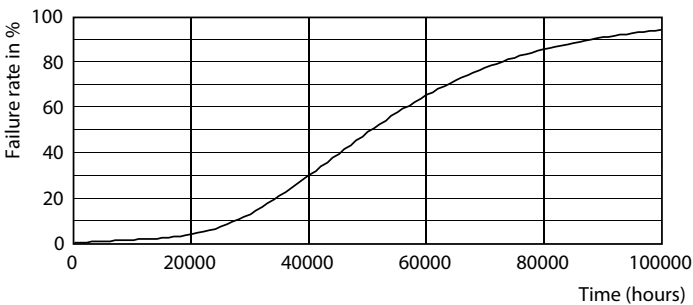
## Photometric data



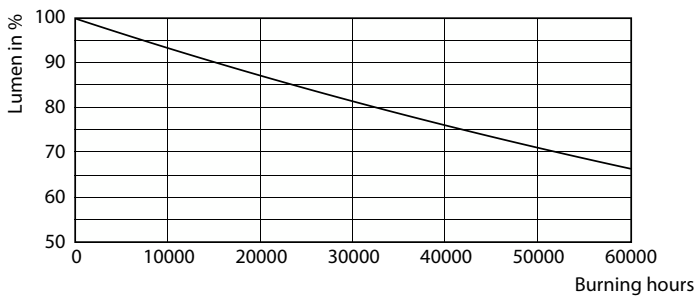
General Uniform Lighting 1 x 54GC/LED/830 EX39 BB 6/1

### General uniform lighting - 54GC/LED/830 EX39 BB 6/1

## Lifetime



### Life Expectancy Diagram



### Lumen Maintenance Diagram - 54GC/LED/830 EX39 BB 6/1

