



# LED Glass HID lamps

## 45GC/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

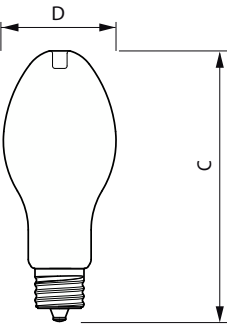
<b>General Information</b>		<b>Power Consumption</b>	
Cap-Base	EX39 [Exclusionary Mogul Screw]	45 W	
Nominal lifetime	50,000 hour(s)	<b>Lamp Current (Max)</b>	
Switching Cycle	50,000	600 A	
Lighting Technology	LED	<b>Starting Time (Nom)</b>	
<b>Light Technical</b>		0.5 s	
Color Code	830 [CCT of 3000K]	<b>Warm-up time to 60% light</b>	
Beam Angle (Nom)	300 degree(s)	0.5 s	
Luminous Flux	6,800 lm	<b>Power Factor (Fraction)</b>	
Color Designation	White (WH)	0.9	
Correlated Color Temperature (Nom)	3000 K	<b>Voltage (Nom)</b>	
Luminous Efficacy (rated) (Nom)	151 lm/W	120-277 V	
Color Consistency	<6	<b>UL Type</b>	
Color rendering index (CRI)	80	HIB_UL Type B (UL Listed+Classified)	
LLMF At End Of Nominal Lifetime (Nom)	70 %	<b>Temperature</b>	
Photobiological safety according to EN 62471	RG1	<b>T-Case Maximum (Nom)</b>	
<b>Operating and Electrical</b>		56.15 °C	
<b>Input Frequency</b>		<b>Controls and Dimming</b>	
50 to 60 Hz		<b>Dimmable</b>	
		Only with specific dimmers	
		<b>Mechanical and Housing</b>	
		<b>Bulb Finish</b>	
		Clear	
		<b>Bulb Shape</b>	
		ED28	
		<b>Net Weight (Piece)</b>	
		0.260 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	45GC/LED/830 EX39 BB 6/1

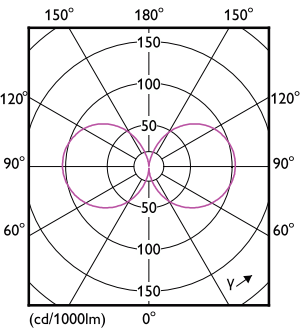
Full product name	45GC/LED/830 EX39 BB 6/1
Order code	929003773304
Material Nr. (12NC)	929003773304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588229
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588224

Dimensional drawing

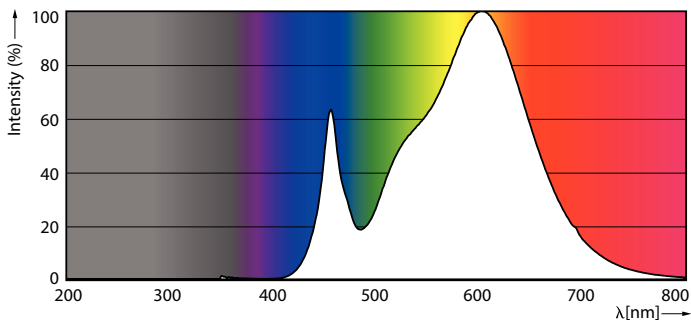


Product	D	C
45GC/LED/830 EX39 BB 6/1	91.5 mm	242 mm

Photometric data



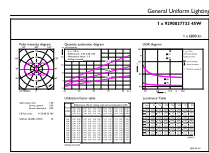
Light Distribution Diagram - 45GC/LED/830 EX39 BB 6/1



Spectral Power Distribution Colour - 45GC/LED/830 EX39 BB 6/1

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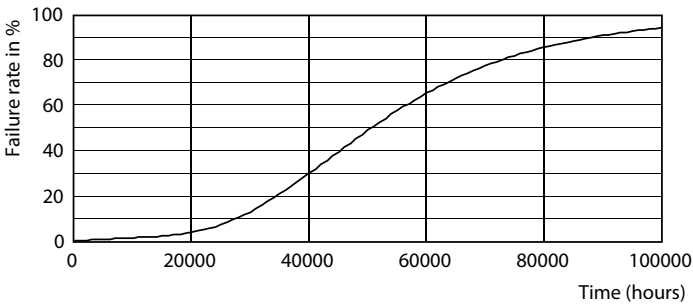
## Photometric data



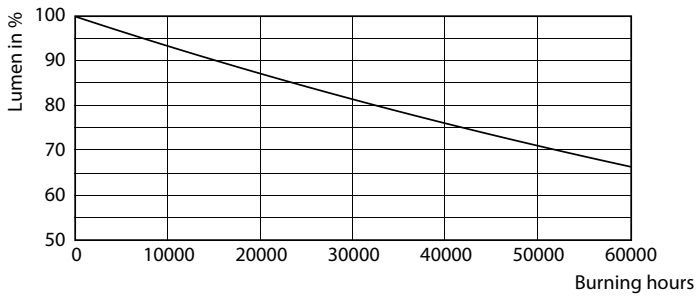
General Uniform Lighting 1 x 45GC/LED/830 EX39 BB 6/1

### General uniform lighting - 45GC/LED/830 EX39 BB 6/1

## Lifetime



### Life Expectancy Diagram



### Lumen Maintenance Diagram - 45GC/LED/830 EX39 BB 6/1

