

LED Glass HID lamps

54GC/LED/850 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		Power Consumption	
Cap-Base	EX39 [Exclusionary Mogul Screw]	Lamp Current (Max)	620 A
Nominal lifetime	50,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.9
Light Technical		Voltage (Nom)	120-277 V
Color Code	850 [CCT of 5000K]	UL Type	HIB_UL Type B (UL Listed+Classified)
Beam Angle (Nom)	300 degree(s)	Temperature	
Luminous Flux	10,000 lm	T-Case Maximum (Nom)	46.3 °C
Color Designation	Daylight	Controls and Dimming	
Correlated Color Temperature (Nom)	5000 K	Dimmable	Only with specific dimmers
Luminous Efficacy (rated) (Nom)	185 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	

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Approval and Application

Approval Marks	DLC compliance
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

Application Conditions

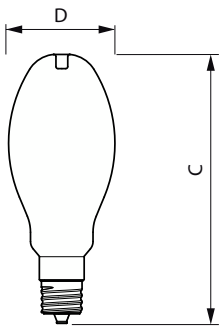
can it be used in closed luminaires	Yes
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Product Data

Order product name	54GC/LED/850 EX39 BB 6/1
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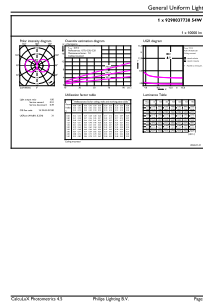
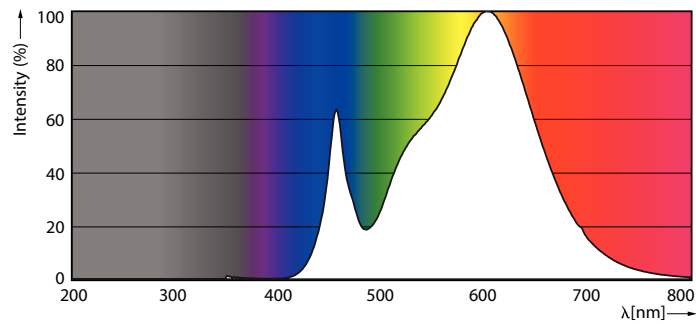
Full product name	54GC/LED/850 EX39 BB 6/1
Order code	929003773804
Material Nr. (12NC)	929003773804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588274
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588279

Dimensional drawing



Product	D	C
54GC/LED/850 EX39 BB 6/1	103.5 mm	243 mm

Photometric data

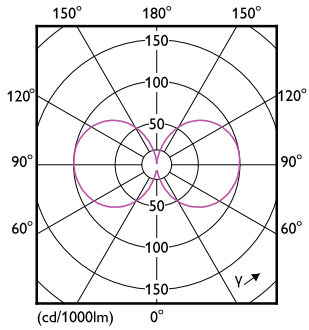


Spectral Power Distribution Colour - 54GC/LED/850 EX39 BB 6/1

General uniform lighting - 54GC/LED/850 EX39 BB 6/1

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Photometric data



Light Distribution Diagram - 54GC/LED/850 EX39 BB 6/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 54GC/LED/850 EX39 BB 6/1

