



# LED Glass HID lamps

## 45GC/LED/840 EX39 BB 6/1

LED HPL, Oval Glass, Mains only, 45 W, MH 175W, HPS 100W, EX39, 4000 K, 7500 lm, 50000 hour(s)

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
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED HPL
Warranty period	3 years
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	7,500 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	166 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	45 W
Lamp Current (Max)	600 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)
Wattage Equivalent (LED HID only)	MH 175W, HPS 100W
Ballast Compatibility	Mains only

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## Temperature

T-Case Maximum (Nom)	56.15 °C
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## Controls and Dimming

Dimmable	Only with specific dimmers
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## Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Oval Glass
Net Weight (Piece)	0.260 kg

## Approval and Application

Energy Saving Product	Yes
Approval Marks	DLC compliance
Energy Consumption kWh/1000 h	45 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

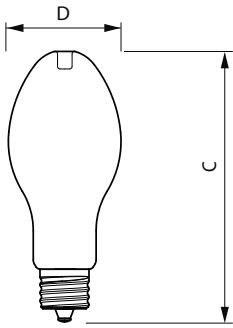
## Application Conditions

can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

## Product Data

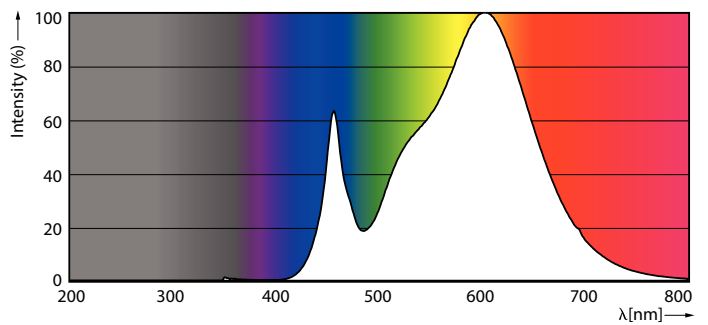
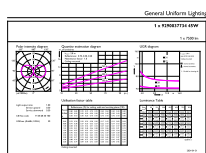
Order product name	45GC/LED/840 EX39 BB 6/1
Full product name	45GC/LED/840 EX39 BB 6/1
Order code	929003773404
Material Nr. (12NC)	929003773404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588236
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588231

## Dimensional drawing



Product	D	C
45GC/LED/840 EX39 BB 6/1	91.5 mm	242 mm

## Photometric data

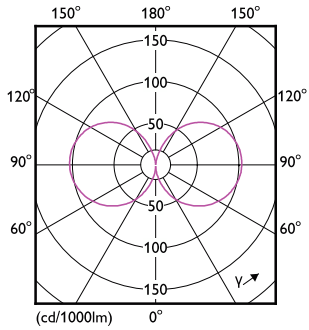


General uniform lighting - 45GC/LED/840 EX39 BB 6/1

Spectral Power Distribution Colour - 45GC/LED/840 EX39 BB 6/1

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## Photometric data



Light Distribution Diagram - 45GC/LED/840 EX39 BB 6/1

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 45GC/LED/840 EX39 BB 6/1

