



LED Glass HID lamps

45GC/MAS/830 EX39 BB 6/1

LED HPL, Oval Glass, Mains only, 45 W, MH 100W,HPS 100W, EX39, 3000 K, 6800 lm, 50000 hour(s)

LED HPL, Oval Glass, Mains only, 45 W, EX39, 3000 K, 6800 lm, 50000 hour(s), 151 lm/W, RG1

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	830 [CCT of 3000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	6,800 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	151 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

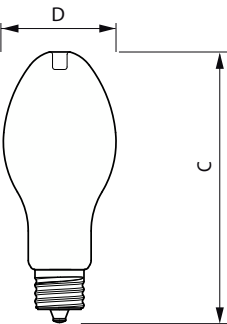
Power Consumption	45 W
Lamp Current (Max)	600 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Wattage Equivalent (LED HID only)	MH 100W,HPS 100W
Ballast Compatibility	Mains only
Temperature	
T-Case Maximum (Nom)	133 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Oval Glass
Net Weight (Piece)	0.573 lb

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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	-4 to +113 °F
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

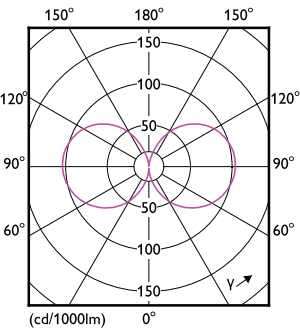
Product Data	
Order product name	45GC/MAS/830 EX39 BB 6/1
Full product name	45GC/MAS/830 EX39 BB 6/1
Order code	588228
Material Nr. (12NC)	929003773304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588229
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588224

Dimensional drawing

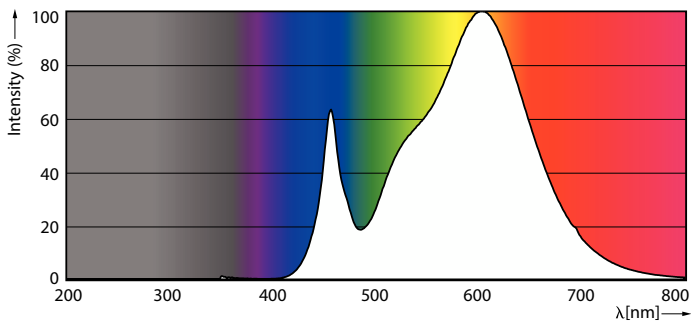


Product	D	C
45GC/MAS/830 EX39 BB 6/1	3-5/8 inch	9-9/16 inch

Photometric data



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



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

