

PHILIPS

Lighting



Switch Start Metal Halide Protected

MH 100W/640 E26 CL 1CT/3

An efficient, protected "O" rated lighting solution that is suitable for open-rated fixtures. Ideal for both indoor and outdoor applications.

Product data

General Information		Operating and Electrical	
Base	E26 [Single Contact Medium Screw]	Power (Rated) (Max)	- W
Operating Position	Base Up [Base Up]	Power (Rated) (Min)	- W
Life to 5% Failures (Nom)	2000 h	Power (Rated) (Nom)	100.0 W
Life to 50% Failures (Nom)	15000 h	Lamp Current Run-Up (Max)	1.5 A
System Description	na [-]	Lamp Current (EM) (Nom)	1.1 A
Light Technical		Ignition Supply Voltage (Max)	198 V
Color Code	640 [CCT of 4000K]	Ignition Supply Voltage (Min)	198 V
Luminous Flux (Rated) (Min)	7200 lm	Voltage (Max)	110 V
Luminous Flux (Rated) (Nom)	9000 lm	Voltage (Min)	90 V
Color Designation	Cool White (CW)	Voltage (Nom)	100 V
Lumen Maintenance 10000 h (Nom)	55 %	Controls and Dimming	
Lumen Maintenance 2000 h (Nom)	70 %	Dimmable	No
Lumen Maintenance 5000 h (Nom)	62 %	Mechanical and Housing	
Chromaticity Coordinate X (Nom)	385	Bulb Finish	Clear (CL)
Chromaticity Coordinate Y (Nom)	390	Approval and Application	
Correlated Color Temperature (Nom)	4000 K	Mercury (Hg) Content (Nom)	10.2 mg
Luminous Efficacy (rated) (Nom)	90 lm/W	Energy Consumption kWh/1000 h	110 kWh
Color Rendering Index (Nom)	65		

Switch Start Metal Halide Protected

Luminaire Design Requirements	
Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	250 °C

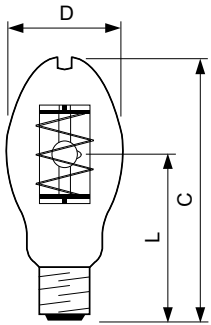
Product Data	
Order product name	MH 100W/640 E26 CL
EAN/UPC - Product	046677460785

Order code	460782
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	928485900194
Net Weight (Piece)	96.600 g

Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Dimensional drawing



MH 100W E26 ED17 CL

Product	D (max)	L (min)	C (max)
MH 100W/640 E26 CL	56 mm	83 mm	138 mm

