

PHILIPS

Lighting



Switch Start Metal Halide Protected

MP175/BU 12PK

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	
Base	EX39 [Exclusionary Mogul Screw]
Operating Position	Base Up +/- 15 D [Base Up +/- 15 D]
Main Application	General Lighting (G)
Life to 50% Failures (Nom)	10000 h
ANSI Code HID	M57/O

Light Technical	
Color Code	640 [CCT of 4000K]
Luminous Flux (Rated) (Min)	13500 lm
Luminous Flux (Rated) (Nom)	14000 lm
Color Designation	Cool White (CW)
Design Mean Lumens	9100 lm
Chromaticity Coordinate X (Nom)	385
Chromaticity Coordinate Y (Nom)	390
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Min)	77 lm/W
Luminous Efficacy (rated) (Nom)	80 lm/W
Color Rendering Index (Nom)	65

Operating and Electrical	
Lamp Current (Nom)	1.5 A

Ignition and Voltage	
Ignition Supply Voltage (Min)	350 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	120 s
Voltage (Max)	147 V
Voltage (Min)	117 V
Voltage (Nom)	132 V

Mechanical and Housing	
Bulb Finish	Clear (CL)
Cap-Base Information	Nic/Brass
Bulb Material	Hard Glass

Approval and Application	
Energy Saving Product	Not Applicable
Picogram Per Lumen Hour	269.7 pg/lm.h
Mercury (Hg) Content (Max)	27 mg

UV	
Pet (Niosh) (Nom)	1103 h/500lx
Damage Factor D/fc (Nom)	0.23

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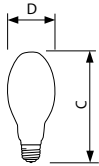
Luminaire Design Requirements		Order code	
Bulb Temperature (Max)	450 °C	281196	
Cap-Base Temperature (Max)	210 °C	Numerator - Quantity Per Pack	1
Product Data		Numerator - Packs per outer box	12
Order product name	MP175/BU 12PK	Material Nr. (12NC)	928601161803
EAN/UPC - Product	046677281199	Net Weight (Piece)	0.001 kg

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

Product	D	C (max)
MP175/BU 12PK	3.5 in	8.313 in



MP 175W/640 EX39 ED28 CL BU

