Switch Start Metal Halide Standard

MH1000/U/BT37 6PK

High performance, Long life and Superior light qualityA compact, energy efficient metal halide lamp that provides crisp, sparkling light wih long life and high efficiency.

Product data

General Information	
Cap-Base	E39 [Single Contact Mogul Screw]
Bulb Shape	BT37 [BT37]
Operating Position	Universal [Universal]
Main Application	General Lighting (G)
Life To 50% Failures (Nom)	12000 h
ANSI Code HID	M47/E
Footnotes HID 1	Electrically insulated support for bulb may be required, especially in horizontal and nearly horizontal operating positions. (359)
Footnotes HID 2	Requires a ballast specified or approved for Philips metal halide lamps, or one that is designed to operate all popular brands of metal halide lamps. 1000W types will operate from H36 conventional lag type ballast for Mercury Vapor lamps at ambient temperatures of 50 degrees F or higher. 1000W types must not be operated at 1500W. (377)
Footnotes HID 3	Rated life: Vertical +/- 15 degrees. Other positions 75% of vertical life. (385)
Footnotes HID 4	Vertical lumens. Horizontal lumens 6%–10% lower. (393)

Light Technical	
Color Code	640 [CCT of 4000K]
Luminous Flux (Rated) (Nom)	110000 lm
Color Designation	Cool White (CW)
Lumen Maintenance - 40% Life	65 %
Design Mean Lumens	71500 lm
Chromaticity Coordinate X (Nom)	0.385
Chromaticity Coordinate Y (Nom)	0.390
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color Rendering Index (Nom)	65

Operating and Electrical	
Lamp Current (Nom)	4.1 A
Ignition Supply Voltage (Min)	440 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	120 s
Voltage (Nom)	263 V

Mechanical and Housing	
Bulb Finish	Clear (CL)

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Cap-Base Information	Nic/Brass
Bulb Material	Hard Glass

Approval and Application

Energy Saving Product	Not Applicable
Picogram Per Lumen Hour	176 pg/lm.h
Mercury (Hg) Content (Nom)	151.0 mg

UV

Pet (Niosh) (Nom)	164 h/500lx
Damage Factor D/fc (Nom)	0.53

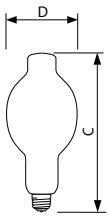
Luminaire Design Requirements

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

Product Data

Order product name	MH1000/U/BT37 6PK
EAN/UPC - Product	046677321505
Order code	321505
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	928601179701
Net Weight (Piece)	0.001 kg

Dimensional drawing



MH R 1000W/640 E39 BT37 CL U

Product	D	C
MH1000/U/BT37 6PK	4.6 in	11.5 in

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