



# Switch Start Metal Halide Standard

## MH175/U UPC 3PK

High performance, Long life and Superior light quality; A compact, energy efficient metal halide lamp that provides crisp, sparkling light with long life and high efficiency.

### 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](http://www.lamprecycle.org) or 1-800-555-0050

### Product data

General information	
Base	E39 [ Single Contact Mogul Screw]
Operating Position	Universal [ Universal]
Main Application	General and Street Lighting
Life to 50% Failures (Nom)	10000 h
ANSI Code HID	M57/E
Footnotes HID 1	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 2	Rated life: Vertical +/- 15 degrees. Other positions 75% of vertical life. (385)
Footnotes HID 3	Vertical lumens. Horizontal lumens 6%–10% lower. (393)
Light technical	
Color Code	640 [ CCT of 4000K]
Luminous Flux (Rated) (Min)	12250 lm
Luminous Flux (Rated) (Nom)	14700 lm
Color Designation	Cool White (CW)

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Lumen Maintenance - 40% Life	68 %
Lumen Maintenance - 10% Life	90 %
Design Mean Lumens	8775 lm
Chromaticity Coordinate X (Nom)	0.375
Chromaticity Coordinate Y (Nom)	0.400
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Min)	70 lm/W
Luminous Efficacy (rated) (Nom)	84 lm/W
Color Rendering Index (Nom)	65

### Operating and electrical

Lamp Current (Nom)	1.5 A
Ignition Supply Voltage (Min)	350 V
Re-Ignition Time (Min) (Max)	8 min
Ignition Time (Max)	120 s
Voltage (Max)	147 V
Voltage (Min)	117 V
Voltage (Nom)	132 V

### Mechanical and housing

Bulb Finish	Clear
Cap-Base Information	Brass [ Brass Cap]
Bulb Material	Hard Glass
Bulb Shape	ED28 [ ED28]

### Approval and application

Energy Saving Product	Not Applicable
Picogram Per Lumen Hour	255.1 pg/lm.h
Mercury (Hg) Content (Nom)	28 mg

### UV

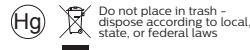
Pet (Niosh) (Nom)	192.3 h/500lx
Damage Factor D/fc (Nom)	0.420

### Luminaire design requirements

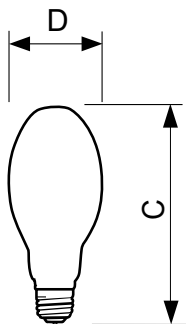
Bulb Temperature (Max)	752 °F
Cap-Base Temperature (Max)	410 °F

### Product data

Order product name	MH175/U UPC 3PK
EAN/UPC - Product	046677253592
Order code	140855
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	928601150312
Copy Net Weight (Piece)	0.002 lb



## Dimensional drawing



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Product	D	C (max)
MH175/U UPC 3PK	3.5 in	8.313 in

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