

Switch Start Metal Halide Standard

MH400/U 6PK

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 or 1-800-555-0050

Product data

| General information | |
|----------------------------|--|
| Base | E39 [Single Contact Mogul Screw] |
| Operating Position | Universal [Universal] |
| Main Application | General Lighting (G) |
| Life to 50% Failures (Nom) | 20000 h |
| ANSI Code HID | M59/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) | 34000 lm |
| Luminous Flux (Rated) (Nom) | 39000 lm |
| Color Designation | Cool White (CW) |

Switch Start Metal Halide Standard

| | |
|------------------------------------|----------|
| Lumen Maintenance - 40% Life | 65 % |
| Design Mean Lumens | 25350 lm |
| Chromaticity Coordinate X (Nom) | 0.385 |
| Chromaticity Coordinate Y (Nom) | 0.395 |
| Correlated Color Temperature (Nom) | 3900 K |
| Luminous Efficacy (Rated) (Min) | 85 lm/W |
| Luminous Efficacy (rated) (Nom) | 98 lm/W |
| Color Rendering Index (Nom) | 65 |

Operating and electrical

| | |
|-------------------------------|--------|
| Power (Rated) (Nom) | 400 W |
| Lamp Current (Nom) | 3.25 A |
| Ignition Supply Voltage (Min) | 350 V |
| Re-Ignition Time (Min) (Max) | 12 min |
| Ignition Time (Max) | 120 s |
| Voltage (Max) | 150 V |
| Voltage (Min) | 120 V |
| Voltage (Nom) | 135 V |

Mechanical and housing

| | |
|----------------------|--------------------|
| Bulb Finish | Clear |
| Cap-Base Information | Brass [Brass Cap] |
| Bulb Material | Hard Glass |
| Bulb Shape | ED37 [ED37] |

Approval and application

| | |
|-----------------------|----------------|
| Energy Saving Product | Not Applicable |
|-----------------------|----------------|

| | |
|----------------------------|---------------|
| Picogram Per Lumen Hour | 102.6 pg/lm.h |
| Mercury (Hg) Content (Nom) | 38 mg |

UV

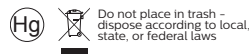
| | |
|--------------------------|-------------|
| Pet (Niosh) (Nom) | 204 h/500lx |
| Damage Factor D/fc (Nom) | 0.51 |

Luminaire design requirements

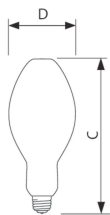
| | |
|--------------------------------|--------|
| Bulb Temperature (Max) | 752 °F |
| Cap-Base Temperature (Max) | 410 °F |
| Cap-Base Temperature (Max)-DUP | 410 °F |

Product data

| | |
|---------------------------------|--------------|
| Order product name | MH400/U 6PK |
| EAN/UPC - Product | 046677274498 |
| Order code | 274498 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 928601172301 |
| Net Weight (Piece) | 0.002 lb |



Dimensional drawing



MH400/U 6PK

| Product | D | C (max) |
|-------------|----------|---------|
| MH400/U 6PK | 4.625 in | 11.5 in |

Switch Start Metal Halide Standard

