



Switch Start Metal Halide Standard

Switch Start MH Std 1500W Mog BT56 CL

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.

Product data

• General Characteristics

| | |
|--------------------------------|----------------------------------|
| Base | Mogul [Mogul] |
| Base Information | Brass [Brass Base] |
| Bulb | BT56 |
| Bulb Material | Hard Glass |
| Bulb Finish | Clear |
| Operating Position | Universal [Any or Universal (U)] |
| Main Application | General and Street Lighting |
| RatedAvgLife(See Family Notes) | 3000 hr |
| Energy Saving | Not Applicable |

• Light Technical Characteristics

| | |
|-----------------------------|--------------------|
| Color Code | 635 [CCT of 3500K] |
| Color Rendering Index | 60 Ra8 |
| Color Designation | White |
| Color Temperature | 3700 K |
| Color Temperature technical | 3600 K |
| Chromaticity Coordinate X | 398 - |
| Chromaticity Coordinate Y | 397 - |
| Initial Lumens | 155000 Lm |
| Luminous Efficacy Lamp | 103 Lm/W |
| Design Mean Lumens | 124000 Lm |

• Electrical Characteristics

| | |
|---------------|-------------|
| Watts | 1500 W |
| Lamp Voltage | 268 V |
| Lamp Current | 6.2 A |
| Ignition Time | 120 (max) s |

| | |
|------------------------|--------------|
| Re-ignition Time [min] | 15 (max) min |
|------------------------|--------------|

• Environmental Characteristics

| | |
|----------------------|----------------|
| Mercury (Hg) Content | 203.9 (max) mg |
|----------------------|----------------|

• Luminaire Design Requirements

| | |
|----------------------|-------------|
| Cap-Base Temperature | 210 (max) C |
| Bulb Temperature | 430 (max) C |

• Product Dimensions

| | |
|------------------------------|-----------------|
| Light Center Length L | 9.5 in |
| Max Overall Length (MOL) - C | 15.375 (max) in |
| Diameter D | 7 in |

• Footnotes

| | |
|---------------|--|
| Footnotes HID | 359 [Electrically insulated support for bulb may be required, especially in horizontal and nearly horizontal operating positions. (359)] |
| Footnotes HID | 374 [Performance may not be satisfactory unless operated within specified operating positions. (374)] |
| Footnotes HID | 375 [If specified operating position is base up or base down to horizontal, this permits 15 degrees beyond the horizontal. (375)] |
| Footnotes HID | 377 [Requires a ballast specified or approved for Philips metal halide |

PHILIPS

sense and simplicity

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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

402 [Primarily used for sports-lighting applications. Life, initial and mean lumens are for horizontal operation. In vertical position and at 10 or more hours per start, life is extended to

6000 hours, initial lumens are 170,000 and mean lumens are 136,000. (402)]

Product Data

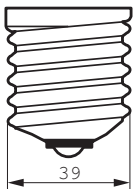
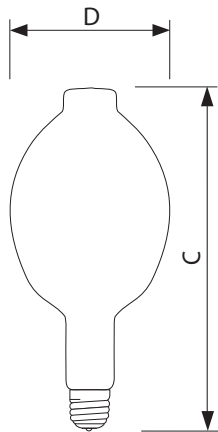
| | |
|--------------------|---------------------------------------|
| Product number | 131623 |
| Full product name | Switch Start MH Std 1500W Mog BT56 CL |
| Short product name | SS MH Std 1500W Mog BT56 CL |
| Pieces per Sku | 1 |
| eop_pck_cfg | 6 |
| Skus/Case | 6 |
| Bar code on pack | 46677131623 |
| Bar code on case | 50046677131628 |
| Logistics code(s) | 928601119402 |
| eop_net_weight_pp | 0.292 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)

Dimensional drawing

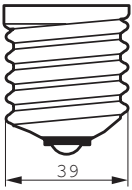


E39

E39/E40/41, BT-56

| Product | C (Max) | D (Norm) |
|---------------------------|---------|----------|
| MH R 1500W/635 E39 BT56 U | 15.375 | 7 |

Dimensional drawing



E39



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2012, August 4
data subject to change