



Pulse Start Metal Halide Standard

MS400/BU/ED28/PS 12PK

Philips Pulse Start Metal Halide Lamps offer an optimized metal halide system for greater efficiency and lumen maintenance.

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 | | Correlated Color Temperature (Nom) | |
|---------------------------------|--------------------------------------|------------------------------------|----------|
| Base | E39 [Single Contact Mogul Screw] | Correlated Color Temperature (Nom) | 4000 K |
| Operating Position | Base Up +/- 15 D [Base Up +/- 15 D] | Luminous Efficacy (Rated) (Min) | 105 lm/W |
| Main Application | General Lighting (G) | Luminous Efficacy (rated) (Nom) | 110 lm/W |
| Life to 50% Failures (Nom) | 20000 h | Color Rendering Index (Nom) | 68 |
| ANSI Code HID | M155/M135/E | Operating and Electrical | |
| System Description | Pulse Start | Lamp Current (Nom) | 3.2 A |
| | | Ignition Supply Voltage (Min) | 254 V |
| | | Re-Ignition Time (Min) (Max) | 6 min |
| | | Voltage (Max) | 150 V |
| | | Voltage (Min) | 120 V |
| | | Voltage (Nom) | 135 V |
| Light Technical | | Mechanical and Housing | |
| Color Code | 640 [CCT of 4000K] | Bulb Finish | Clear |
| Luminous Flux (Rated) (Min) | 42000 lm | | |
| Luminous Flux (Rated) (Nom) | 44000 lm | | |
| Color Designation | Cool White (CW) | | |
| Chromaticity Coordinate X (Nom) | 385 | | |
| Chromaticity Coordinate Y (Nom) | 390 | | |

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|----------------------|--------------|
| Cap-Base Information | Nic/Brass |
| Bulb Material | Hard Glass |
| Bulb Shape | ED28 [ED28] |

Approval and Application

| | |
|----------------------------|-------|
| Mercury (Hg) Content (Nom) | 50 mg |
|----------------------------|-------|

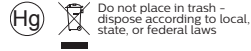
Luminaire Design Requirements

| | |
|----------------------------|--------|
| Bulb Temperature (Max) | 450 °C |
| Cap-Base Temperature (Max) | 230 °C |

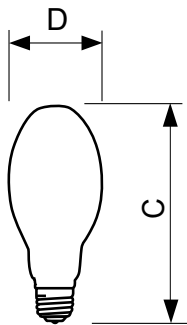
Product Data

| | |
|--------------------|---|
| Order product name | Pulse Start MH Std 400W/640 CW Mog ED28 1SL |
|--------------------|---|

| | |
|---------------------------------|--------------|
| EAN/UPC - Product | 046677232528 |
| Order code | 232520 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 928601165501 |
| Net Weight (Piece) | 0.001 kg |



Dimensional drawing



Pulse Start MH Std 400W/640 CW Mog ED28 1SL

| Product | D | C (max) |
|---|--------|---------|
| Pulse Start MH Std 400W/640 CW Mog ED28 1SL | 3.5 in | 8.3 in |

