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

### Product Data

#### General Characteristics
- **System Description**: Pulse Start
- **Base**: Mogul (Mogul)
- **Base Information**: Nic/Brass (Nickel/Brass Base)
- **Bulb**: ED28
- **Bulb Material**: Hard Glass
- **Bulb Finish**: Clear
- **Operating Position**: Base Up +/-15D [Hanging +/-15D or Base Up (BU)]
- **Main Application**: General Lighting
- **Rated Avg Life (See Family Notes)**: 15000 hr

#### Light Technical Characteristics
- **Color Code**: 645 [CCT of 4500K]
- **Color Rendering Index**: 65 Ra8
- **Color Designation**: Cool White
- **Color Temperature**: 4300 K
- **Chromaticity Coordinate X**: 374 -
- **Chromaticity Coordinate Y**: 392 -
- **Initial Lumens**: 23750 Lm
- **Luminous Efficacy**: 95 Lm/W
- **Lamp**: Design Mean Lumens 16625 Lm

#### Electrical Characteristics
- **Watts**: 250 W
- **Lamp Voltage**: 133 V
- **Lamp Current**: 2.4 A
- **Ignition Time**: 120 (max) s

#### Environmental Characteristics
- **Mercury (Hg) Content**: 32.6 (max) mg

#### UV-related Characteristics
- **Damage Factor D/fc**: 0.49 -
- **PET (NIOSH)**: 80.8 h500lx

#### Luminaire Design Requirements
- **Cap-Base Temperature**: 210 (max) C
- **Bulb Temperature**: 400 (max) C

#### Product Dimensions
- **Light Center Length L**: 5 in
- **Max Overall Length (MOL) - C**: 8.313 (max) in
- **Diameter D**: 3.5 in

#### Product Data
- **Product number**: 276618
- **Full product name**: Pulse Start MH Std 250W/645 Mog ED28 CL
- **Short product name**: PS MH Std 250W/645 Mog ED28 CL
- **Pieces per Sku**: 1
- **eop_pck_cfg**: 12
- **Skus/Case**: 12
- **Bar code on pack**: 46677276614
Warnings and Safety

- 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

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<thead>
<tr>
<th>Product</th>
<th>C (Max)</th>
<th>D (Norm)</th>
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<tbody>
<tr>
<td>MH PS 250W/665 E39 ED28 BU</td>
<td>8.313</td>
<td>3.5</td>
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