Sodium Scandium Metal Halide Lamps consisting of a gasfilled glass bulb, which alternatively are clear or internal coated, and a quartz discharge tube (DT).

### Product data

#### General Information
- **Cap-Base**: E40 [E40]
- **Operating Position**: H [Hanging or Base Up (BU)]
- **Life to 50% Failures (Nom)**: 20000 h
- **System Description**: -

#### 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)
- **Lumen Maintenance 2000 h (Nom)**: 85 %
- **Chromaticity Coordinate X (Nom)**: 390
- **Chromaticity Coordinate Y (Nom)**: 400
- **Correlated Color Temperature (Nom)**: 3900 K
- **Luminous Efficacy (rated) (Nom)**: 97.5 lm/W
- **Color Rendering Index (Nom)**: 60

#### Operating and Electrical
- **Power (Rated) (Max)**: 440.0 W
- **Power (Rated) (Min)**: - W
- **Power (Nom)**: 400.0 W
- **Lamp Current Run-Up (Max)**: 5 A
- **Lamp Current (EM) (Nom)**: 3.25 A
- **Ignition Supply Voltage (Max)**: 198 V
- **Ignition Supply Voltage (Min)**: 198 V
- **Ignition Time (Max)**: 120 s
- **Voltage (Max)**: 150 V
- **Voltage (Min)**: 120 V
- **Voltage (Nom)**: 135 V

#### Controls and Dimming
- **Dimmable**: No

#### Mechanical and Housing
- **Bulb Finish**: Clear

#### Approval and Application
- **Energy Efficiency Label (EEL)**: A+
- **Mercury (Hg) Content (Nom)**: 38 mg
- **Energy Consumption kWh/1000 h**: 440 kWh

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

#### Product Data
- **Full product code**: 87150019939310
- **Order product name**: MH 400W/640 E40 CL U 1SL/6
- **EAN/UPC - Product**: 8715001993933
MH-NaSc

**Order code**: 928480400097

**Numerator - Quantity Per Pack**: 1

**Numerator - Packs per outer box**: 6

**Material Nr. (12NC)**: 928480400097

**Net Weight (Piece)**: 0.259 kg

**Dimensional drawing**

<table>
<thead>
<tr>
<th>Product</th>
<th>D (max)</th>
<th>L (min)</th>
<th>C (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH 400W/640 E40 CL U 1SL/6</td>
<td>121 mm</td>
<td>184 mm</td>
<td>290 mm</td>
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</tbody>
</table>

**Lifetime**

**Burning hours**

<table>
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<tr>
<th>Burning hours</th>
<th>Survival in %</th>
<th>Lumen in %</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>5000</td>
<td>50</td>
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<td>10</td>
<td>10</td>
</tr>
<tr>
<td>20000</td>
<td>0</td>
<td>0</td>
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</table>

**LDLE_HPI_250W_400W-Life expectancy diagram**

**LDLM_MH_0008-Lumen maintenance diagram**

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