# HPL-N

## HPL-N 80W/542 E27 1CT/24

Standard High Pressure Mercury lamp

### Warnings and Safety

- For use with control gear designed for high-pressure mercury lamps
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

### Product data

#### General Information

<table>
<thead>
<tr>
<th>Cap-Base</th>
<th>E27 [ E27]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Position</td>
<td>UNIVERSAL [ Any or Universal (U)]</td>
</tr>
<tr>
<td>Life to 5% Failures (Nom)</td>
<td>6000 h</td>
</tr>
<tr>
<td>Life to 20% Failures (Nom)</td>
<td>12000 h</td>
</tr>
<tr>
<td>Life to 50% Failures (Nom)</td>
<td>20000 h</td>
</tr>
</tbody>
</table>

#### Light Technical

<table>
<thead>
<tr>
<th>Color Code</th>
<th>542 [ CCT of 4200K]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminous Flux (Rated) (Nom)</td>
<td>3600 lm</td>
</tr>
<tr>
<td>Color Designation</td>
<td>Cool White (CW)</td>
</tr>
<tr>
<td>Lumen Maintenance 2000 h (Min)</td>
<td>82 %</td>
</tr>
<tr>
<td>Lumen Maintenance 2000 h (Nom)</td>
<td>92 %</td>
</tr>
</tbody>
</table>

#### Operating and Electrical

<table>
<thead>
<tr>
<th>Power (Nom)</th>
<th>80.0 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp Current (EM) (Nom)</td>
<td>0.8 A</td>
</tr>
<tr>
<td>Ignition Supply Voltage (Max)</td>
<td>170 V</td>
</tr>
<tr>
<td>Voltage (Max)</td>
<td>125 V</td>
</tr>
</tbody>
</table>
HPL-N

Voltage (Min) 105 V
Voltage (Nom) 115 V

Controls and Dimming
Dimmable No

Mechanical and Housing
Bulb Finish Coated glass
Bulb Material Soft Glass

Approval and Application
Energy Efficiency Label (EEL) B
Mercury (Hg) Content (Nom) 14.0 mg
Energy Consumption kWh/1000 h 88 kWh

Luminaire Design Requirements
Bulb Temperature (Max) 350 °C

Cap-Base Temperature (Max) 200 °C

Product Data
Full product code 692059027777100
Order product name HPL-N 80W/542 E27 1CT/24
EAN/UPC - Product 6920590277771
Order code 928051007391
Numerator - Quantity Per Pack 1
Numerator - Packs per outer box 24
Material Nr. (12NC) 928051007391
Net Weight (Piece) 59 000 g
ILCOS Code QE-80/43/3-H-E27

Dimensional drawing

HPL N 80W E27 SG

Product D (max) C (max)
HPL-N 80W/542 E27 1CT/24 71 mm 155 mm

Photometric data

LDPO_HPL_N-Spectral power distribution Colour
**Lifetime**

- **Survivals in %**
- **Lumen in %**

**Burning hours**

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**LDLE_HPL_0001-Life expectancy diagram**

**LDLM_HPL_0001-Lumen maintenance diagram**