



MH-Sc

MH 250W /640 U E40 CL SLV/12

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.) | 10000 h |
| System description | na [-] |
| Light Technical | |
| Colour Code | 640 [CCT of 4,000 K] |
| Luminous flux (rated) (min.) | 17450 lm |
| Luminous flux (rated) (nom.) | 20500 lm |
| Colour designation | Cool White (CW) |
| Lumen maintenance 2,000 hours (nom.) | 80 % |
| Chromaticity coordinate X (nom.) | 390 |
| Chromaticity coordinate Y (nom.) | 390 |
| Correlated Colour Temperature (Nom) | 4000 K |
| Luminous efficacy (rated) (nom.) | 82 lm/W |
| Colour rendering index (nom.) | 60 |
| Operating and Electrical | |
| Power (Rated) (Max) | - W |
| Power (Rated) (Min) | - W |
| Power (Rated) (Nom) | 250.0 W |
| Lamp current run-up (max.) | 3.5 A |
| Lamp current (EM) (nom.) | 2.1 A |
| Ignition supply voltage (max.) | 198 V |

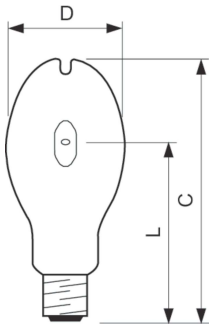
| Ignition supply voltage (min.) | 198 V |
|------------------------------------|-------------------------------|
| Voltage (Max) | 148 V |
| Voltage (Min) | 118 V |
| Voltage (Nom) | 133 V |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Lamp Finish | Clear |
| Bulb shape | ED90 [ED 90mm] |
| Approval and Application | |
| Mercury (Hg) content (nom.) | 33 mg |
| Energy consumption kWh/1,000 hours | 275 kWh |
| Luminaire Design Requirements | |
| Bulb temperature (max.) | 400 °C |
| Cap-base temperature (max.) | 210 °C |
| Product Data | |
| Full product code | 871150019937915 |
| Order product name | MH - 250W/640 E40 CL U 1SL/12 |
| EAN/UPC - product | 8711500199379 |
| Order code | 19937915 |

MH-NaSc

| | |
|-----------------------------------|--------------|
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 12 |
| SAP material | 928480300097 |

| | |
|------------------------|----------|
| SAP net weight (piece) | 0.175 kg |
|------------------------|----------|

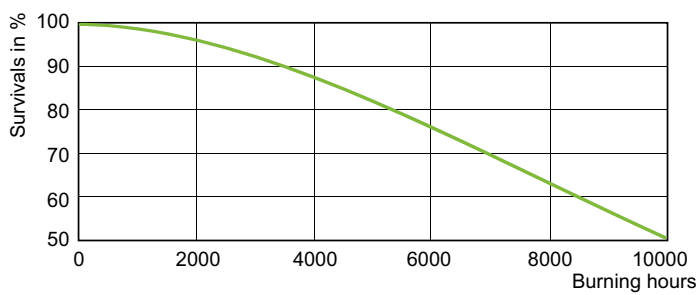
Dimensional drawing



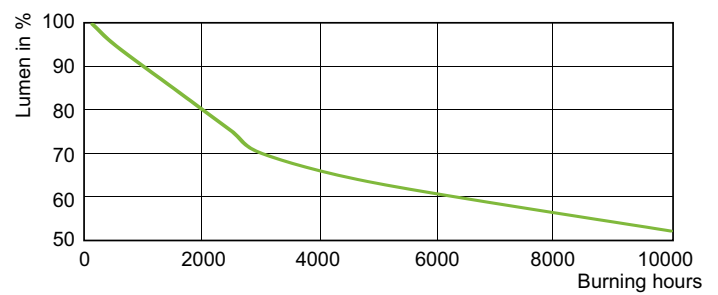
MH 250W/640 E40 CL

| Product | D (max) | L (min) | C (max) |
|-------------------------------|---------|---------|---------|
| MH - 250W/640 E40 CL U 1SL/12 | 91 mm | 149 mm | 226 mm |

Lifetime



LDLE_MH_0008-Life expectancy diagram



LDLM_MH_0010-Lumen maintenance diagram

