



Product description

MH-NaSc

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

Benefits

- Energy saving solution with better color appearance and rendering property for conventional version.

Features

- Quartz discharge tube containing high-pressure mercury and a mixture of Sodium and Scandium halides, which contribute to multi-lines spectra; with Ar to aid ignition.
- Better colour rendering index around 60
- Luminous efficacy up to 90 lm/W
- Low wattage lamps with extra quartz tube around DT to prevent the risk of outer bulb shattering when abnormal operated or to the end of life.
- Universal operation position permitted

Application

- Stadium and sports facilities lighting
- Industrial and commercial lighting—factory
- supermarket and exhibition hall etc.
- Public lighting—square, station, port, airport etc.
- Decorative flood lighting—monument, buildings e.g.
- hotel

MH-NaSc

Versions

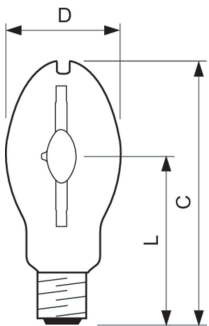


LPPR MH E26 E27 CL



LPPR MH 0002

Dimensional drawing



| Product | D (max) | L (min) | C (max) |
|----------------------------|---------|---------|---------|
| MH 150W/640 E27 CL 1SL/24 | 56 mm | 83 mm | 141 mm |
| MH 400W/640 E40 CL U 1SL/6 | 121 mm | 184 mm | 290 mm |

| General Information | |
|------------------------|-----------------|
| Operating Position | H |
| Light Technical | |
| Color Designation | Cool White (CW) |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Finish | Clear |

General Information

| Order Code | Full Product Name | Cap-Base | Order Code | Full Product Name | Cap-Base |
|--------------|---------------------------|----------|--------------|----------------------------|----------|
| 928484600092 | MH 150W/640 E27 CL 1SL/24 | E27 | 928480400097 | MH 400W/640 E40 CL U 1SL/6 | E40 |

Light Technical

| Order Code | Full Product Name | Chromaticity Coordinate X (Nom) | Chromaticity Coordinate Y (Nom) | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) |
|--------------|----------------------------|---------------------------------|---------------------------------|------------------------------------|-----------------------------|---------------------------------|
| 928484600092 | MH 150W/640 E27 CL 1SL/24 | 385 | 390 | 4000 K | 65 | 95 lm/W |
| 928480400097 | MH 400W/640 E40 CL U 1SL/6 | 390 | 400 | 3900 K | 60 | 97.5 lm/W |

Operating and Electrical

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|---------------------------|---------------|-------------------|
| 928484600092 | MH 150W/640 E27 CL 1SL/24 | 95 V | 153 W |

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|----------------------------|---------------|-------------------|
| 928480400097 | MH 400W/640 E40 CL U 1SL/6 | 135 V | 400.0 W |

Mechanical and Housing

| Order Code | Full Product Name | Bulb Shape |
|--------------|---------------------------|------------|
| 928484600092 | MH 150W/640 E27 CL 1SL/24 | ED55 |

| Order Code | Full Product Name | Bulb Shape |
|--------------|----------------------------|------------|
| 928480400097 | MH 400W/640 E40 CL U 1SL/6 | ED120 |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Nom) |
|--------------|---------------------------|-------------------------------|----------------------------|
| 928484600092 | MH 150W/640 E27 CL 1SL/24 | 165 kWh | 11 mg |

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Nom) |
|--------------|----------------------------|-------------------------------|----------------------------|
| 928480400097 | MH 400W/640 E40 CL U 1SL/6 | 440 kWh | 38 mg |

