



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.
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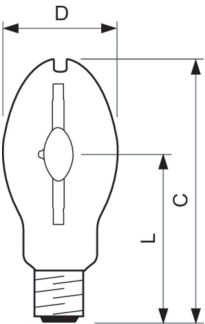
Features

- 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.
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- Better colour rendering index around 60
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- Luminous efficacy up to 90 lm/W
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- 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.
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- Universal operation position permitted
- Universal operation position permitted

Application

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

Dimensional drawing



| Product | D (max) | L (min) | C (max) |
|---------------------------|---------|---------|---------|
| MH 100W/640 E27 CL 1SL/24 | 56 mm | 83 mm | 141 mm |
| MH 150W/640 E27 CL 1SL/24 | 56 mm | 83 mm | 141 mm |
| MH 70W/640 E27 CL 1SL/24 | 56 mm | 83 mm | 141 mm |

| General Information | |
|------------------------|-----------------|
| Cap-Base | E27 |
| Operating Position | H |
| Light Technical | |
| Color Designation | Cool White (CW) |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Shape | ED55 |

Light Technical

| Order Code | Full Product Name | Chromaticity | Chromaticity | Correlated Color | Color rendering | Luminous Efficacy (rated) |
|--------------|---------------------------|--------------------|--------------------|-------------------|-----------------|---------------------------|
| | | Coordinate X (Nom) | Coordinate Y (Nom) | Temperature (Nom) | index (CRI) | (Nom) |
| 928484400092 | MH 70W/640 E27 CL 1SL/24 | 390 | 380 | 4000 K | 60 | 74 lm/W |
| 928484500092 | MH 100W/640 E27 CL 1SL/24 | 375 | 385 | 4200 K | 65 | 92 lm/W |
| 928484600092 | MH 150W/640 E27 CL 1SL/24 | 385 | 390 | 4000 K | 65 | 95 lm/W |

Operating and Electrical

| Order Code | Full Product Name | Voltage (Nom) | Power Consumption |
|--------------|---------------------------|---------------|-------------------|
| 928484400092 | MH 70W/640 E27 CL 1SL/24 | 85 V | 76 W |
| 928484500092 | MH 100W/640 E27 CL 1SL/24 | 100 V | 105 W |

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

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Nom) |
|--------------|------------------------------|----------------------------------|-------------------------------|
| 928484400092 | MH 70W/640 E27 CL 1SL/24 | - | 12 mg |
| 928484500092 | MH 100W/640 E27 CL 1SL/24 | 110 kWh | 10.2 mg |

| 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 |

