

PHILIPS

Lighting



MASTER MHN-LA

MASTER MHN-LA 1000W/842 230V XWH

Compact quartz metal halide lamps with double-pin

Product data

| General Information | |
|--------------------------------------|---|
| Cap base | X528 [X528] |
| Operating position | P5 [Parallel +/-5D or Horizontal(HOR)] |
| Life to 5% failures (nom.) | 6000 h |
| Life to 10% failures (nom.) | 8000 h |
| Life to 20% failures (nom.) | 10000 h |
| Life to 50% failures (nom.) | 15000 h |
| Light Technical | |
| Colour code | 842 [CCT of 4,200 K] |
| Luminous flux (rated) (min.) | 85800 lm |
| Luminous flux (rated) (nom.) | 95800 lm |
| Colour designation | Cool White (CW) |
| Lumen maintenance 1,000 hours (nom.) | 90 % |
| Lumen maintenance 2,000 hours (nom.) | 80 % |
| Chromaticity coordinate X (nom.) | 366 |
| Chromaticity coordinate Y (nom.) | 370 |
| Correlated colour temperature (nom.) | 4200 K |
| Luminous efficacy (rated) (nom.) | 92.00 lm/W |
| Color rendering index (nom.) | 70 |
| Operating and Electrical | |
| Lamp supply voltage | 230 V [230] |
| Power (Rated) (Nom) | 1040.0 W |
| Lamp current run-up (max.) | 15 A |
| Lamp current (EM) (nom.) | 9.3 A |

| Ignition supply voltage (min.) | 198 V |
|--------------------------------|-----------------|
| Voltage (Max) | 140 V |
| Voltage (Min) | 110 V |
| Voltage (Nom) | 125 V |
| Controls and Dimming | |
| Dimmable | no |
| Mechanical and Housing | |
| Bulb finish | Clear (CL) |
| Cap base information | Cable (C) |
| Approval and Application | |
| Energy efficiency label (EEL) | A+ |
| Mercury (Hg) content (nom.) | 112 mg |
| Energy Consumption kWh/1000 h | 1144 kWh |
| UV | |
| Specific eff. radiant power | 265 mW/klm |
| Luminaire Design Requirements | |
| Bulb temperature (max.) | 920 °C |
| Pinch temperature (max.) | 350 °C |
| Product Data | |
| Full product code | 871150020078500 |

MASTER MHN-LA

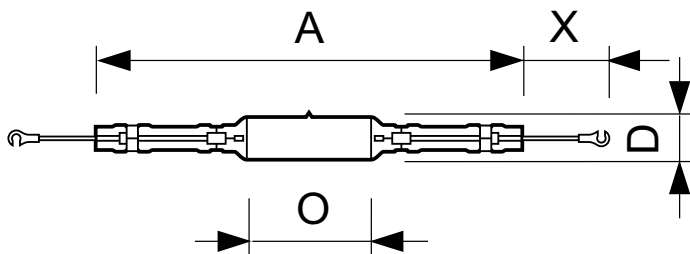
| | |
|---------------------------------|----------------------------------|
| Order product name | MASTER MHN-LA 1000W/842 230V XWH |
| EAN/UPC – product | 8718291548232 |
| Order code | 20078500 |
| Local Code | 1000MHNLA842 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |

| | |
|---------------------|----------------|
| Material no. (12NC) | 928073005130 |
| Net weight (piece) | 141.000 g |
| ILCOS Code | MN-1000-E-K-/H |

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- 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.

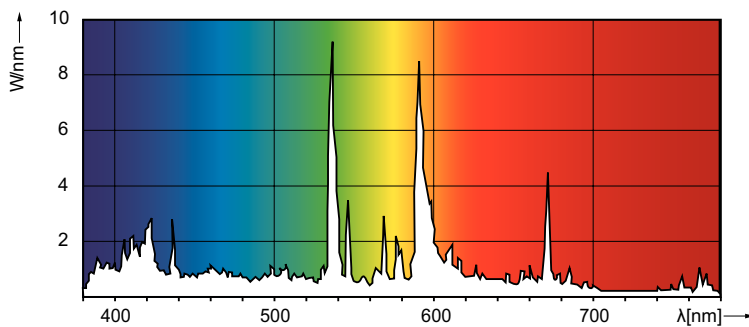
Dimensional drawing



| Product | D (max) | O | X | A |
|----------------------------------|---------|---------|-------|--------|
| MASTER MHN-LA 1000W/842 230V XWH | 40 mm | 40.5 mm | 35 mm | 286 mm |

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Photometric data



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Lifetime

