



# **MHN-TD**

# MHN-TD 70W/730 RX7s 1CT/12

Double-envelope, single- or double-ended Metal halide lamps

#### 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
- · Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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                |  |  |  |  |  |
|------------------------------------|--|--|--|--|--|
| Cap-Base                           | RX7S [RX7s]                              |  |  |  |  |
| Operating Position                 | P45 [Parallel +/-45D or Horizontal(HOR)] |  |  |  |  |
| Flux measurement reference         | Sphere                                   |  |  |  |  |
| Life to 50% Failures (Nom)         | 9,000 h                                  |  |  |  |  |
|                                    |  |  |  |  |  |
| Light Technical                    |  |  |  |  |  |
| Color Code                         | 730 [CCT of 3000K]                       |  |  |  |  |
| Luminous Flux                      | 5,800 lm                                 |  |  |  |  |
| Color Designation                  | Warm White (WW)                          |  |  |  |  |
| Chromaticity Coordinate X (Nom)    | 0.434                                    |  |  |  |  |
| Chromaticity Coordinate Y (Nom)    | 0.398                                    |  |  |  |  |
| Correlated Color Temperature (Nom) | 3000 K                                   |  |  |  |  |
| Luminous Efficacy (Rated) (Min)    | 67 lm/W                                  |  |  |  |  |
| Luminous Efficacy (rated) (Nom)    | 75 lm/W                                  |  |  |  |  |
| Color rendering index (CRI)        | 65                                       |  |  |  |  |
| Arc Length O (Nom)                 | 7.7 mm                                   |  |  |  |  |
|                                    |  |  |  |  |  |

| Operating and Electrical      |         |
|-------------------------------|---------|
| Power Consumption             | 77.0 W  |
| Voltage (Nom)                 | 90 V    |
| Voltage (Nom)                 | 90 V    |
|                               |         |
| Controls and Dimming          |         |
| Dimmable                      | No      |
|                               |         |
| Mechanical and Housing        |         |
| Bulb Finish                   | Clear   |
| Bulb Shape                    | TD      |
|                               |         |
| Approval and Application      |         |
| Energy Efficiency Class       | G       |
| Mercury (Hg) Content (Max)    | 13.4 mg |
| Mercury (Hg) Content (Nom)    | 13.4 mg |
| Energy Consumption kWh/1000 h | 77 kWh  |

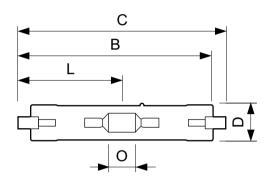
Datasheet, 2023, April 16 data subject to change

## MHN-TD

| <b>EPREL Registration Number</b> | 473286                     |  |  |  |  |
|----------------------------------|----------------------------|--|--|--|--|
|                                  |                            |  |  |  |  |
| Product Data                     |                            |  |  |  |  |
| Order product name               | MHN-TD 70W/730 RX7s 1CT/12 |  |  |  |  |
| Full product name                | MHN-TD 70W/730 RX7s 1CT/12 |  |  |  |  |
| Full product code                | 871829121530100            |  |  |  |  |
| Local code description           | MHNTD70W730                |  |  |  |  |
| Order code                       | 928482400092               |  |  |  |  |

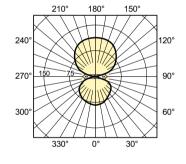
| Material Nr. (12NC)             | 928482400092  |  |  |
|---------------------------------|---------------|--|--|
| Local order code                | MHNTD70W730   |  |  |
| Numerator - Quantity Per Pack   | 1             |  |  |
| EAN/UPC - Product/Case          | 8718291215301 |  |  |
| Numerator - Packs per outer box | 12            |  |  |
| EAN/UPC - Case                  | 8718291215318 |  |  |
|                                 |               |  |  |

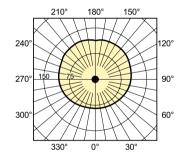
### Dimensional drawing

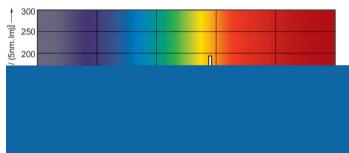


| Product                    | D (max) | D         | 0      | C (max)  |
|----------------------------|---------|-----------|--------|----------|
| MHN-TD 70W/730 RX7s 1CT/12 | 19.5 mm | 0.75 inch | 7.7 mm | 117.6 mm |

#### Photometric data







Light Distribution Diagram - MHN-TD 70W/730 RX7s 1CT/12

Spectral Power Distribution Colour - MHN-TD 70W/730 RX7s 1CT/12



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