



# MASTERColour CDM-TD



## MASTERC CDM-TD 70W/942 RX7s 1CT/12

Range of double-ended, compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

### 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
- Lamps may use electronic or electromagnetic control gear
- 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                                     |
| Operating Position                 | P45 [Parallel +/-45D or Horizontal(HOR)] |
| Flux measurement reference         | Sphere                                   |
| Life to 50% Failures (Nom)         | 16,000 hour(s)                           |
| Light Technical                    |                                          |
| Color Code                         | 942 [CCT of 4200K]                       |
| Luminous Flux                      | 5,450 lm                                 |
| Color Designation                  | Cool White (CW)                          |
| Chromaticity Coordinate X (Nom)    | 0.371                                    |
| Chromaticity Coordinate Y (Nom)    | 0.366                                    |
| Correlated Color Temperature (Nom) | 4200 K                                   |
| Luminous Efficacy (rated) (Nom)    | 76 lm/W                                  |

| Color rendering index (CRI) | 92     |
|-----------------------------|--------|
| Arc Length O (Nom)          | 7 mm   |
| Operating and Electrical    |        |
| Power Consumption           | 71.5 W |
| Voltage (Nom)               | 90 V   |
| Controls and Dimming        |        |
| Dimmable                    | No     |
| Mechanical and Housing      |        |
| Bulb Finish                 | Clear  |
| Bulb Shape                  | T22    |

MASTERC colour CDM-TD

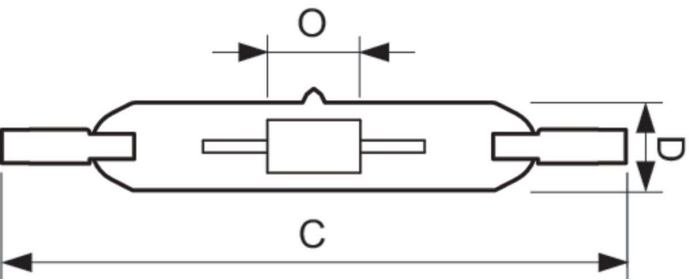
|                               |          |
|-------------------------------|----------|
| Net Weight (Piece)            | 21.000 g |
| Approval and Application      |          |
| Energy Efficiency Class       | G        |
| Mercury (Hg) Content (Max)    | 4.7 mg   |
| Mercury (Hg) Content (Nom)    | 4.8 mg   |
| Energy Consumption kWh/1000 h | 72 kWh   |
| EPREL Registration Number     | 473339   |

Product Data

|                    |                                    |
|--------------------|------------------------------------|
| Order product name | MASTERC CDM-TD 70W/942 RX7s 1CT/12 |
|--------------------|------------------------------------|

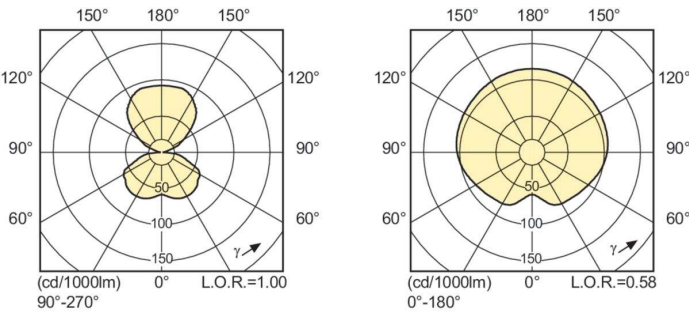
|                                 |                                    |
|---------------------------------|------------------------------------|
| Full product name               | MASTERC CDM-TD 70W/942 RX7s 1CT/12 |
| Full product code               | 871150020002015                    |
| Order code                      | 928084705133                       |
| Material Nr. (12NC)             | 928084705133                       |
| Numerator - Quantity Per Pack   | 1                                  |
| EAN/UPC - Product/Case          | 8711500200020                      |
| Numerator - Packs per outer box | 12                                 |
| EAN/UPC - Case                  | 8711500200037                      |

Dimensional drawing

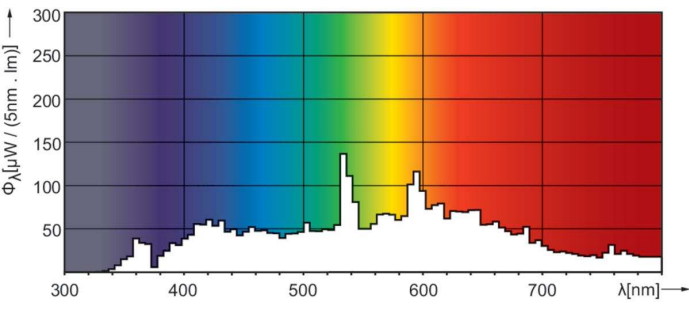


| Product                            | D (max) | D         | O    | C (max)   |
|------------------------------------|---------|-----------|------|-----------|
| MASTERC CDM-TD 70W/942 RX7s 1CT/12 | 22 mm   | 0.75 inch | 7 mm | 119.63 mm |

Photometric data



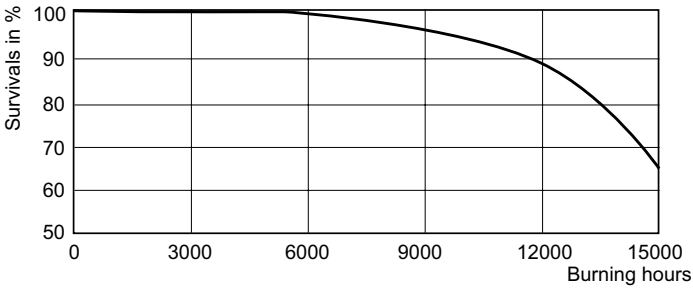
Light Distribution Diagram - MASTERC CDM-TD 70W/942 RX7s 1CT/12



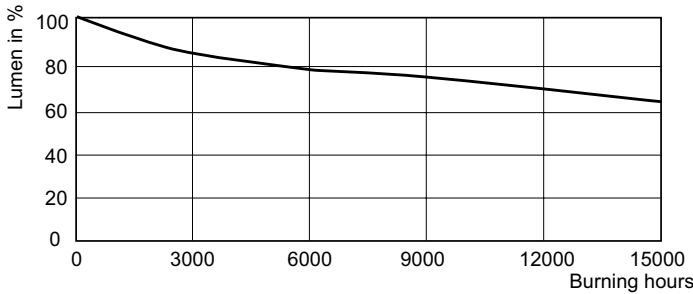
Spectral Power Distribution Colour - MASTERC CDM-TD 70W/942 RX7s 1CT/12

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Lifetime



LDLE\_CDM-TD\_0001-Life expectancy diagram



Lumen Maintenance Diagram - MASTERC CDM-TD 70W/942 RX7s 1CT/12

