



MASTERColour CDM-TD

MASTERColour 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)
- $\boldsymbol{\cdot}$ The luminaire must be able to contain hot lamp parts if the lamp ruptures
- $\boldsymbol{\cdot}$ 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 [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 |
| Voltage (Nom) | 90 V |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| | |

Datasheet, 2023, April 16 data subject to change

MASTERColour CDM-TD

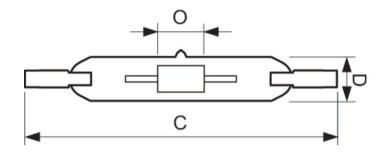
| Bulb Shape | T22 [T 22mm] | | |
|-------------------------------|--------------|--|--|
| | | | |
| Approval and Application | | | |
| Energy Efficiency Class | G | | |
| Mercury (Hg) Content (Max) | 4.7 mg | | |
| Mercury (Hg) Content (Nom) | 4.8 mg | | |
| Energy Consumption kWh/1000 h | 72 kWh | | |
| EPREL Registration Number | 473339 | | |
| | | | |
| Product Data | | | |
| | | | |

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

| Full product name | MASTERColour CDM-TD 70W/942 RX7S 1CT/12 | | | | |
|---------------------------------|---|--|--|--|--|
| Full product code | 871150020002015 | | | | |
| Order code | 20002015 | | | | |
| 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

Order product name



| Product | D (max) | D | 0 | C (max) |
|------------------------------------|---------|-----------|------|-----------|
| MASTERC CDM-TD 70W/942 RX7s 1CT/12 | 22 mm | 0.75 inch | 7 mm | 119.63 mm |

Photometric data





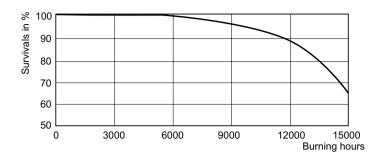


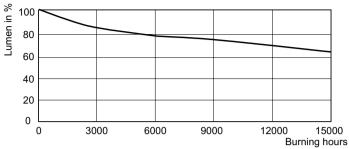
Light Distribution Diagram - MASTERC CDM-TD 70W/942 RX7s 1CT/12

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

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Lifetime





Life Expectancy Diagram - MASTERC CDM-TD 70W/942 RX7s 1CT/12

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



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