



# Beautiful sparkle, reliable life

## MASTERColour CDM-TD

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

### Benefits

- Stable color impression over lifetime
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- High lamp efficacy results in low operating costs and low heat generation.  
Provides better operating costs and improved light quality versus standard quartz metal halide (MHN-TD)
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Provides better operating costs and improved light quality versus standard quartz metal halide (MHN/W-TD)
- Long lamp life compared with incandescent, halogen and quartz metal halide (MHN-TD) lamps
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- Relatively low heat output enhances comfort for shoppers and staff
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- All types are UV-Block for reduced fading risks
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## Features

- Crisp white light
- Warm or cool white colour impression
- Superior color quality
- Colour rendering good to excellent
- Retrofit in double-ended luminaires for quartz metal halide lamps (MHN-TD), thereby allowing to reduce operating costs and improve color quality
- Retrofit in double-ended luminaires for quartz metal halide lamps (MHN/W-TD), thereby allowing to reduce operating costs and improve colour quality
- Burning position horizontal  $\pm 45^\circ$
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## Application

- Shops and shop windows, offices and public buildings
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- Decorative outdoor: floodlighting of facades, statues and monuments
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## Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Lamps may use electronic or electromagnetic control gear
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- 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.
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## Versions

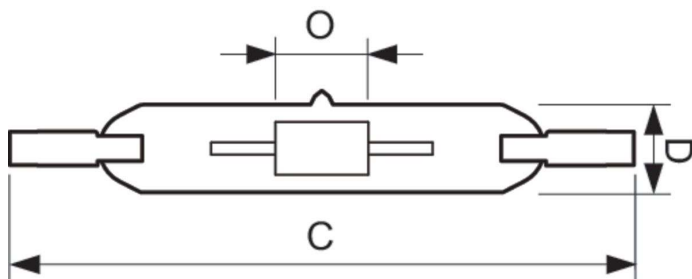


LPPR CDM-TD 150W

LPPR\_CDM-TD\_70W-Product photo

# MASTERCoulour CDM-TD

## Dimensional drawing



| Product                            | D (max) | D         | O     | C (max)   |
|------------------------------------|---------|-----------|-------|-----------|
| MASTERC CDM-TD 150W/830 RX7s 1CT   | 22 mm   |           | 10 mm | 137.43 mm |
| MASTERC CDM-TD 70W/830 RX7s 1CT/12 | 22 mm   |           | 8 mm  | 119.63 mm |
| MASTERC CDM-TD 70W/942 RX7s 1CT/12 | 22 mm   | 0.75 inch | 7 mm  | 119.63 mm |

### General Information

|                    |      |
|--------------------|------|
| Cap-Base           | RX7s |
| Operating Position | P45  |

### Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Mechanical and Housing

|             |       |
|-------------|-------|
| Bulb Finish | Clear |
| Bulb Shape  | T22   |

## Light Technical

| Order Code   | Full Product Name                  | Chromaticity<br>Coordinate X<br>(Nom) | Chromaticity<br>Coordinate Y<br>(Nom) | Color<br>Designation | Correlated Color<br>Temperature (Nom) | Color<br>rendering<br>index (CRI) | Luminous Efficacy<br>(rated) (Nom) | Luminous Flux |
|--------------|------------------------------------|---------------------------------------|---------------------------------------|----------------------|---------------------------------------|-----------------------------------|------------------------------------|---------------|
| 928083605133 | MASTERC CDM-TD 150W/830 RX7s 1CT   | 0.434                                 | 0.398                                 | Warm White (WW)      | 3000 K                                | 88                                | 87 lm/W                            | 12,750 lm     |
| 928082205125 | MASTERC CDM-TD 70W/830 RX7s 1CT/12 | 0.434                                 | 0.398                                 | Warm White (WW)      | 3000 K                                | 80                                | 85 lm/W                            | 6,000 lm      |
| 928084705133 | MASTERC CDM-TD 70W/942 RX7s 1CT/12 | 0.371                                 | 0.366                                 | Cool White (CW)      | 4200 K                                | 92                                | 76 lm/W                            | 5,450 lm      |

## Operating and Electrical

| Order Code   | Full Product Name                  | Voltage (Nom) | Power Consumption |
|--------------|------------------------------------|---------------|-------------------|
| 928083605133 | MASTERC CDM-TD 150W/830 RX7s 1CT   | 98 V          | 147.0 W           |
| 928082205125 | MASTERC CDM-TD 70W/830 RX7s 1CT/12 | 94 V          | 71.0 W            |

| Order Code   | Full Product Name                  | Voltage (Nom) | Power Consumption |
|--------------|------------------------------------|---------------|-------------------|
| 928084705133 | MASTERC CDM-TD 70W/942 RX7s 1CT/12 | 90 V          | 71.5 W            |

## Approval and Application

| Order Code   | Full Product Name                | Energy<br>Consumption<br>kWh/1000 h | Mercury<br>(Hg) Content<br>(Max) | Mercury<br>(Hg) Content<br>(Nom) |
|--------------|----------------------------------|-------------------------------------|----------------------------------|----------------------------------|
| 928083605133 | MASTERC CDM-TD 150W/830 RX7s 1CT | 147 kWh                             | 10.2 mg                          | 10.23 mg                         |

| Order Code   | Full Product Name                  | Energy<br>Consumption<br>kWh/1000 h | Mercury<br>(Hg) Content<br>(Max) | Mercury<br>(Hg) Content<br>(Nom) |
|--------------|------------------------------------|-------------------------------------|----------------------------------|----------------------------------|
| 928082205125 | MASTERC CDM-TD 70W/830 RX7s 1CT/12 | 71 kWh                              | 3.4 mg                           | 3.4 mg                           |

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| Order Code          | Full Product Name | Energy      | Mercury      | Mercury      |
|---------------------|-------------------|-------------|--------------|--------------|
|                     |                   | Consumption | (Hg) Content | (Hg) Content |
|                     |                   | kWh/1000 h  | (Max)        | (Nom)        |
| 928084705133        | MASTERC CDM-TD    | 72 kWh      | 4.7 mg       | 4.8 mg       |
| 70W/942 RX7s 1CT/12 |                   |             |              |              |

