



# 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 colour impression over lifetime
- 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/W-TD)
- Long lamp life compared with incandescent, halogen and quartz metal halide (MHN/W-TD) lamps
- Relatively low heat output enhances comfort for shoppers and staff
- All types are UV-Block for reduced fading risks

### Features

- Warm or cool white colour impression
- Colour rendering good to excellent
- 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 +/-45°

### Application

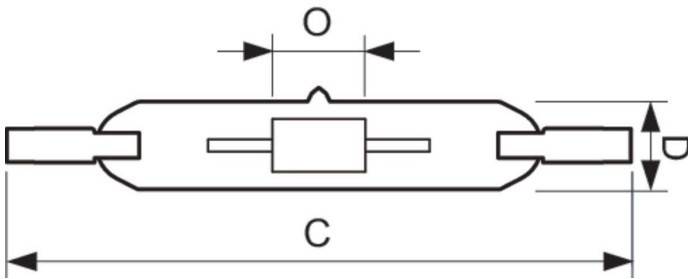
- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting of facades, statues and monuments

# MASTERCcolour CDM-TD

## 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.

## Dimensional drawing



| Product                            | D (max) | D       | O    | C (max)   |
|------------------------------------|---------|---------|------|-----------|
| 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 in | 7 mm | 119.63 mm |

### General Information

|                    |      |
|--------------------|------|
| Cap base           | RX7s |
| Operating position | P45  |

### Controls and Dimming

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

### Mechanical and Housing

|             |       |
|-------------|-------|
| Lamp Finish | Clear |
| Bulb shape  | T22   |

## Light Technical

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

## Operating and Electrical

| Order Code   | Full Product Name                     | Voltage (nom.) | Power Consumption | Order Code   | Full Product Name                     | Voltage (nom.) | Power Consumption |
|--------------|---------------------------------------|----------------|-------------------|--------------|---------------------------------------|----------------|-------------------|
| 928082205125 | MASTERC CDM-TD 70W/830<br>RX7s 1CT/12 | 94 V           | 71.0 W            | 928084705133 | MASTERC CDM-TD 70W/942<br>RX7s 1CT/12 | 90 V           | 71.5 W            |

## Approval and Application

# MASTERC colour CDM-TD

| Order Code   | Full Product Name                     | Energy consumption kWh/1,000 hours | Mercury (Hg) content (max.) | Mercury (Hg) content (nom.) |
|--------------|---------------------------------------|------------------------------------|-----------------------------|-----------------------------|
| 928082205125 | MASTERC CDM-TD<br>70W/830 RX7s 1CT/12 | 71 kWh                             | 3.4 mg                      | 3.4 mg                      |
| 928084705133 | MASTERC CDM-TD<br>70W/942 RX7s 1CT/12 | 72 kWh                             | 4.7 mg                      | 4.8 mg                      |

