



# MASTERColour CDM-T

## MASTERC CDM-T 35W/830 G12 1CT/12

Range of single-ended, compact, high-efficiency, discharge lamps with a stable colour 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
- $\cdot$  Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.
- 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                           | G12                              |  |  |  |  |
| Operating Position                 | UNIVERSAL [Any or Universal (U)] |  |  |  |  |
| Life to 50% Failures (Nom)         | 12,000 hour(s)                   |  |  |  |  |
|                                    |                                  |  |  |  |  |
| Light Technical                    |                                  |  |  |  |  |
| Color Code                         | 830 [CCT of 3000K]               |  |  |  |  |
| Color Designation                  | Warm White (WW)                  |  |  |  |  |
| Chromaticity Coordinate X (Nom)    | 0.428                            |  |  |  |  |
| Chromaticity Coordinate Y (Nom)    | 0.397                            |  |  |  |  |
| Correlated Color Temperature (Nom) | 3000 K                           |  |  |  |  |
| Luminous Efficacy (rated) (Nom)    | 79 lm/W                          |  |  |  |  |
| Color rendering index (CRI)        | 83                               |  |  |  |  |

| Arc Length O (Nom)       | 5 mm   |
|--------------------------|--------|
|                          |        |
| Operating and Electrical |        |
| Power Consumption        | 39.1 W |
| Voltage (Nom)            | 82 V   |
| Voltage (Nom)            | 82 V   |
|                          |        |
| Controls and Dimming     |        |
| Dimmable                 | No     |
|                          |        |
| Mechanical and Housing   |        |
| Bulb Finish              | Clear  |
|                          |        |

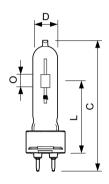
Datasheet, 2023, May 15 data subject to change

## **MASTERColour CDM-T**

| Bulb Shape                    | T19                              |  |  |  |  |
|-------------------------------|----------------------------------|--|--|--|--|
|                               |                                  |  |  |  |  |
| Approval and Application      |                                  |  |  |  |  |
| Mercury (Hg) Content (Nom)    | 3.1 mg                           |  |  |  |  |
| Energy Consumption kWh/1000 h | 43 kWh                           |  |  |  |  |
|                               |                                  |  |  |  |  |
| Product Data                  |                                  |  |  |  |  |
| Order product name            | MASTERC CDM-T 35W/830 G12 1CT/12 |  |  |  |  |
| Full product name             | MASTERC CDM-T 35W/830 G12 1CT/12 |  |  |  |  |

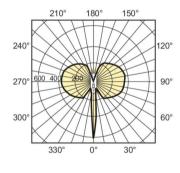
| Full product code               | 871869648443200 |
|---------------------------------|-----------------|
| Order code                      | 928083105129    |
| Material Nr. (12NC)             | 928083105129    |
| Numerator - Quantity Per Pack   | 1               |
| EAN/UPC - Product/Case          | 8718696484432   |
| Numerator - Packs per outer box | 12              |
| EAN/UPC - Case                  | 8718696484449   |
|                                 |                 |

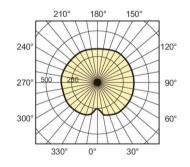
## Dimensional drawing

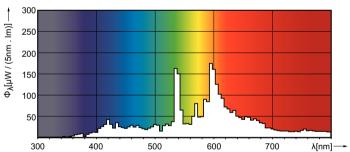


| Product            | D (max) | D         | 0    | L (min) | L (max) | L     | C (max) |
|--------------------|---------|-----------|------|---------|---------|-------|---------|
| MASTERC CDM-T      | 20 mm   | 0.75 inch | 5 mm | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| 35W/830 G12 1CT/12 |         |           |      |         |         |       |         |

#### Photometric data





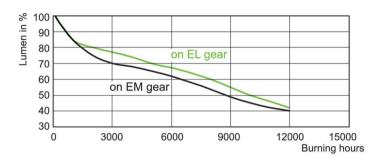


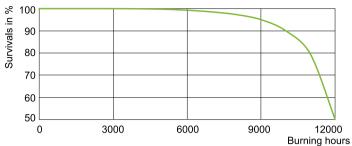
Light Distribution Diagram - MASTERC CDM-T 35W/830 G12 1CT/12

Spectral Power Distribution Colour - MASTERC CDM-T 35W/830 G12 1CT/12

## **MASTERColour CDM-T**

#### Lifetime





Lumen Maintenance Diagram - MASTERC CDM-T 35W/830 G12 1CT/12

Life Expectancy Diagram - MASTERC CDM-T 35W/830 G12 1CT/12



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