



# MASTERColour CDM-T

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

Range of single-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
- 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]               |
| Luminous Efficacy (rated) (Nom)    | 79 lm/W                          |
| Color Designation                  | Warm White (WW)                  |
| Chromaticity Coordinate X (Nom)    | 0.428                            |
| Chromaticity Coordinate Y (Nom)    | 0.397                            |
| Correlated Color Temperature (Nom) | 3000 K                           |
| Color rendering index (CRI)        | 83                               |

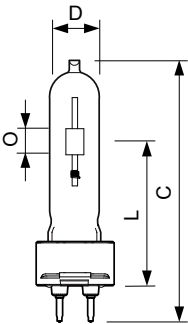
| Arc Length O (Nom)       | 5 mm   |
|--------------------------|--------|
| Operating and Electrical |        |
| Power Consumption        | 39.1 W |
| Voltage (Nom)            | 82 V   |
| Controls and Dimming     |        |
| Dimmable                 | No     |
| Mechanical and Housing   |        |
| Bulb Finish              | Clear  |
| Bulb Shape               | T19    |

MASTERC colour CDM-T

|                               |                                  |
|-------------------------------|----------------------------------|
| 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                     |

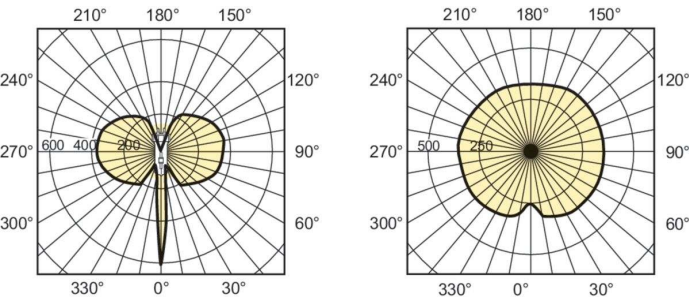
|                                 |               |
|---------------------------------|---------------|
| Material Nr. (12NC)             | 928083105129  |
| Numerator - Quantity Per Pack   | 1             |
| Net Weight (Piece)              | 27.000 g      |
| EAN/UPC - Product/Case          | 8718696484432 |
| Numerator - Packs per outer box | 12            |
| EAN/UPC - Case                  | 8718696484449 |

Dimensional drawing

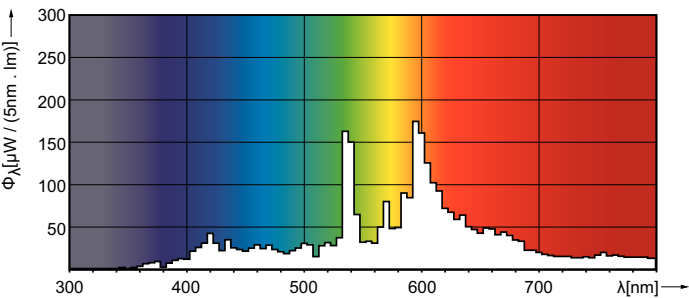


| Product                             | D (max) | D         | O    | L (min) | L (max) | L     | C (max) |
|-------------------------------------|---------|-----------|------|---------|---------|-------|---------|
| MASTERC CDM-T<br>35W/830 G12 1CT/12 | 20 mm   | 0.75 inch | 5 mm | 55 mm   | 57 mm  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

Photometric data



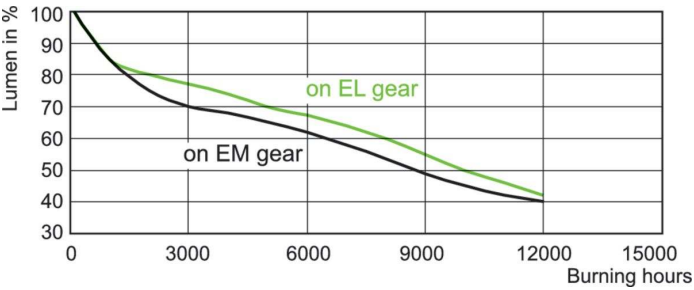
Light Distribution Diagram - MASTERC CDM-T 35W/830 G12 1CT/12



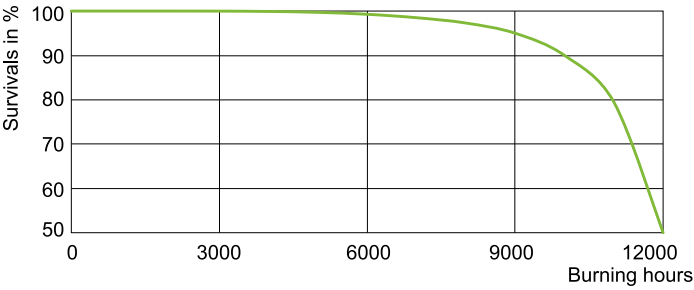
Spectral Power Distribution Colour - MASTERC CDM-T 35W/830 G12 1CT/12

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Lifetime



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



LDLE\_CDM-T\_0001-Life expectancy diagram

