



# MASTERColour CDM-T

## **MASTERC CDM-T 150W/942 G12 1CT**

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**

| Operating and Electrical   |                                  |  |  |  |  |
|----------------------------|----------------------------------|--|--|--|--|
| Power Consumption          | 150.1 W                          |  |  |  |  |
| Voltage (Nom)              | 90 V                             |  |  |  |  |
| Voltage (Nom)              | 90 V                             |  |  |  |  |
|                            |                                  |  |  |  |  |
| General Information        |                                  |  |  |  |  |
| Cap-Base                   | G12 [G12]                        |  |  |  |  |
| Operating Position         | UNIVERSAL [Any or Universal (U)] |  |  |  |  |
| Flux measurement reference | Sphere                           |  |  |  |  |
|                            |                                  |  |  |  |  |
| Light Technical            |                                  |  |  |  |  |
| Color Code                 | 942 [CCT of 4200K]               |  |  |  |  |
| Luminous Flux              | 12,100 lumen                     |  |  |  |  |

| 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)    | 82 lm/W         |
| Color rendering index (CRI)        | 96              |
|                                    |                 |
| Controls and Dimming               |                 |
| Dimmable                           | No              |
|                                    |                 |
| Mechanical and Housing             |                 |
| Bulb Finish                        | Clear           |
|                                    |                 |

Datasheet, 2023, May 17 data subject to change

## **MASTERColour CDM-T**

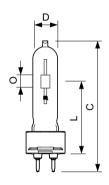
| Bulb Shape                    | T19 [T 19mm] |  |  |  |
|-------------------------------|--------------|--|--|--|
|                               |              |  |  |  |
| Approval and Application      |              |  |  |  |
| Mercury (Hg) Content (Max)    | 10.4 mg      |  |  |  |
| Mercury (Hg) Content (Nom)    | 10.4 mg      |  |  |  |
| Energy Consumption kWh/1000 h | 151 kWh      |  |  |  |
| EPREL Registration Number     | 473,338      |  |  |  |
|                               |              |  |  |  |
| Product Data                  |              |  |  |  |

871150020005115

| Order product name              | MASTERC CDM-T 150W/942 G12 1CT |
|---------------------------------|--------------------------------|
| Order code                      | 928084605131                   |
| Numerator - Quantity Per Pack   | 1                              |
| Numerator - Packs per outer box | 12                             |
| Material number (12NC)          | 928084605131                   |
| Full product name               | MASTERC CDM-T 150W/942 G12 1CT |
| EAN/UPC - Case                  | 8711500200068                  |
|                                 |                                |

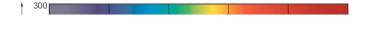
## Dimensional drawing

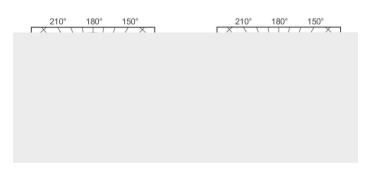
Full product code



| Product          | D (max) | D         | 0    | L (min) | L (max) | L     | C (max) |
|------------------|---------|-----------|------|---------|---------|-------|---------|
| MASTERC CDM-T    | 20 mm   | 0.75 inch | 8 mm | 55 mm   | 57 mm   | 56 mm | 110 mm  |
| 150W/942 G12 1CT |         |           |      |         |         |       |         |

### Photometric data



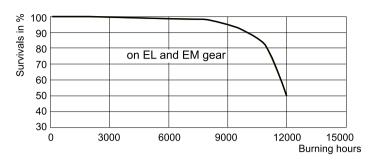


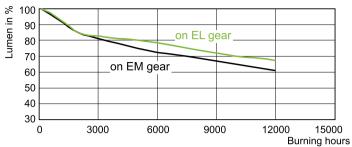
Spectral Power Distribution Colour - MASTERC CDM-T 150W/942 G12 1CT

Light Distribution Diagram - MASTERC CDM-T 150W/942 G12 1CT

## **MASTERColour CDM-T**

#### Lifetime





Life Expectancy Diagram - MASTERC CDM-T 150W/942 G12 1CT

Lumen Maintenance Diagram - MASTERC CDM-T 150W/942 G12 1CT



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