



Beautiful sparkle, reliable life

MASTERColour CDM-T

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

Benefits

- Stable color impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation
- Long lamp life compared with incandescent and halogen lamps
- Relatively low heat output enhances comfort for shoppers and staff
- All types are UV-Block for reduced fading risks

Features

- Crisp white light
- Superior color quality
- Allows small-size luminaires designs that give high beam intensities

Application

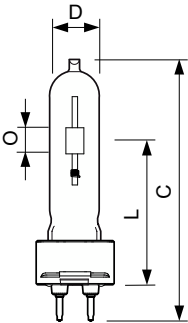
- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting and pedestrian areas

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.

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Dimensional drawing



| Product | D (max) | D | O | L (min) | L (max) | L | C (max) |
|-------------------------------------|---------|---------|------|---------|---------|-------|---------|
| MASTERC CDM-T 150W/830 G12 1CT | 20 mm | 0.75 in | 9 mm | 55 mm | 57 mm | 56 mm | 110 mm |
| MASTERC CDM-T 150W/942 G12 1CT | 20 mm | 0.75 in | 8 mm | 55 mm | 57 mm | 56 mm | 110 mm |
| MASTERC CDM-T 35W/830 G12 1CT/12 | 20 mm | 0.75 in | 5 mm | 55 mm | 57 mm | 56 mm | 103 mm |
| MASTERC CDM-T 35W/842 G12 1CT/12 | 20 mm | 0.75 in | 5 mm | 55 mm | 57 mm | 56 mm | 103 mm |
| MASTERC CDM-T 70W/830 G12 1CT/12 | 20 mm | 0.75 in | 7 mm | 55 mm | 57 mm | 56 mm | 103 mm |
| MASTERC CDM-T 70W/942 G12 1CT/12 | 20 mm | 0.75 in | 6 mm | 55 mm | 57 mm | 56 mm | 103 mm |

| General Information | |
|------------------------|-----------|
| Cap base | G12 |
| Operating position | UNIVERSAL |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Lamp Finish | Clear |
| Bulb shape | T19 |

Light Technical

| Order Code | Full Product Name | Chromaticity | Chromaticity | Correlated Colour | | Colour | Luminous efficacy | |
|--------------|-------------------------------------|-----------------------|-----------------------|--------------------|-------------------|--------------------------|-------------------|---------------|
| | | Coordinate X (Nom) | Coordinate Y (Nom) | Colour designation | Temperature (Nom) | rendering index (CRI) | (rated) (nom.) | Luminous Flux |
| 928082305125 | MASTERC CDM-T 70W/830 G12 1CT/12 | 0.434 | 0.398 | Warm White (WW) | 3000 K | 84 | 85 lm/W | 6,200 lm |
| 928083105125 | MASTERC CDM-T 35W/830 G12 1CT/12 | 0.434 | 0.398 | Warm White (WW) | 3000 K | 83 | 79 lm/W | 3,100 lm |
| 928083705125 | MASTERC CDM-T 150W/830 G12 1CT | 0.434 | 0.398 | Warm White (WW) | 3000 K | 88 | 88 lm/W | 13,000 lm |
| 928084505131 | MASTERC CDM-T 70W/942 G12 1CT/12 | 0.371 | 0.366 | Cool White (CW) | 4200 K | 92 | 85 lm/W | 6,200 lm |
| 928084605131 | MASTERC CDM-T 150W/942 G12 1CT | 0.371 | 0.366 | Cool White (CW) | 4200 K | 96 | 82 lm/W | 12,100 lm |
| 928094305125 | MASTERC CDM-T 35W/842 G12 1CT/12 | 0.371 | 0.366 | Cool White (CW) | 4200 K | 84 | 77 lm/W | 3,000 lm |

Operating and Electrical

| Order Code | Full Product Name | Voltage (nom.) | Power Consumption |
|--------------|-------------------------------------|-------------------|----------------------|
| 928082305125 | MASTERC CDM-T 70W/830 G12 1CT/12 | 88 V | 73.2 W |

| Order Code | Full Product Name | Voltage (nom.) | Power Consumption |
|--------------|-------------------------------------|-------------------|----------------------|
| 928083105125 | MASTERC CDM-T 35W/830 G12 1CT/12 | 82 V | 39.1 W |

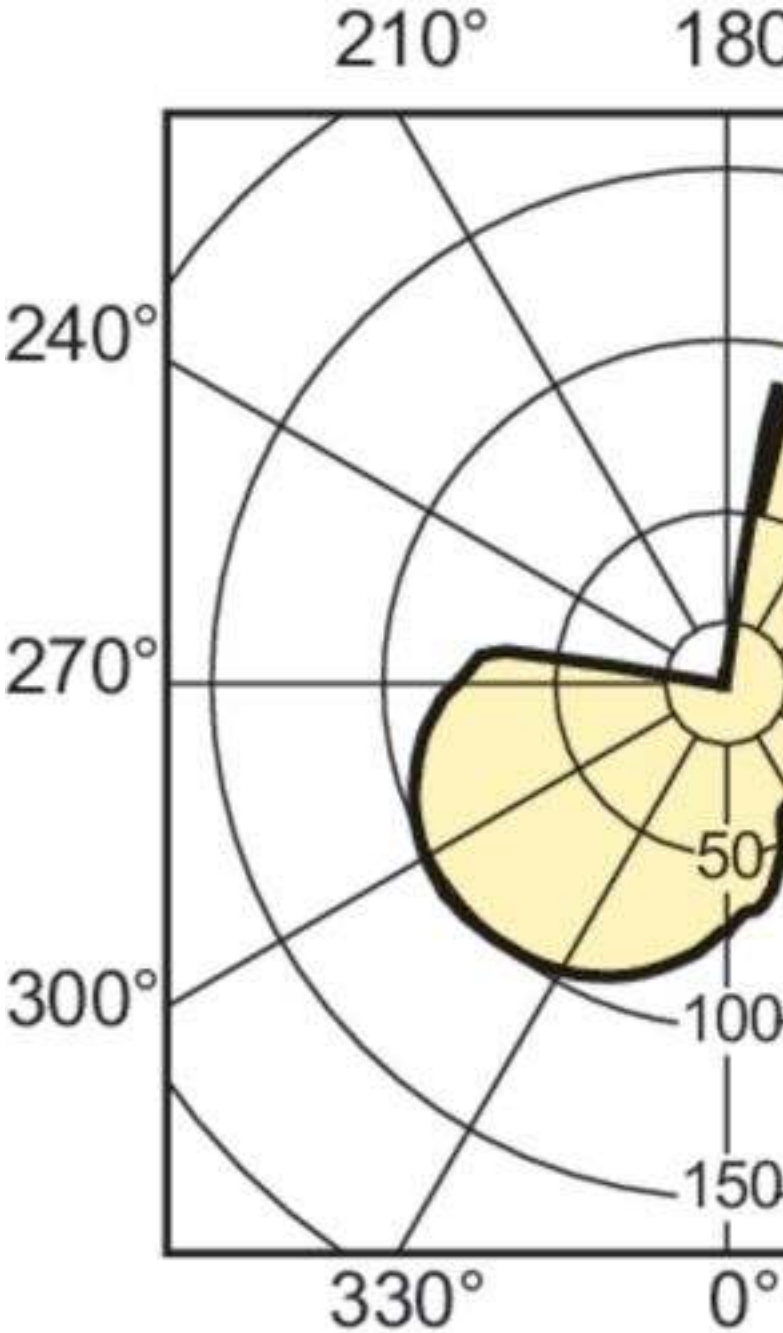
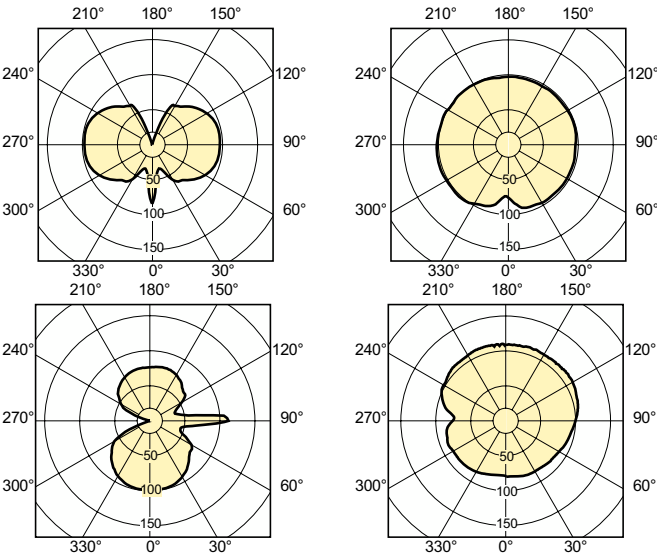
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| Order Code | Full Product Name | Voltage (nom.) | Power Consumption |
|--------------|----------------------------------|----------------|-------------------|
| 928083705125 | MASTERC CDM-T 150W/830 G12 1CT | 96 V | 150.1 W |
| 928084505131 | MASTERC CDM-T 70W/942 G12 1CT/12 | 88 V | 73.2 W |

| Order Code | Full Product Name | Voltage (nom.) | Power Consumption |
|--------------|----------------------------------|----------------|-------------------|
| 928084605131 | MASTERC CDM-T 150W/942 G12 1CT | 90 V | 150.1 W |
| 928094305125 | MASTERC CDM-T 35W/842 G12 1CT/12 | 85 V | 39.1 W |

Approval and Application

| Order Code | Full Product Name | Energy consumption kWh/1,000 hours | Mercury (Hg) content (max.) | Mercury (Hg) content (nom.) |
|--------------|----------------------------------|------------------------------------|-----------------------------|-----------------------------|
| 928082305125 | MASTERC CDM-T 70W/830 G12 1CT/12 | 74 kWh | 4.6 mg | 4.6 mg |
| 928083105125 | MASTERC CDM-T 35W/830 G12 1CT/12 | 40 kWh | 3.2 mg | 3.1 mg |
| 928083705125 | MASTERC CDM-T 150W/830 G12 1CT | 151 kWh | 14.3 mg | 14.3 mg |
| 928084505131 | MASTERC CDM-T 70W/942 G12 1CT/12 | 74 kWh | 6.1 mg | 6.1 mg |
| 928084605131 | MASTERC CDM-T 150W/942 G12 1CT | 151 kWh | 10.4 mg | 10.4 mg |
| 928094305125 | MASTERC CDM-T 35W/842 G12 1CT/12 | 40 kWh | 2.7 mg | 2.7 mg |



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