



# Perfect sparkle, unrivalled efficiency

## MASTERColour CDM-T Elite

Single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high color rendering

### Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Stable color and lumen output over life keeps your store attractive season after season
- Lowest Total Cost of Ownership as a result of high efficacy (same light, less energy or same energy, more light) and long life

### Features

- Crisp white sparkling light
- Excellent color rendering, with extra red
- High efficacy with unparalleled lumen maintenance
- Stable color performance over lifetime
- UV-blocking glass

### Application

- Accent and display lighting in retail
- General and decorative indoor lighting
- Outdoor area lighting

**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
- Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic 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.

**Versions**



LPPR\_CDM-T-E\_150W\_930-Product photo



LPPR\_CDM-T-E\_100W\_G12-Product photo



LPPR\_CDM-T 0005

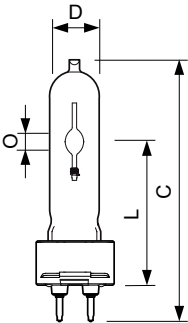


LPPR\_CDM-T-E\_0005-Product photo



LPPR\_CDM-T-E\_0006-Product photo

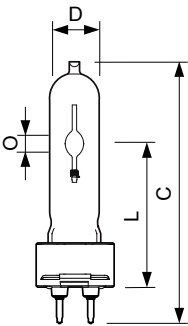
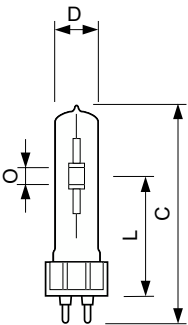
**Dimensional drawing**



| Product                     | D (max) | D O  | L (min) | L (max) | L     | C (max) |
|-----------------------------|---------|------|---------|---------|-------|---------|
| MASTERC CDM-T Elite 20W/830 | 20 mm   | 4 mm | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| G12 1CT/12                  |         |      |         |         |       |         |

# MASTERC colour CDM-T Elite

## Dimensional drawing



| Product                                 | D (max) | O    | L (min) | L (max) | L     | C (max) |
|-----------------------------------------|---------|------|---------|---------|-------|---------|
| MASTERC CDM-T Elite 150W/930 G12 1CT/12 | 20 mm   | 9 mm | 55 mm   | 57 mm   | 56 mm | 110 mm  |

| Product                                 | D (max) | O       | L (min) | L (max) | L     | C (max) |
|-----------------------------------------|---------|---------|---------|---------|-------|---------|
| MASTERC CDM-T Elite 100W/930 G12 1CT/12 | 20 mm   | 8.5 mm  | 55 mm   | 57 mm   | 56 mm | 110 mm  |
| MASTERC CDM-T Elite 35W/930 G12 1CT/12  | 20 mm   | 4.8 mm  | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| MASTERC CDM-T Elite 35W/930 G12 1CT/12  | 20 mm   | 4.8 mm  | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| MASTERC CDM-T Elite 35W/942 G12 1CT     | 20 mm   | 5.2 mm  | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| MASTERC CDM-T Elite 35W/942 G12 1CT     | 20 mm   | 5.2 mm  | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| MASTERC CDM-T Elite 50W/930 G12 1CT/12  | 20 mm   | 6 mm    | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| MASTERC CDM-T Elite 50W/942 G12 1CT     | 20 mm   | 7.1 mm  | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| MASTERC CDM-T Elite 70W/930 G12 1CT/12  | 20 mm   | 7.15 mm | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| MASTERC CDM-T Elite 70W/930 G12 1CT/12  | 20 mm   | 7.15 mm | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| MASTERC CDM-T Elite 70W/942 G12 1CT     | 20 mm   | 7.75 mm | 55 mm   | 57 mm   | 56 mm | 103 mm  |
| MASTERC CDM-T Elite 70W/942 G12 1CT     | 20 mm   | 7.75 mm | 55 mm   | 57 mm   | 56 mm | 103 mm  |

| General Information    |       |
|------------------------|-------|
| Cap-Base               | G12   |
| Controls and Dimming   |       |
| Dimmable               | No    |
| Mechanical and Housing |       |
| Bulb Finish            | Clear |
| Bulb Shape             | T19   |

## General Information

| Order Code   | Full Product Name                       | Operating Position |
|--------------|-----------------------------------------|--------------------|
| 928094705125 | MASTERC CDM-T Elite 150W/930 G12 1CT/12 | P10                |

| Order Code   | Full Product Name                       | Operating Position |
|--------------|-----------------------------------------|--------------------|
| 928183205125 | MASTERC CDM-T Elite 100W/930 G12 1CT/12 | UNIVERSAL          |

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| Order Code   | Full Product Name                      | Operating Position |
|--------------|----------------------------------------|--------------------|
| 928183305125 | MASTERC CDM-T Elite 20W/830 G12 1CT/12 | UNIVERSAL          |
| 928185205129 | MASTERC CDM-T Elite 35W/930 G12 1CT/12 | UNIVERSAL          |
| 928185205131 | MASTERC CDM-T Elite 35W/930 G12 1CT/12 | UNIVERSAL          |
| 928193605129 | MASTERC CDM-T Elite 35W/942 G12 1CT    | UNIVERSAL          |
| 928193605131 | MASTERC CDM-T Elite 35W/942 G12 1CT    | UNIVERSAL          |
| 928185305129 | MASTERC CDM-T Elite 70W/930 G12 1CT/12 | UNIVERSAL          |

| Order Code   | Full Product Name                      | Operating Position |
|--------------|----------------------------------------|--------------------|
| 928185305131 | MASTERC CDM-T Elite 70W/930 G12 1CT/12 | UNIVERSAL          |
| 928193705129 | MASTERC CDM-T Elite 70W/942 G12 1CT    | UNIVERSAL          |
| 928193705131 | MASTERC CDM-T Elite 70W/942 G12 1CT    | UNIVERSAL          |
| 928080015131 | MASTERC CDM-T Elite 50W/942 G12 1CT    | UNIVERSAL          |
| 928191705131 | MASTERC CDM-T Elite 50W/930 G12 1CT/12 | UNIVERSAL          |

Light Technical

| Order Code   | Full Product Name                       | Chromaticity | Chromaticity | Color Designation | Correlated Color | Color       | Luminous Efficacy | Luminous Flux |
|--------------|-----------------------------------------|--------------|--------------|-------------------|------------------|-------------|-------------------|---------------|
|              |                                         | Coordinate X | Coordinate Y |                   | Temperature      | rendering   |                   |               |
|              |                                         | (Nom)        | (Nom)        |                   | (Nom)            | index (CRI) | (rated) (Nom)     |               |
| 928094705125 | MASTERC CDM-T Elite 150W/930 G12 1CT/12 | 0.434        | 0.398        | Warm White (WW)   | 3000 K           | 92          | 98 lm/W           | 14,600 lm     |
| 928183205125 | MASTERC CDM-T Elite 100W/930 G12 1CT/12 | 0.434        | 0.398        | Warm White (WW)   | 3000 K           | 92          | 110 lm/W          | 11,000 lm     |
| 928183305125 | MASTERC CDM-T Elite 20W/830 G12 1CT/12  | 0.434        | 0.398        | Warm White (WW)   | 3000 K           | 84          | 90 lm/W           | 1,800 lm      |
| 928185205129 | MASTERC CDM-T Elite 35W/930 G12 1CT/12  | 0.435        | 0.395        | Warm White (WW)   | 3000 K           | 90          | 98 lm/W           | -             |
| 928185205131 | MASTERC CDM-T Elite 35W/930 G12 1CT/12  | 0.434        | 0.398        | Warm White (WW)   | 3000 K           | 90          | 98 lm/W           | 4,050 lm      |
| 928193605129 | MASTERC CDM-T Elite 35W/942 G12 1CT     | 0.366        | 0.364        | Cool White (CW)   | 4200 K           | 90          | 98 lm/W           | -             |
| 928193605131 | MASTERC CDM-T Elite 35W/942 G12 1CT     | 0.371        | 0.366        | Cool White (CW)   | 4200 K           | 90          | 98 lm/W           | 3,850 lm      |
| 928185305129 | MASTERC CDM-T Elite 70W/930 G12 1CT/12  | 0.435        | 0.396        | Warm White (WW)   | 3000 K           | 90          | 103 lm/W          | -             |
| 928185305131 | MASTERC CDM-T Elite 70W/930 G12 1CT/12  | 0.434        | 0.398        | Warm White (WW)   | 3000 K           | 90          | 103 lm/W          | 7,800 lm      |
| 928193705129 | MASTERC CDM-T Elite 70W/942 G12 1CT     | 0.362        | 0.363        | Cool White (CW)   | 4200 K           | 90          | 100 lm/W          | -             |
| 928193705131 | MASTERC CDM-T Elite 70W/942 G12 1CT     | 0.371        | 0.366        | Cool White (CW)   | 4200 K           | 90          | 100 lm/W          | 7,500 lm      |
| 928080015131 | MASTERC CDM-T Elite 50W/942 G12 1CT     | 0.371        | 0.366        | Cool White (CW)   | 4200 K           | 90          | 100 lm/W          | 5,000 lm      |
| 928191705131 | MASTERC CDM-T Elite 50W/930 G12 1CT/12  | 0.434        | 0.398        | Warm White (WW)   | 3000 K           | 90          | 108 lm/W          | 5,450 lm      |

Operating and Electrical

| Order Code   | Full Product Name                       | Voltage | Power       |
|--------------|-----------------------------------------|---------|-------------|
|              |                                         | (Nom)   | Consumption |
| 928094705125 | MASTERC CDM-T Elite 150W/930 G12 1CT/12 | 92 V    | 150.1 W     |
| 928183205125 | MASTERC CDM-T Elite 100W/930 G12 1CT/12 | 88 V    | 100.1 W     |
| 928183305125 | MASTERC CDM-T Elite 20W/830 G12 1CT/12  | 95 V    | 20.1 W      |
| 928185205129 | MASTERC CDM-T Elite 35W/930 G12 1CT/12  | 85 V    | 39.1 W      |

| Order Code   | Full Product Name                      | Voltage | Power       |
|--------------|----------------------------------------|---------|-------------|
|              |                                        | (Nom)   | Consumption |
| 928185205131 | MASTERC CDM-T Elite 35W/930 G12 1CT/12 | 85 V    | 39.1 W      |
| 928193605129 | MASTERC CDM-T Elite 35W/942 G12 1CT    | 90 V    | 39.1 W      |
| 928193605131 | MASTERC CDM-T Elite 35W/942 G12 1CT    | 90 V    | 39.1 W      |
| 928185305129 | MASTERC CDM-T Elite 70W/930 G12 1CT/12 | 85 V    | 73.2 W      |

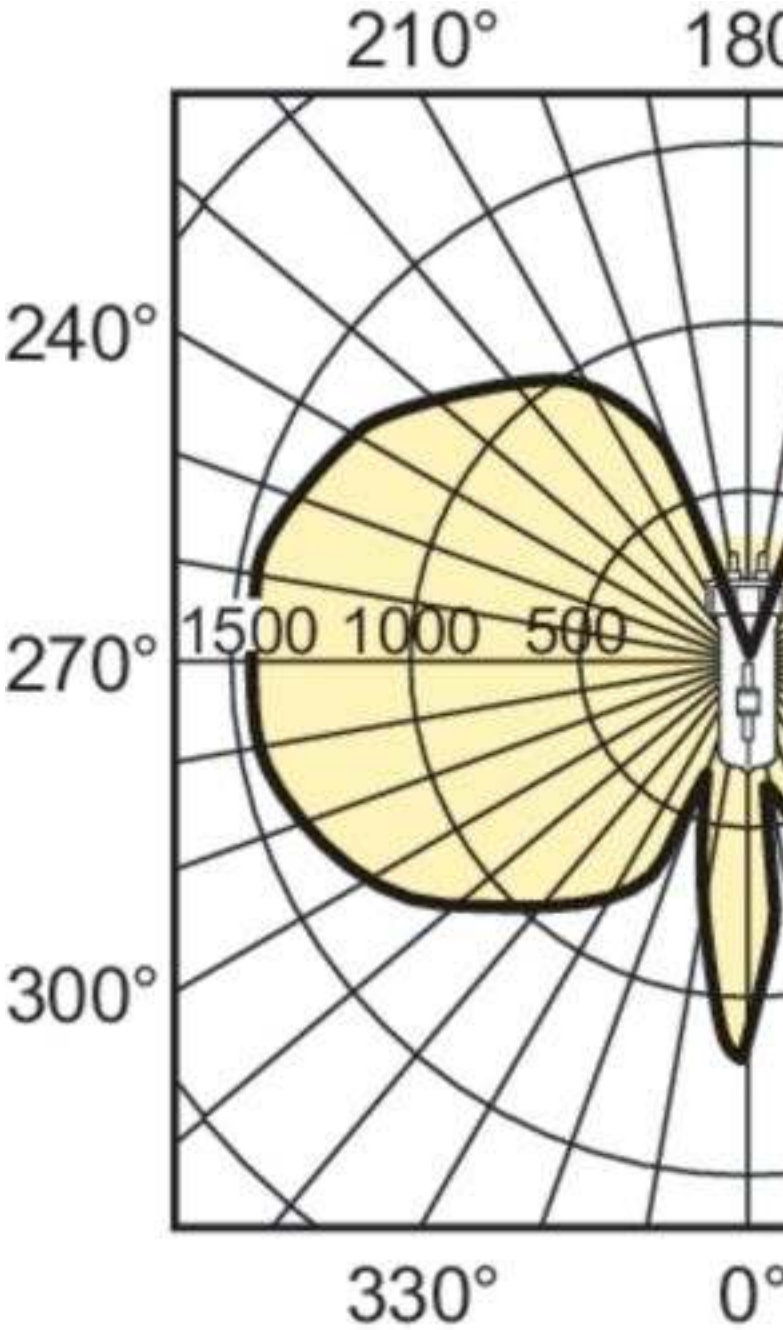
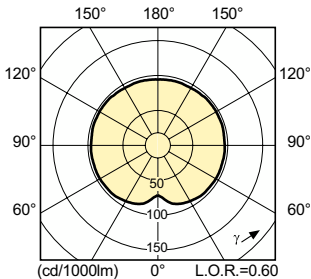
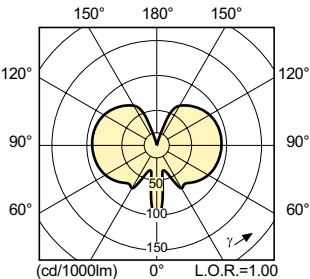
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| Order Code   | Full Product Name                      | Voltage (Nom) | Power Consumption |
|--------------|----------------------------------------|---------------|-------------------|
| 928185305131 | MASTERC CDM-T Elite 70W/930 G12 1CT/12 | 85 V          | 73.2 W            |
| 928193705129 | MASTERC CDM-T Elite 70W/942 G12 1CT    | 87 V          | 73.2 W            |
| 928193705131 | MASTERC CDM-T Elite 70W/942 G12 1CT    | 87 V          | 73.2 W            |

| Order Code   | Full Product Name                      | Voltage (Nom) | Power Consumption |
|--------------|----------------------------------------|---------------|-------------------|
| 928080015131 | MASTERC CDM-T Elite 50W/942 G12 1CT    | 91 V          | 50.2 W            |
| 928191705131 | MASTERC CDM-T Elite 50W/930 G12 1CT/12 | 90 V          | 50.2 W            |

Approval and Application

| Order Code   | Full Product Name                       | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Max) | Mercury (Hg) Content (Nom) |
|--------------|-----------------------------------------|-------------------------------|----------------------------|----------------------------|
| 928094705125 | MASTERC CDM-T Elite 150W/930 G12 1CT/12 | 151 kWh                       | 9.5 mg                     | 9.5 mg                     |
| 928183205125 | MASTERC CDM-T Elite 100W/930 G12 1CT/12 | 101 kWh                       | 10.1 mg                    | 10.1 mg                    |
| 928183305125 | MASTERC CDM-T Elite 20W/830 G12 1CT/12  | 21 kWh                        | 3.5 mg                     | 3.5 mg                     |
| 928185205129 | MASTERC CDM-T Elite 35W/930 G12 1CT/12  | 43 kWh                        | -                          | 4.7 mg                     |
| 928185205131 | MASTERC CDM-T Elite 35W/930 G12 1CT/12  | 40 kWh                        | 4.7 mg                     | 4.7 mg                     |
| 928193605129 | MASTERC CDM-T Elite 35W/942 G12 1CT     | 43 kWh                        | -                          | 4.9 mg                     |
| 928193605131 | MASTERC CDM-T Elite 35W/942 G12 1CT     | 40 kWh                        | 4.9 mg                     | 4.9 mg                     |
| 928185305129 | MASTERC CDM-T Elite 70W/930 G12 1CT/12  | 80 kWh                        | -                          | 6.6 mg                     |
| 928185305131 | MASTERC CDM-T Elite 70W/930 G12 1CT/12  | 74 kWh                        | 6.6 mg                     | 6.6 mg                     |
| 928193705129 | MASTERC CDM-T Elite 70W/942 G12 1CT     | 80 kWh                        | -                          | 6.6 mg                     |
| 928193705131 | MASTERC CDM-T Elite 70W/942 G12 1CT     | 74 kWh                        | 6.6 mg                     | 6.6 mg                     |
| 928080015131 | MASTERC CDM-T Elite 50W/942 G12 1CT     | 51 kWh                        | 5.7 mg                     | 5.7 mg                     |
| 928191705131 | MASTERC CDM-T Elite 50W/930 G12 1CT/12  | 51 kWh                        | 6.6 mg                     | 6.6 mg                     |



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