



# Product Description

## MASTERColour CDM-T Elite

Single-ended, high-efficiency Ceramic Metal Halide discharge lamp

### Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Outstanding rendering of displayed merchandise due to high colour rendering (Ra 90) in combination with high lumen output; best offer in the market for 'enhancing merchandize'
- Stable color and lumen output over life keeps your store attractive season after season
- Excellent colour quality, which remains stable over lifetime
- Lowest Total Cost of Ownership as a result of high efficacy (same light, less energy or same energy, more light) and long life
- Light output over lifetime maintains display brightness
- High efficacy and long lifetime for lowest operating costs and low heat generation
- Relatively low heat generation enhances comfort for shoppers and staff
- UV Block for reduced fading risk of merchandise

## Features

- Crisp white sparkling light
- Crisp white light
- Excellent color rendering, with extra red
- Excellent colour rendering (Ra 90)
- High efficacy with unparalleled lumen maintenance
- Reliable lifetime performance
- Stable color performance over lifetime
- Stable colour performance during lifetime
- UV-blocking glass
- Increased light output compared with regular MASTERColour lamps
- Improved maintenance compared with regular MASTERColour lamps
- Burning position for
- CDM Elite-T 35W: vertical +/- 60 degrees
- CDM Elite-T 70W: universal

## Application

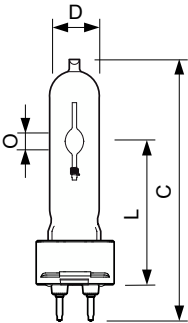
- Accent and display lighting in retail
- Accent and display lighting with a sparkling effect, excellent solution for Retail
- General and decorative indoor lighting
- Decorative outdoor floodlighting
- Outdoor area lighting

## Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- 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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# MASTERC colour CDM-T Elite

## Dimensional drawing



| Product                                | D (max) | O       | L (min) | L (max) | L     | C (max) |
|----------------------------------------|---------|---------|---------|---------|-------|---------|
| 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 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  |

| General Information         |           |
|-----------------------------|-----------|
| Cap-Base                    | G12       |
| Operating Position          | UNIVERSAL |
| Light Technical             |           |
| Color rendering index (CRI) | 90        |
| Controls and Dimming        |           |
| Dimmable                    | No        |
| Mechanical and Housing      |           |
| Bulb Finish                 | Clear     |
| Bulb Shape                  | T19       |

## Light Technical

| Order Code   | Full Product Name                      | Chromaticity       | Chromaticity       | Color Designation | Correlated Color Temperature (Nom) | Luminous Efficacy |               |
|--------------|----------------------------------------|--------------------|--------------------|-------------------|------------------------------------|-------------------|---------------|
|              |                                        | Coordinate X (Nom) | Coordinate Y (Nom) |                   |                                    | (rated) (Nom)     | Luminous Flux |
| 928185205129 | MASTERC CDM-T Elite 35W/930 G12 1CT/12 | 0.435              | 0.395              | Warm White (WW)   | 3000 K                             | 98 lm/W           | -             |
| 928193605129 | MASTERC CDM-T Elite 35W/942 G12 1CT    | 0.366              | 0.364              | Cool White (CW)   | 4200 K                             | 98 lm/W           | -             |
| 928193605131 | MASTERC CDM-T Elite 35W/942 G12 1CT    | 0.371              | 0.366              | Cool White (CW)   | 4200 K                             | 98 lm/W           | 3,850 lm      |
| 928185305131 | MASTERC CDM-T Elite 70W/930 G12 1CT/12 | 0.434              | 0.398              | Warm White (WW)   | 3000 K                             | 103 lm/W          | 7,800 lm      |
| 928193705129 | MASTERC CDM-T Elite 70W/942 G12 1CT    | 0.362              | 0.363              | Cool White (CW)   | 4200 K                             | 100 lm/W          | -             |

## Operating and Electrical

| Order Code   | Full Product Name                      | Voltage (Nom) | Power Consumption |
|--------------|----------------------------------------|---------------|-------------------|
| 928185205129 | MASTERC CDM-T Elite 35W/930 G12 1CT/12 | 85 V          | 39.1 W            |

| Order Code   | Full Product Name                   | Voltage (Nom) | Power Consumption |
|--------------|-------------------------------------|---------------|-------------------|
| 928193605129 | MASTERC CDM-T Elite 35W/942 G12 1CT | 90 V          | 39.1 W            |

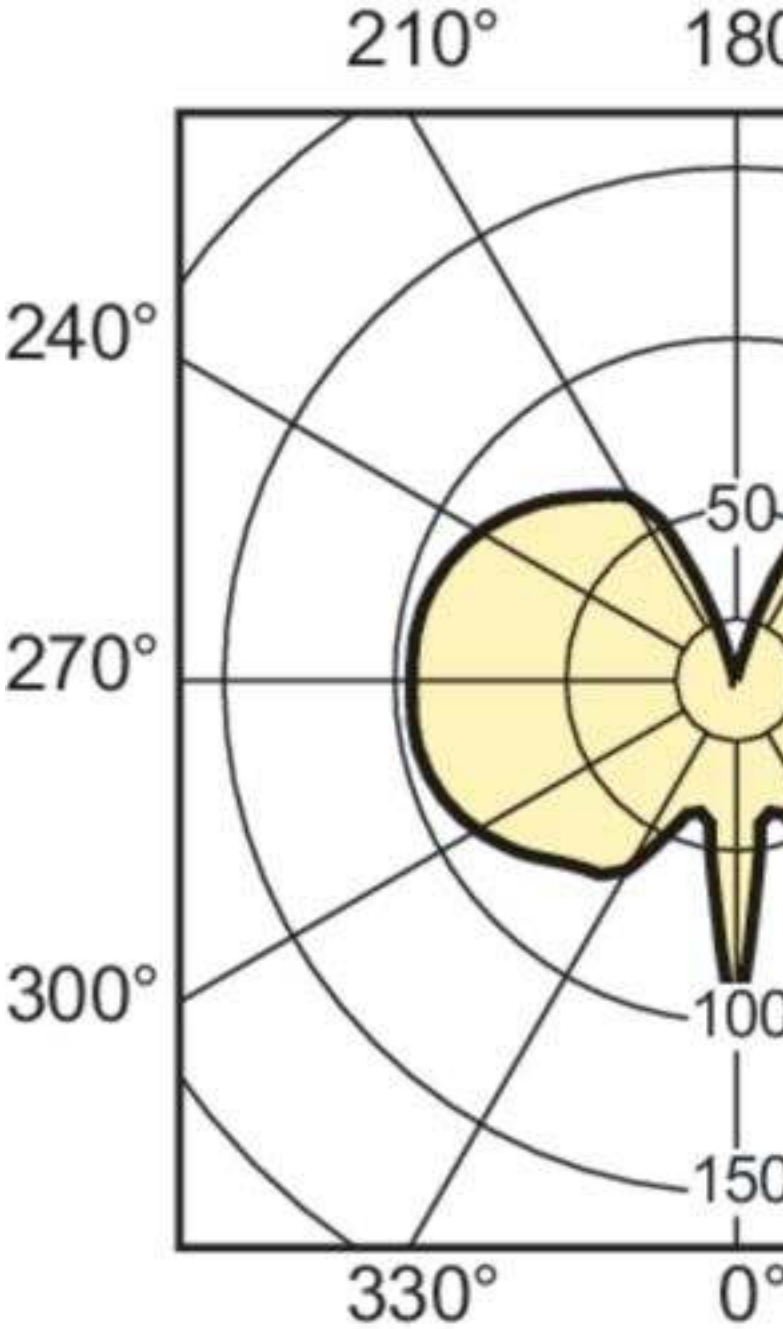
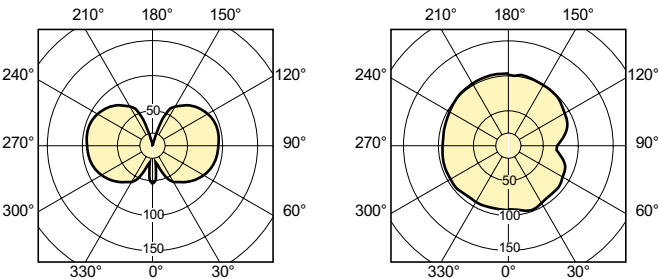
MASTERC colour CDM-T Elite

| Order Code   | Full Product Name                      | Voltage (Nom) | Power Consumption |
|--------------|----------------------------------------|---------------|-------------------|
| 928193605131 | MASTERC CDM-T Elite 35W/942 G12 1CT    | 90 V          | 39.1 W            |
| 928185305131 | MASTERC CDM-T Elite 70W/930 G12 1CT/12 | 85 V          | 73.2 W            |

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

Approval and Application

| Order Code   | Full Product Name                      | Energy Consumption kWh/1000 h | Mercury (Hg) Content (Max) | Mercury (Hg) Content (Nom) |
|--------------|----------------------------------------|-------------------------------|----------------------------|----------------------------|
| 928185205129 | MASTERC CDM-T Elite 35W/930 G12 1CT/12 | 43 kWh                        | -                          | 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                     |
| 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                     |



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