



# MASTERCcolour CDM-T Elite

## MasterC CDM-T Elite 35W/930 G12 1CT/12

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

### 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.

### Product data

| General Information                 |                                  | Arc Length O (Nom)       |          |
|-------------------------------------|----------------------------------|--------------------------|----------|
| Cap base                            | G12                              | 4.8 mm                   |          |
| Operating position                  | UNIVERSAL [Any or Universal (U)] | Operating and Electrical |          |
| Flux measurement reference          | Sphere                           | Power Consumption        | 39.1 W   |
| Life to 50% failures (nom.)         | 20,000 h                         | Voltage (nom.)           | 85 V     |
| Light Technical                     |                                  | Controls and Dimming     |          |
| Colour Code                         | 930 [CCT of 3000K]               | Dimmable                 | No       |
| Luminous Flux                       | 4,050 lm                         | Mechanical and Housing   |          |
| Colour designation                  | Warm White (WW)                  | Lamp Finish              | Clear    |
| Chromaticity Coordinate X (Nom)     | 0.434                            | Bulb shape               | T19      |
| Chromaticity Coordinate Y (Nom)     | 0.398                            | Net Weight (Piece)       | 0.028 kg |
| Correlated Colour Temperature (Nom) | 3000 K                           |                          |          |
| Luminous efficacy (rated) (nom.)    | 98 lm/W                          |                          |          |
| Colour rendering index (CRI)        | 90                               |                          |          |

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## Approval and Application

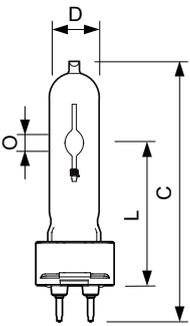
|                                    |        |
|------------------------------------|--------|
| Energy Efficiency Class            | F      |
| Mercury (Hg) content (max.)        | 4.7 mg |
| Mercury (Hg) content (nom.)        | 4.7 mg |
| Energy consumption kWh/1,000 hours | 40 kWh |
| EPREL Registration Number          | 473258 |

## Product Data

|                    |  |
|--------------------|--|
| Order product name | MASTERC CDM-T Elite 35W/930 G12 1CT/12 |
| Full product name  | MasterC CDM-T Elite 35W/930 G12 1CT/12 |

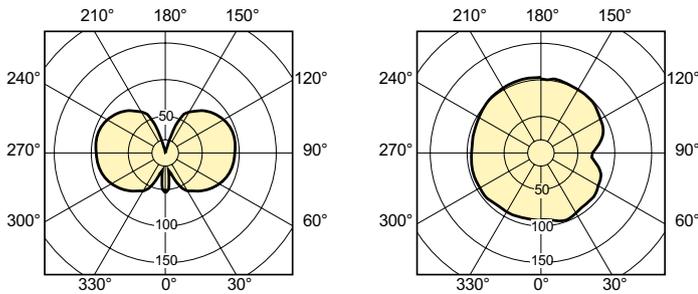
|                                 |                 |
|---------------------------------|-----------------|
| Full EOC                        | 872790091137400 |
| Order code                      | 91137400        |
| Material no. (12 NC)            | 928185205131    |
| Local order code                | 35CDMTELITE930  |
| Numerator – quantity per pack   | 1               |
| EAN/UPC – Product/Case          | 8727900911374   |
| Numerator – packs per outer box | 12              |
| EAN/UPC – Case                  | 8727900911381   |

## Dimensional drawing

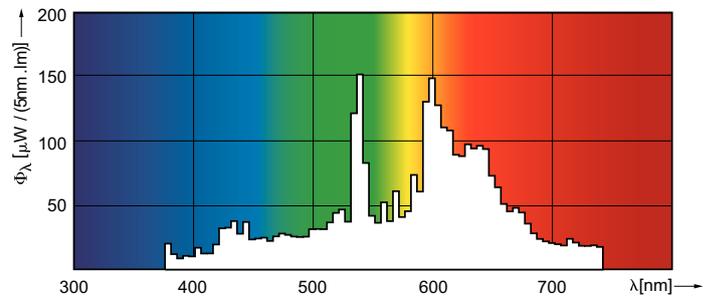


| Product                                   | D (max) | O      | L (min) | L (max) | L     | C (max) |
|---|---------|--------|---------|---------|-------|---------|
| MASTERC CDM-T Elite 35W/930<br>G12 1CT/12 | 20 mm   | 4.8 mm | 55 mm   | 57 mm   | 56 mm | 103 mm  |

## Photometric data



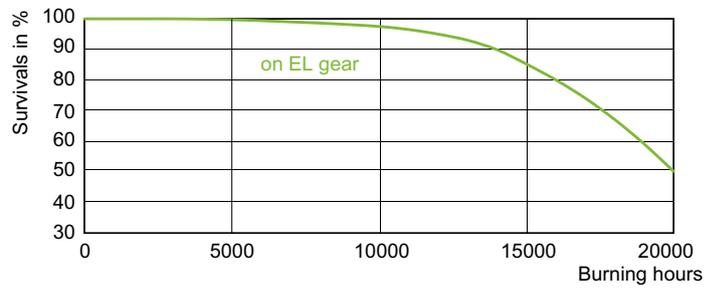
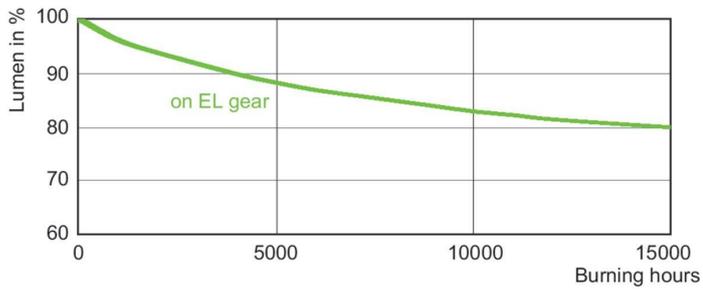
Light Distribution Diagram - MASTERC CDM-T Elite 35W/930 G12 1CT/12



Spectral Power Distribution Colour - MASTERC CDM-T Elite 35W/930 G12 1CT/12

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## Lifetime



Lumen Maintenance Diagram - MASTER CDM-T Elite 35W/930 G12 1CT/12

LDLE\_CDM-T-E\_0006-Life expectancy diagram

