



MASTERCcolour CDM-T Elite

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

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

Product data

| General Information | |
|-----------------------------|----------------------------|
| Cap base | G12 [G12] |
| Operating position | UNIVERSAL [Any/Universal] |
| Life to 5% failures (nom.) | 12000 h |
| Life to 10% failures (nom.) | 14000 h |
| Life to 20% failures (nom.) | 16000 h |
| Life to 50% failures (nom.) | 20000 h |
| ANSI code HID | C130/E |

| Light Technical | |
|---------------------------------------|-----------------------|
| Colour code | 930 [CCT of 3,000 K] |
| Luminous flux (rated) (nom.) | 4050 lm |
| Colour designation | Warm white (WW) |
| Lumen maintenance 1,000 hours (nom.) | 95 % |
| Lumen maintenance 12,000 hours (nom.) | 80 % |
| Lumen maintenance 10,000 hours (nom.) | 83 % |
| Lumen maintenance 2,000 hours (nom.) | 93 % |
| Lumen maintenance 4,000 hours (nom.) | 90 % |
| Lumen maintenance 5,000 hours (nom.) | 88 % |
| Chromaticity coordinate X (nom.) | 0.435 |
| Chromaticity coordinate Y (nom.) | 0.395 |
| Correlated colour temperature (nom.) | 3000 K |
| Luminous efficacy (rated) (nom.) | 98 lm/W |

| | |
|------------------------------|----|
| Color rendering index (min.) | 87 |
| Color rendering index (nom.) | 90 |

| Operating and Electrical | |
|--------------------------------|---------|
| Power (Rated) (Nom) | 39.0 W |
| Lamp current run-up (max.) | 1 A |
| Lamp current (EM) (nom.) | 0.500 A |
| Ignition supply voltage (max.) | 198 V |
| Ignition peak voltage (max.) | 5000 V |
| Ignition supply voltage (min.) | 198 V |
| Re-ignition time (min.) (max.) | 15 min |
| Ignition time (max.) | 30 s |
| Voltage (Max) | 90 V |
| Voltage (Min) | 80 V |
| Voltage (Nom) | 85 V |

| Controls and Dimming | |
|------------------------|---------|
| Dimmable | no |
| Run-up time 90% (max.) | 3 min |
| Run-up time 90% (nom.) | 1.5 min |

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Mechanical and Housing

Bulb finish Clear

Approval and Application

Energy efficiency label (EEL) A+
 Mercury (Hg) content (nom.) 4.7 mg
 Energy Consumption kWh/1000 h 43 kWh

UV

PET (NIOSH) (min.) 8 h/500lx
 Damage factor D/fc (max.) 0.3

Luminaire Design Requirements

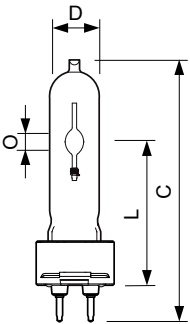
Bulb temperature (max.) 500 °C
 Cap base temperature (max.) 250 °C
 Pinch temperature (max.) 350 °C

Product Data

Full product code 872790091137400
 Order product name MASTERC colour CDM-T Elite 35W/930 G12 1CT/12
 EAN/UPC – product 8727900911374
 Order code 91137400
 Local Code 35CDMTELITE930
 Numerator – quantity per pack 1
 Numerator – packs per outer box 12
 Material no. (12NC) 928185205131
 Net weight (piece) 0.028 kg
 ILCOS Code MT/UB-35/930-H-G12-20/90

Warnings and Safety

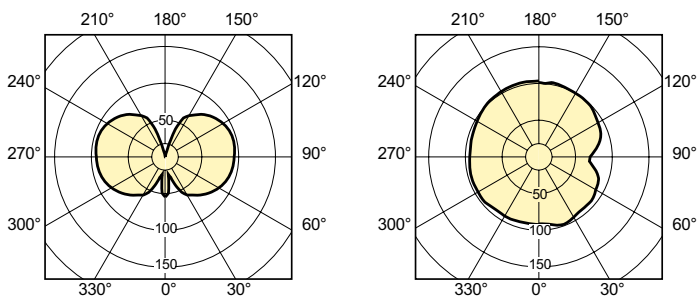
Dimensional drawing



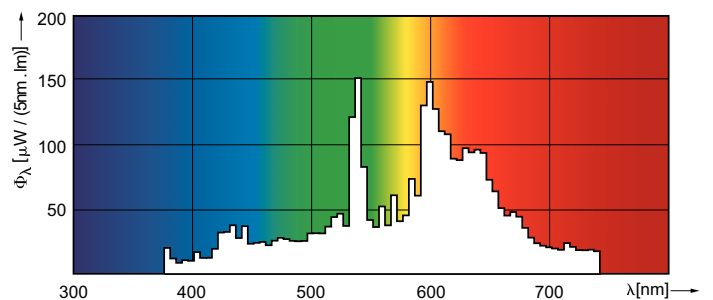
CDM-T Elite 35W/930 G12

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

Photometric data

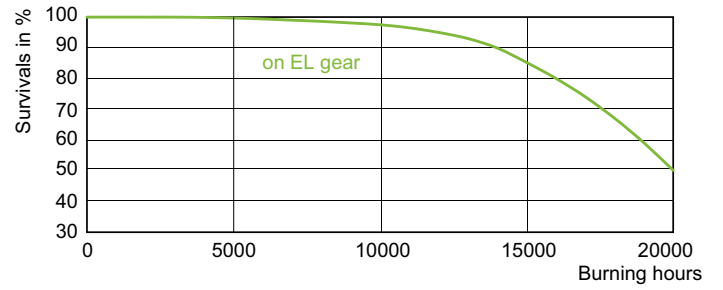


LDLD_CDM-T-E_0001-Light distribution diagram



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Lifetime



LDLE_CDM-T-E_0006-Life expectancy diagram

