



# MASTERColour CDM-T

## MASTERColour CDM-T 150W/942 G12 1CT

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

### Product data

| General Information                   |                            |
|---------------------------------------|----------------------------|
| Cap base                              | G12 [ G12]                 |
| Bulb shape                            | T19 [ T 19mm]              |
| Operating position                    | UNIVERSAL [ Any/Universal] |
| Life to 5% failures (nom.)            | 9000 h                     |
| Life to 10% failures (nom.)           | 10000 h                    |
| Life to 20% failures (nom.)           | 11000 h                    |
| Life to 50% failures (nom.)           | 12000 h                    |
| ANSI code HID                         | C142/E                     |
| Light Technical                       |                            |
| Luminous flux (rated) (nom.)          | 12000 lm                   |
| Colour designation                    | Cool White (CW)            |
| Lumen maintenance 10,000 hours (nom.) | 70 %                       |
| Lumen maintenance 2,000 hours (min.)  | 75 %                       |
| Lumen maintenance 2,000 hours (nom.)  | 85 %                       |
| Lumen maintenance 5,000 hours (min.)  | 70 %                       |
| Lumen maintenance 5,000 hours (nom.)  | 80 %                       |
| Chromaticity coordinate X (nom.)      | 0.375                      |
| Chromaticity coordinate Y (nom.)      | 0.363                      |
| Correlated colour temperature (nom.)  | 4200 K                     |
| Luminous efficacy (rated) (nom.)      | 83 lm/W                    |
| Color rendering index (nom.)          | 96                         |

| Operating and Electrical       |            |
|--------------------------------|------------|
| Power (Rated) (Nom)            | 150 W      |
| Lamp current run-up (max.)     | 2.5 A      |
| Lamp current (EM) (nom.)       | 1.9 A      |
| Ignition supply voltage (max.) | 198 V      |
| Ignition peak voltage (max.)   | 5000 V     |
| Ignition supply voltage (min.) | 198 V      |
| Ignition peak voltage (min.)   | 3500 V     |
| Re-ignition time (min.) (max.) | 15 min     |
| Ignition time (max.)           | 30 s       |
| Voltage (Max)                  | 98 V       |
| Voltage (Min)                  | 82 V       |
| Voltage (Nom)                  | 90 V       |
| Controls and Dimming           |            |
| Dimmable                       | no         |
| Run-up time 90% (max.)         | 3 min      |
| Mechanical and Housing         |            |
| Bulb finish                    | Clear (CL) |
| Approval and Application       |            |
| Energy efficiency label (EEL)  | A          |
| Mercury (Hg) content (nom.)    | 10.4 mg    |

MASTERCoulour CDM-T

|                               |         |
|-------------------------------|---------|
| Energy Consumption kWh/1000 h | 165 kWh |
|-------------------------------|---------|

UV

|                           |           |
|---------------------------|-----------|
| PET (NIOSH) (min.)        | 8 h/500lx |
| Damage factor D/fc (max.) | 0.4       |

Luminaire Design Requirements

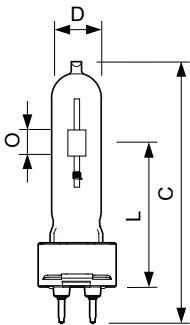
|                             |        |
|-----------------------------|--------|
| Bulb temperature (max.)     | 650 °C |
| Cap base temperature (max.) | 280 °C |
| Pinch temperature (max.)    | 350 °C |

Product Data

|                   |                 |
|-------------------|-----------------|
| Full product code | 871150020005115 |
|-------------------|-----------------|

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Order product name              | MASTERCoulour CDM-T 150W/942 G12 1CT |
| EAN/UPC – product               | 8711500200051                        |
| Order code                      | 20005115                             |
| Local Code                      | 150CDMT942                           |
| Numerator – quantity per pack   | 1                                    |
| Numerator – packs per outer box | 12                                   |
| Material no. (12NC)             | 928084605131                         |
| Net weight (piece)              | 0.033 kg                             |
| ILCOS Code                      | MT/UB-150/942-H-G12-21/100           |

Dimensional drawing



CDM-T 150W/942 G12

|         |   |   |   |   |   |   |   |
|---------|---|---|---|---|---|---|---|
| Product | D | D | O | L | L | L | C |
|---------|---|---|---|---|---|---|---|

