



# MasterColor CDM-T T6

## CDM150/T6/942 12PK

MasterColor CDM lamp gives a unique combination of unbeatable light quality and consistent performance over lifetime while keeping running costs low. The Philips MasterColor Tubular Single-Ended T6 lamp is a compact, energy efficient, ceramic metal halide lamp that provides crisp, sparkling light.

### Product data

| General Information             |                        |                                    |         |
|---------------------------------|------------------------|------------------------------------|---------|
| Base                            | G12 [ G12]             | Chromaticity Coordinate Y (Nom)    | 0.363   |
| Operating Position              | Universal [ Universal] | Correlated Color Temperature (Nom) | 4200 K  |
| Life to 5% Failures (Nom)       | 9000 h                 | Luminous Efficacy (rated) (Nom)    | 82 lm/W |
| Life To 10% Failures (Nom)      | 10000 h                | Color Rendering Index (Nom)        | 96      |
| Life to 20% Failures (Nom)      | 11000 h                |                                    |         |
| Life to 50% Failures (Nom)      | 12000 h                | Operating and Electrical           |         |
| ANSI Code HID                   | C142/E                 | Power (Rated) (Nom)                | 147 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    |
| Light Technical                 |                        |                                    |         |
| Color Code                      | 942 [ CCT of 4200K]    |                                    |         |
| Luminous Flux (Rated) (Min)     | 10900 lm               |                                    |         |
| Luminous Flux (Rated) (Nom)     | 12100 lm               |                                    |         |
| Color Designation               | Cool White (CW)        |                                    |         |
| Lumen Maintenance 10000 h (Nom) | 70 %                   |                                    |         |
| Lumen Maintenance 2000 h (Min)  | 75 %                   |                                    |         |
| Lumen Maintenance 2000 h (Nom)  | 85 %                   |                                    |         |
| Lumen Maintenance 5000 h (Min)  | 70 %                   |                                    |         |
| Lumen Maintenance 5000 h (Nom)  | 80 %                   |                                    |         |
| Chromaticity Coordinate X (Nom) | 0.375                  |                                    |         |

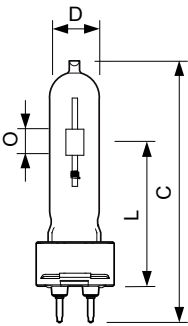
# MasterColor CDM-T T6

|                               |           |
|-------------------------------|-----------|
| Controls and Dimming          |           |
| Dimmable                      | No        |
| Run-Up Time 90% (Max)         | 3 min     |
| Mechanical and Housing        |           |
| Bulb Finish                   | Clear     |
| Approval and Application      |           |
| Energy Efficiency Label (EEL) | A         |
| Mercury (Hg) Content (Nom)    | 10.4 mg   |
| Energy Consumption kWh/1000 h | 162 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                    |                            |
| Order product name              | CDM150/T6/942 12PK         |
| EAN/UPC - Product               | 046677373696               |
| Order code                      | 373696                     |
| Numerator - Quantity Per Pack   | 1                          |
| Numerator - Packs per outer box | 12                         |
| Material Nr. (12NC)             | 928084605115               |
| Net Weight (Piece)              | 0.033 kg                   |
| ILCOS Code                      | MT/UB-150/942-H-G12-21/100 |

## Warnings and Safety

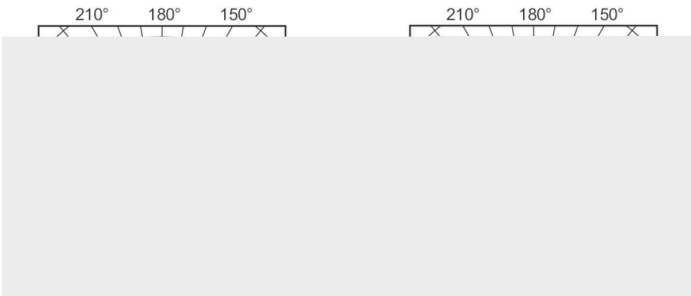
### Dimensional drawing



CDM-T 150W/942 G12

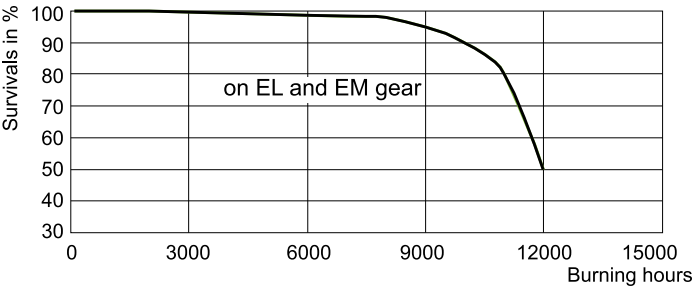
|                    |
|--------------------|
| Product            |
| CDM150/T6/942 12PK |

### Photometric data

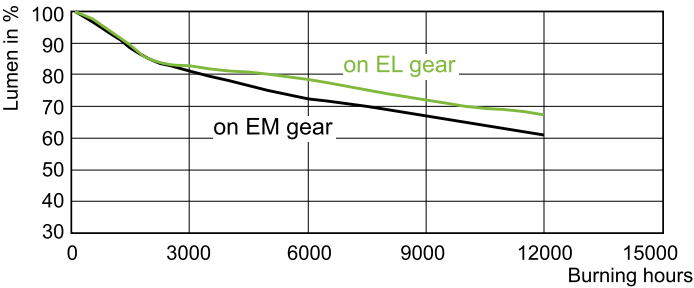


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Lifetime



LDLE\_CDM-T\_150W\_942-Life expectancy diagram



LDLM\_CDM-T\_150W\_942-Lumen maintenance diagram

