

# MASTERColour CDM-T Elite MW

## CDM-T Elite 210W/930 PGZ18.1CT/12

The medium wattage lighting system that gives superior, longer-lasting white light for both indoor and outdoor use

## Product data

### • General Information

| | |
|---|---|
| Cap-Base | PGZ18 [ PGZ18] |
| Operating Position | UNIVERSAL [ Any or Universal (U)] |
| Life To 5% Failures (Nom) | 12500 h |
| Life To 10% Failures (Nom) | 16000 h |
| Life To 50% Failures (Nom) | 30000 h |
| ANSI Code HID | C183/E |
| Features | Not Applicable |

### • Light Technical

| | |
|---|---|
| Color Code | 930 [ CCT of 3000K] |
| Luminous Flux (Rated) (Min) | 22050 lm |
| Luminous Flux (Rated) (Nom) | 24150 lm |
| Color Designation | Warm White (WW) |
| Lumen Maintenance 12000 h (Nom) | 90 % |
| Lumen Maintenance 10000 h (Nom) | 91 % |
| Lumen Maintenance 2000 h (Nom) | 98 % |
| Lumen Maintenance 20000 h | 81 % |
| Lumen Maintenance - 40% Life | 90 % |
| Lumen Maintenance 5000 h (Nom) | 93 % |
| Lumen Maintenance - 10% Life | 96 % |
| Saturated Red | 50 |
| Design Mean Lumens | 21735 lm |
| Chromaticity Coordinate X (Nom) | 0.438 |
| Chromaticity Coordinate Y (Nom) | 0.399 |
| Correlated Color Temperature (Max) | - K |
| Correlated Color Temperature (Min) | - K |
| Correlated Color Temperature (Nom) | 2940 K |
| Luminous Efficacy (rated) (Min) | 105 lm/W |
| Luminous Efficacy (rated) (Nom) | 115 lm/W |
| Color Rendering Index (Min) | 87 |
| Color Rendering Index (Nom) | 90 |

### • Operating and Electrical

| | |
|---|---|
| Power (Rated) (Nom) | 210.0 W |
| Lamp Current Run-Up (Nom) | 3.2 A |
| Ignition Supply Voltage (Max) | 4000 V |
| Ignition Peak Voltage (Max) | 4000 V |
| Ignition Supply Voltage (Min) | 2500 V |
| Re-Ignition Time (Min) (Max) | 10 min |
| Ignition Time (Max) | 180 s |
| Voltage (Max) | 115 V |
| Voltage (Min) | 90 V |
| Voltage (Nom) | 100 V |

PHILIPS

# MASTERColour CDM-T Elite MW

- Controls and Dimming

| | |
|---|---|
| Run-Up Time 90% (Max) | 1.5 min |

- Mechanical and Housing

| | |
|---|---|
| Bulb Finish | Clear |
| Overall Length (Max) | 7.4 in |

- Approval and Application

| | |
|---|---|
| Energy Efficiency Label (EEL) | A+ |
| Picogram Per Lumen Hour | 40.4 pg/lm.h |
| Mercury (Hg) Content (Max) | 24.5 mg |
| Energy Consumption kWh/1000 h | 231 kWh |

- UV

| | |
|---|---|
| Pet (Niosh) (Nom) | 64 h/500lx |
| Damage Factor D/fc (Nom) | 0.15 |

- Luminaire Design Requirements

| | |
|---|---|
| Bulb Temperature (Max) | 600 °C |
| Cap-Base Temperature (Nom) | 250 °C |
| Pinch Temperature (Max) | 300 °C |

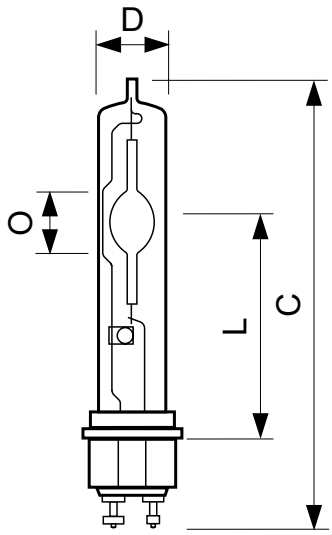
- Product Data

| | |
|---|---|
| Full product code | 871829113950800 |
| Order product name | CDM-T Elite 210W/930 PGZ18.1CT/12 |
| EAN/UPC - Product | 8718291139508 |
| Order code | 928601164731 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 928601164731 |
| Net Weight (Piece) | 115.000 g |
| ILCOS Code | MT-210/30/1A-H-PGZ18 |

## Warnings and Safety

- Use only in totally enclosed luminaire, even during testing, except for protected versions with PGZX18 cap, which are designed for open luminaires (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control 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.

## Dimensional drawing

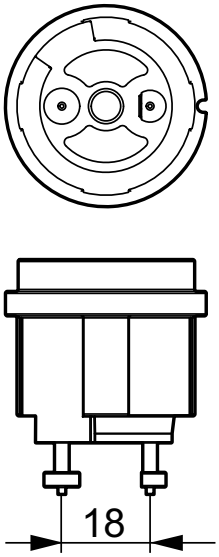



PGZX18/PGZX18., T12/TMW28

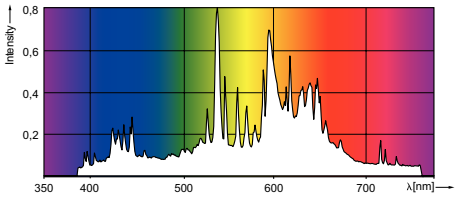
CDM TMW 210W/930 PGZ18 U

| Product | D | D | D | C | C |
|---|---|---|---|---|---|
| CDM-T Elite 210W/930 PGZ18.1CT/12 | 29 mm | 1.1 in | 28 mm | 188 mm | 186 mm |

## Dimensional drawing




## Photometric data




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