



# MASTERColour CDM-T Elite MW

## MASTERColour CDM-TMW Elite 315W/930 1CT

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]             | Design mean lumens                   | 33700 lm |
| Operating position                    | UNIVERSAL [ Any/Universal] | Chromaticity coordinate X (nom.)     | 0.429    |
| Life to 5% failures (nom.)            | 12500 h                    | Chromaticity coordinate Y (nom.)     | 0.398    |
| Life to 10% failures (nom.)           | 16000 h                    | Correlated colour temperature (max.) | - K      |
| Life to 50% failures (nom.)           | 30000 h                    | Correlated colour temperature (min.) | - K      |
| ANSI code HID                         | C182/E                     | Luminous efficacy (rated) (min.)     | 112 lm/W |
| Features                              | na [ Not Applicable]       | Luminous efficacy (rated) (nom.)     | 120 lm/W |
| Light Technical                       |                            | Color rendering index (min.)         | 87       |
| Colour code                           | 930 [ CCT of 3,000 K]      | Color rendering index (nom.)         | 90       |
| Luminous flux (rated) (min.)          | 35280 lm                   | Operating and Electrical             |          |
| Luminous flux (rated) (nom.)          | 38000 lm                   | Power (Rated) (Nom)                  | 315.0 W  |
| Colour designation                    | Warm white (WW)            | Lamp current run-up (nom.)           | 4.7 A    |
| Lumen maintenance 12,000 hours (nom.) | 89 %                       | Ignition supply voltage (max.)       | 4000 V   |
| Lumen maintenance 10,000 hours (nom.) | 90 %                       | Ignition peak voltage (max.)         | 4000 V   |
| Lumen maintenance 2,000 hours (nom.)  | 99 %                       | Ignition supply voltage (min.)       | 3000 V   |
| Lumen maintenance 20,000 hours        | 80 %                       | Re-ignition time (min.) (max.)       | 10 min   |
| Lumen maintenance – 40% life          | 89 %                       | Ignition time (max.)                 | 3 s      |
| Lumen maintenance 5,000 hours (nom.)  | 96 %                       | Voltage (Max)                        | 115 V    |
| Lumen maintenance – 10% life          | 96 %                       | Voltage (Min)                        | 90 V     |
| Saturated Red (R9)                    | 45                         | Voltage (Nom)                        | 100 V    |

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|                        |         |
|------------------------|---------|
| Controls and Dimming   |         |
| Run-up time 90% (max.) | 1.5 min |

|                               |        |
|-------------------------------|--------|
| Mechanical and Housing        |        |
| Bulb finish                   | Clear  |
| Maximum overall length (max.) | 7.4 in |

|                               |              |
|-------------------------------|--------------|
| Approval and Application      |              |
| Energy efficiency label (EEL) | A+           |
| Picogram per lumen hour       | 27.1 pg/lm.h |
| Mercury (Hg) content (max.)   | 28 mg        |
| Energy Consumption kWh/1000 h | 347 kWh      |

|                           |             |
|---------------------------|-------------|
| UV                        |             |
| PET (NIOSH) (nom.)        | 141 h/500lx |
| Damage factor D/fc (nom.) | 0.013       |

|                               |        |
|-------------------------------|--------|
| Luminaire Design Requirements |        |
| Bulb temperature (max.)       | 700 °C |

|                             |        |
|-----------------------------|--------|
| Cap base temperature (nom.) | 250 °C |
| Pinch temperature (max.)    | 300 °C |

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Product Data                    |                                   |
| Full product code               | 871829154801000                   |
| Order product name              | CDM-T Elite 315W/930 PGZ18.1CT/12 |
| EAN/UPC – product               | 8718291548010                     |
| Order code                      | 54801000                          |
| Local Code                      | 315CDMTTELITE930                  |
| Numerator – quantity per pack   | 1                                 |
| Numerator – packs per outer box | 12                                |
| Material no. (12NC)             | 928601164631                      |
| Net weight (piece)              | 124.000 g                         |
| ILCOS Code                      | MT-315/30/1A-H-PGZ18              |

Warnings and Safety

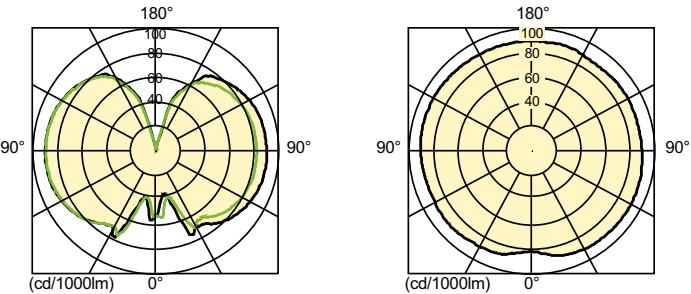
Dimensional drawing

D

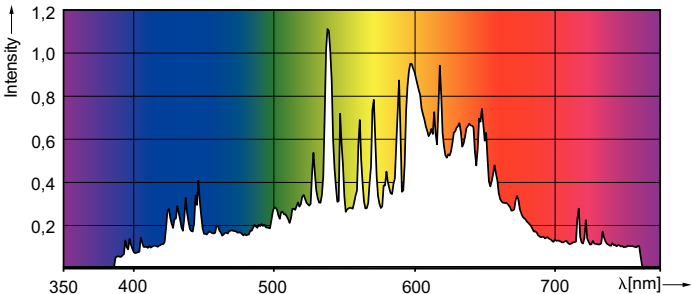
| Product                           | D (max) | D      | D     | C (max) | C      |
|-----------------------------------|---------|--------|-------|---------|--------|
| CDM-T Elite 315W/930 PGZ18.1CT/12 | 29 mm   | 1.1 in | 28 mm | 188 mm  | 186 mm |

CDM TMW 315W/930 PGZ18 U

Photometric data



LDLD\_D-CDM-T\_315W\_930\_--Light distribution diagram



LDPO\_D-CDM-T\_315W\_930-Spectral power distribution Colour

MASTERC colour CDM-T Elite MW

Lifetime

