

MASTERColour CDM-T Elite MW

CDM-T Elite 315W/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	C182/E
Features	Not Applicable

• Light Technical

Color Code	930 [CCT of 3000K]
Luminous Flux (Rated) (Min)	35280 lm
Luminous Flux (Rated) (Nom)	38700 lm
Color Designation	Warm White (WW)
Lumen Maintenance 12000 h (Nom)	89 %
Lumen Maintenance 10000 h (Nom)	90 %
Lumen Maintenance 2000 h (Nom)	99 %
Lumen Maintenance 20000 h	80 %
Lumen Maintenance - 40% Life	89 %
Lumen Maintenance 5000 h (Nom)	96 %
Lumen Maintenance - 10% Life	96 %
Saturated Red	45
Design Mean Lumens	34440 lm
Chromaticity Coordinate X (Nom)	0.429
Chromaticity Coordinate Y (Nom)	0.398
Correlated Color Temperature (Max)	- K
Correlated Color Temperature (Min)	- K
Correlated Color Temperature (Nom)	3090 K
Luminous Efficacy (rated) (Min)	112 lm/W
Luminous Efficacy (rated) (Nom)	120 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90

• Operating and Electrical

Power (Rated) (Nom)	315.0 W
Lamp Current Run-Up (Nom)	4.7 A
Ignition Supply Voltage (Max)	4000 V
Ignition Peak Voltage (Max)	4000 V
Ignition Supply Voltage (Min)	3000 V
Re-Ignition Time (Min) (Max)	10 min
Ignition Time (Max)	3 s
Voltage (Max)	115 V
Voltage (Min)	90 V
Voltage (Nom)	100 V

PHILIPS

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- 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	27.1 pg/lm.h
Mercury (Hg) Content (Max)	28 mg
Energy Consumption kWh/1000 h	346 kWh

- UV

Pet (Niosh) (Nom)	141 h/500lx
Damage Factor D/fc (Nom)	0.013

- Luminaire Design Requirements

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

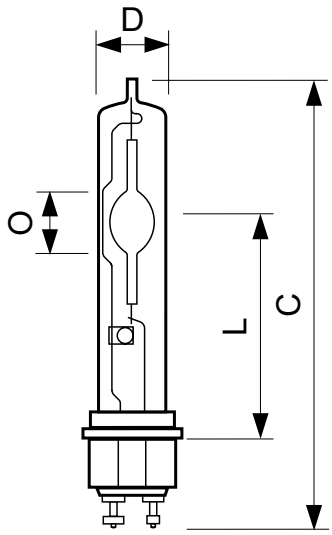
- Product Data

Full product code	871829154801000
Order product name	CDM-T Elite 315W/930 PGZ18.1CT/12
EAN/UPC - Product	8718291548010
Order code	928601164631
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601164631
Net Weight (Piece)	124.000 g
ILCOS Code	MT-315/30/1A-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



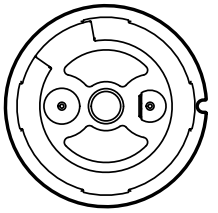
PGZX18/PGZX18., T12/TMW28

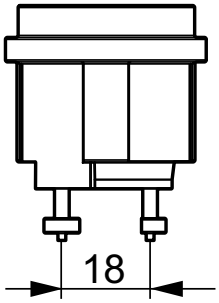
CDM TMW 315W/930 PGZ18 U

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

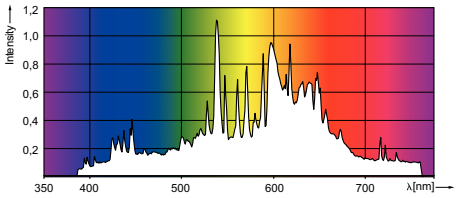
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Dimensional drawing





Photometric data



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2016, March 15
data subject to change