

MASTERC colour CDM-T Elite MW

CDM ELITE TMW 315/930/U/O EU



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

Product data

• General Information

Cap-Base	PGZX18 [PGZX18]
Bulb Shape	T12 [38 mm (T12)]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life To 5% Failures (Nom)	10000 h
Life To 10% Failures (Nom)	12000 h
Life To 50% Failures (Nom)	30000 h
ANSI Code HID Features	C182/O Protected

• Light Technical

Color Code	930 [CCT of 3000K]
Luminous Flux (Rated) (Min)	33100 lm
Luminous Flux (Rated) (Nom)	36200 lm
Color Designation	Warm White (WW)
Lumen Maintenance 12000 h (Nom)	83 %
Lumen Maintenance 10000 h (Nom)	87 %
Lumen Maintenance 2000 h (Nom)	98 %
Lumen Maintenance 20000 h	80 %
Lumen Maintenance - 40% Life	87 %
Lumen Maintenance 5000 h (Nom)	89 %
Lumen Maintenance - 10% Life	98 %
Saturated Red	50
Design Mean Lumens	31500 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)	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)	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) 7.6 in

• Approval and Application

Energy Efficiency Label (EEL) A+
 Picogram Per Lumen Hour 44.4 pg/lm.h
 Mercury (Hg) Content (Max) 28 mg
 Energy Consumption kWh/1000 h 346 kWh

• UV

Pet (Niosh) (Nom) 63 h/500lx

Damage Factor D/fc (Nom) 0.10

• Luminaire Design Requirements

Bulb Temperature (Max) 350 °C
 Cap-Base Temperature (Nom) 250 °C
 Pinch Temperature (Max) 300 °C

• Product Data

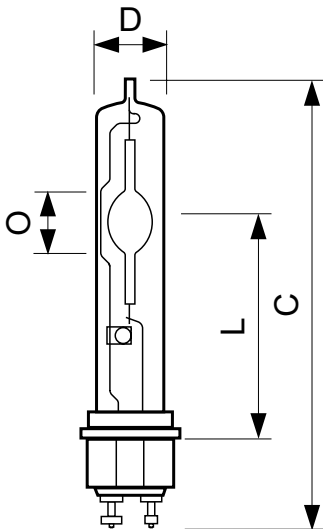
Full product code 871829113956000
 Order product name CDM ELITE TMW 315/930/U/O EU
 EAN/UPC - Product 8727900862133
 Order code 928601167131
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 12
 Material Nr. (12NC) 928601167131
 Net Weight (Piece) 200.000 g
 ILCOS Code MTS-315/30/1A-H-PGZX18

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



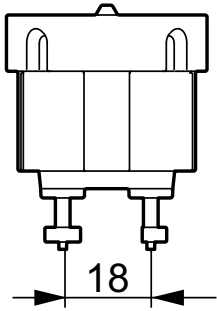
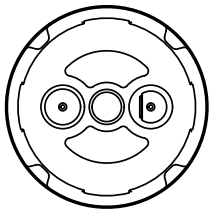
PGZX18/PGZX18., T12/TMW28

CDM TMW 315W/930 PGZX18. U P

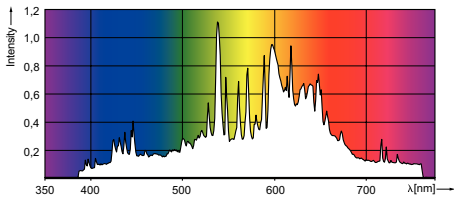
Product	D	D	C
CDM ELITE TMW 315/930/U/O EU	1.5 in	38 mm	193 mm

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Dimensional drawing



Photometric data



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data subject to change