

MASTERColour CDM-T Elite MW

MASTERColour CDM-TMW Elite 315W/942 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]
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	na [Not Applicable]

• Light Technical

Colour Code	942 [CCT of 4200K]
Luminous Flux (Rated) (Min)	33100 lm
Luminous Flux (Rated) (Nom)	35500 lm
Colour Designation	Cool White (CW)
Lumen Maintenance 12000 h (Nom)	82 %
Lumen Maintenance 10000 h (Nom)	86 %
Lumen Maintenance 2000 h (Nom)	98 %
Lumen Maintenance 20000 h	81 %
Lumen Maintenance - 40% Life	82 %
Lumen Maintenance 5000 h (Nom)	94 %
Lumen Maintenance - 10% Life	96 %
Saturated Red	80
Design Mean Lumens	31150 lm
Chromaticity Coordinate X (Nom)	0.376
Chromaticity Coordinate Y (Nom)	0.379
Colour Temperature, horizontal (Max)	- K
Colour Temperature, horizontal (Min)	- K
Colour Temperature, horizontal (Nom)	4140 K
Luminous Efficacy (rated) (Min)	105 lm/W
Luminous Efficacy (rated) (Nom)	113 lm/W
Colour Rendering Index horiz (Min)	90
Colour Rendering Index horiz (Nom)	93

• 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)	85 V
Voltage (Nom)	100 V

PHILIPS

MASTERColour CDM-T Elite MW

- Controls and Dimming

Run-up Time 90% (Max)	3 min

- Mechanical and Housing

Bulb Finish	Clear (CL)
Overall Length (Max)	7.44 in

- Approval and Application

Energy Efficiency Label	A+
Picogram Per Lumen Hour	25 pg/lm.h
Mercury (Hg) Content (Max)	24 mg
Energy Consumption kWh/1000 h	346 kWh

- UV

Pet (Niosh) (Nom)	49.7 h/500lx
Damage Factor D/fc (Nom)	0.242

- Luminaire Design Requirements

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

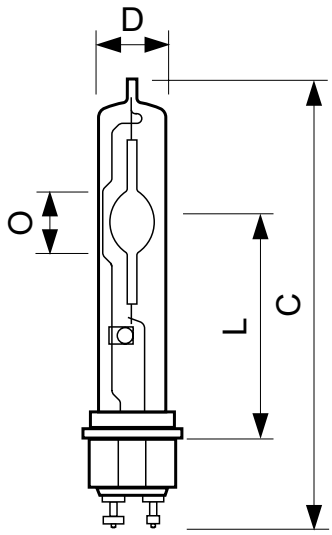
- Product Data

Full product code	871829154803400
Order product name	CDM-T Elite 315W/942 PGZ18.1CT/12
EAN/UPC - Product	8718291548034
Order code	54803400
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601164831
Net Weight (Piece)	124.000 g
ILCOS Code	MT-315/42/1A-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

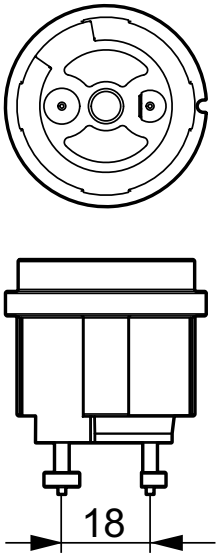


PGZX18/PGZX18., T12/TMW28

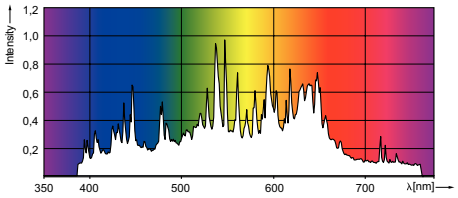
CDM TMW 315W/942 PGZ18 U

Product	D	D	D	C	C
CDM-T Elite 315W/942 PGZ18.1CT/12	29 mm	1.1 in	28 mm	188 mm	186 mm

Dimensional drawing



Photometric data



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2016, March 7
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