

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	na [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

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Voltage (Nom)	100 V

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

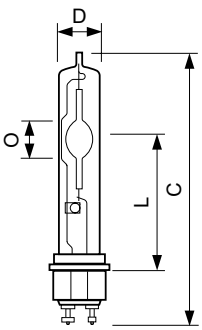
Luminaire Design Requirements	
Bulb Temperature (Max)	600 °C
Cap-Base Temperature (Nom)	250 °C
Pinch Temperature (Max)	300 °C

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

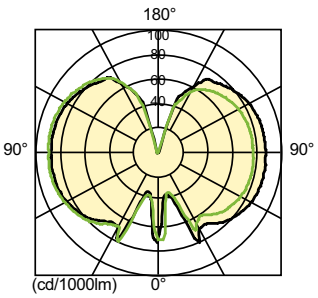


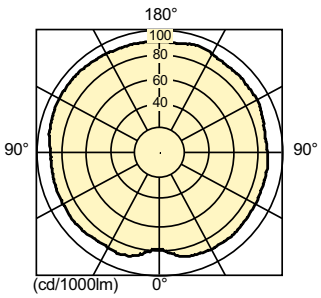
CDM TMW 210W/930 PGZ18 U

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

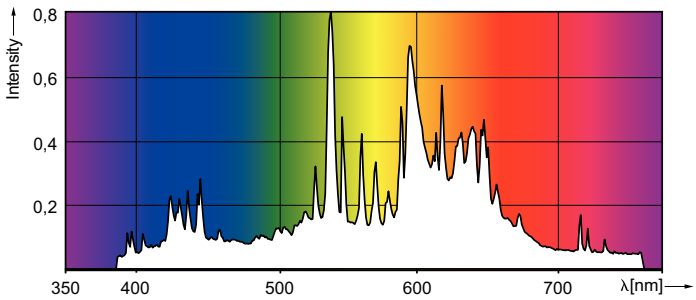
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Photometric data



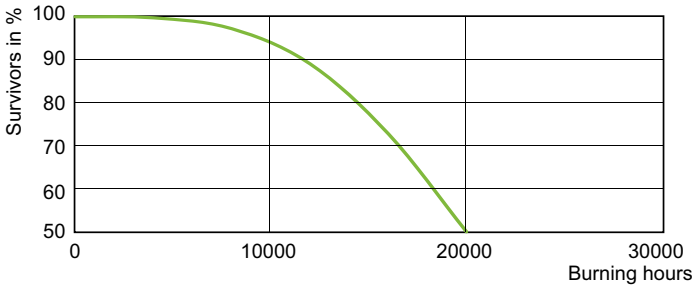


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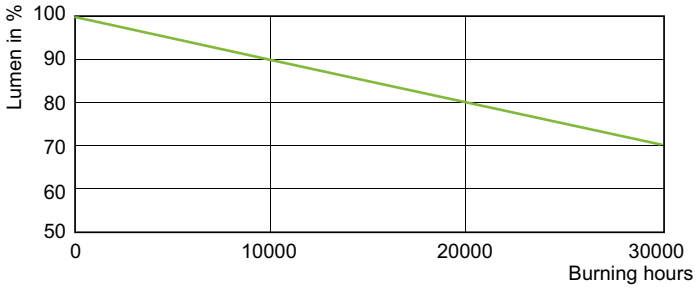


CDM-TMW 210W /930

Lifetime



CDM-T Elite MW 210W



CDM-T Elite MW 210W, 315W, /930, /942

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