



MASTERColour 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

Product data

General Information		Design Mean Lumens	
Cap-Base	PGZX18. [PGZX18.]	Design Mean Lumens	31500 lm
Operating Position	UNIVERSAL [Any or Universal (U)]	Chromaticity Coordinate X (Nom)	0.429
Life to 5% Failures (Nom)	10000 h	Chromaticity Coordinate Y (Nom)	0.398
Life To 10% Failures (Nom)	12000 h	Correlated Color Temperature (Max)	- K
Life to 50% Failures (Nom)	30000 h	Correlated Color Temperature (Min)	- K
ANSI Code HID	C182/O	Correlated Color Temperature (Nom)	3090 K
Features	Protected (P)	Luminous Efficacy (Rated) (Min)	105 lm/W
		Luminous Efficacy (rated) (Nom)	115 lm/W
		Color Rendering Index (Min)	87
		Color Rendering Index (Nom)	90
Light Technical		Operating and Electrical	
Color Code	930 [CCT of 3000K]	Power (Rated) (Nom)	315.0 W
Luminous Flux (Rated) (Min)	33100 lm	Lamp Current Run-Up (Nom)	4.7 A
Luminous Flux (Rated) (Nom)	36200 lm	Ignition Supply Voltage (Max)	4000 V
Color Designation	Warm White (WW)	Ignition Peak Voltage (Max)	4000 V
Lumen Maintenance 12000 h (Nom)	83 %	Ignition Supply Voltage (Min)	3000 V
Lumen Maintenance 10000 h (Nom)	87 %	Re-Ignition Time (Min) (Max)	10 min
Lumen Maintenance 2000 h (Nom)	98 %	Ignition Time (Max)	3 s
Lumen Maintenance 20000 h	80 %	Voltage (Max)	115 V
Lumen Maintenance - 40% Life	87 %	Voltage (Min)	90 V
Lumen Maintenance 5000 h (Nom)	89 %		
Lumen Maintenance - 10% Life	98 %		
Saturated Red	50		

MASTERC colour CDM-T Elite MW

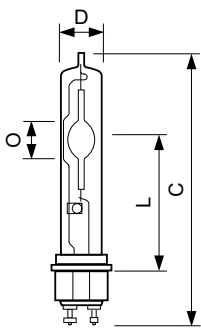
Voltage (Nom)	100 V
Controls and Dimming	
Run-Up Time 90% (Max)	1.5 min
Mechanical and Housing	
Bulb Finish	Clear
Overall Length (Max)	7.6 in
Approval and Application	
Energy Efficiency Label (EEL)	A+
Picogram Per Lumen Hour	44.4 pg/lm.h
Mercury (Hg) Content (Max)	28 mg
Energy Consumption kWh/1000 h	347 kWh
UV	
Pet (Niosh) (Nom)	63 h/500lx
Damage Factor D/fc (Nom)	0.10

Luminaire Design Requirements	
Bulb Temperature (Max)	550 °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

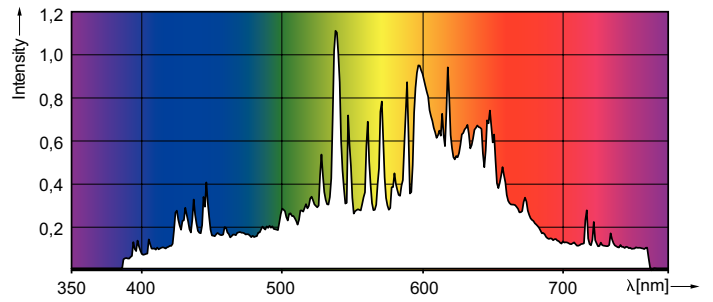
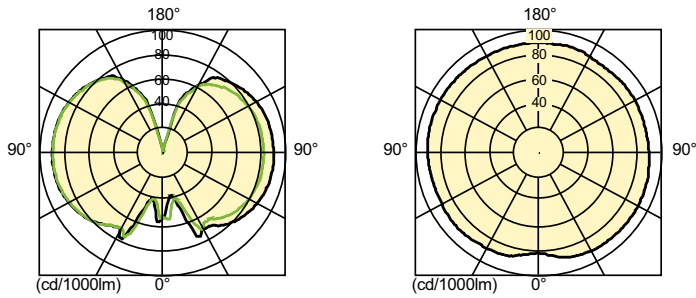


CDM TMW 315W/930 PGZX18. U P

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

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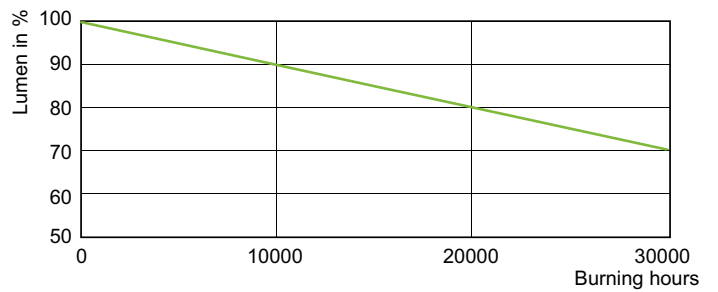
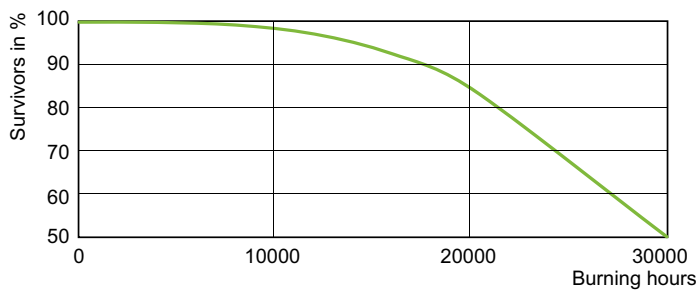
Photometric data



CDM-T Elite MW 315W /930

CDM-TMW 315W /930

Lifetime



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

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

