



Perfect sparkle, reliable life

MASTERColour CDM-T Elite MW

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

Benefits

- High quality sparkling white light
- Highest energy saving and lowest cost of ownership
- Reduced energy consumption/CO₂ emission
- Dimmable

Features

- Very high-quality white light with excellent colour rendering
- Long reliable lifetime combined with highest system efficacy
- New socket design makes lamp extremely compact and improves efficiency
- New electronic gear platform

Application

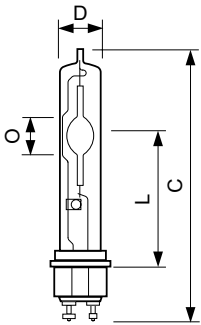
- Outdoor; floodlighting of buildings and other interesting structures. Illumination of roads and pedestrian areas, public spaces, car parks, petrol stations etc.
- Indoor; larger (high-bay) retail outlets, warehouses, manufacturing facilities etc.

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Versions



Dimensional drawing



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

MASTERCcolour CDM-T Elite MW

Approval and Application

Energy Efficiency Label (EEL)	A+
Operating and Electrical	
Voltage (Max)	115 V
Voltage (Min)	90 V
Voltage (Nom)	100 V
Re-ignition Time (Min) (Max)	10 min

General Information

Cap-Base	PGZ18
Life To 10% Failures (Nom)	16000 h
Life To 50% Failures (Nom)	30000 h
Life To 5% Failures (Nom)	12500 h
Operating Position	UNIVERSAL

Light Technical

Colour Code	930
Colour Designation	Warm white (WW)
Correlated Colour Temperature (Max)	- K
Correlated Colour Temperature (Min)	- K
Colour Rendering Index (Min)	87
Colour Rendering Index (Nom)	90
Lumen Maintenance - 10% Life	96 %

Mechanical and Housing

Bulb Finish	Clear (CL)
Bulb Shape	TMW28

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Picogram Per Lumen Hour
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	347 kWh	28 mg	27.1 pg/lm.h
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	231 kWh	24.5 mg	40.4 pg/lm.h

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	315.0 W

Order Code	Full Product Name	Power (Rated) (Nom)
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	210.0 W

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	700 °C

Order Code	Full Product Name	Bulb Temperature (Max)
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	600 °C

Light Technical (1/3)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Colour Temperature	Lumen Maintenance
				(Nom)	10000 h
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	0.429	0.398	3090 K	90 %
928601164731	CDM-T Elite 210W/930	0.438	0.399	2940 K	91 %

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Colour Temperature	Lumen Maintenance
				(Nom)	10000 h
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	0.429	0.398	3090 K	90 %
928601164731	CDM-T Elite 210W/930	0.438	0.399	2940 K	91 %

Light Technical (2/3)

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Order Code	Full Product Name	Lumen Maintenance 12000 h (Nom)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 20000 h	Lumen Maintenance - 40% Life	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Min)	Luminous Efficacy (rated) (Nom)	Design Mean Lumens	Luminous Flux (Rated) (Min)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	89 %	99 %	80 %	89 %	96 %	112 lm/W	120 lm/W	33700 lm	35280 lm
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	90 %	98 %	81 %	90 %	93 %	105 lm/W	115 lm/W	21735 lm	22050 lm

Light Technical (3/3)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	38000 lm
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	24150 lm

