



MASTERColour CDM-T Elite MW

MASTERColour CDM-TMW Elite 210W/942 1CT

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

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.

Product data

General Information		Lumen Maintenance 12000 h (Nom)	
Cap-Base	PGZ18 [PGZ18]	Lumen Maintenance 10000 h (Nom)	90 %
Operating Position	UNIVERSAL [Any or Universal (U)]	Lumen Maintenance 2000 h (Nom)	91 %
Life to 5% Failures (Nom)	12500 h	Lumen Maintenance 20000 h	98 %
Life To 10% Failures (Nom)	16000 h	Lumen Maintenance - 40% Life	80 %
Life to 50% Failures (Nom)	30000 h	Lumen Maintenance 5000 h (Nom)	90 %
ANSI Code HID	C183/E	Lumen Maintenance - 10% Life	94 %
Light Technical		Saturated Red (R9)	95 %
Color Code	942 [CCT of 4200K]	Design Mean Lumens	80
Luminous Flux (Rated) (Min)	21000 lm	Chromaticity Coordinate X (Nom)	20470 lm
Luminous Flux (Rated) (Nom)	23000 lm	Chromaticity Coordinate Y (Nom)	0.381
Color Designation	Cool White (CW)	Correlated Color Temperature (Max)	0.374
		Correlated Color Temperature (Min)	- K
			- K

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Correlated Color Temperature (Nom)	3960 K
Luminous Efficacy (Rated) (Min)	98 lm/W
Luminous Efficacy (rated) (Nom)	108 lm/W
Color Rendering Index (Min)	89
Color Rendering Index (Nom)	92

Operating and Electrical

Power (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)	3000 V
Re-Ignition Time (Min) (Max)	10 min
Ignition Time (Max)	180 s
Voltage (Max)	115 V
Voltage (Min)	90 V
Voltage (Nom)	98 V

Controls and Dimming

Run-Up Time 90% (Max)	1.5 min
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Mechanical and Housing

Bulb Finish	Clear
Overall Length (Max)	7.4 in

Approval and Application

Energy Efficiency Label (EEL)	A+
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Picogram Per Lumen Hour	40.3 pg/lm.h
Mercury (Hg) Content (Max)	25 mg
Energy Consumption kWh/1000 h	231 kWh

UV

Pet (Niosh) (Nom)	34.1 h/500lx
Damage Factor D/fc (Nom)	0.30

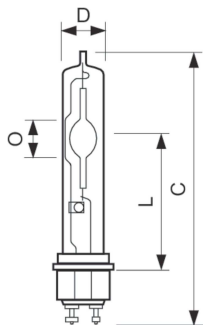
Luminaire Design Requirements

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

Product Data

Full product code	871829113952200
Order product name	MASTERColour CDM-TMW Elite 210W/942 ICT
EAN/UPC - Product	8727900801804
Order code	928601164931
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601164931
Net Weight (Piece)	115.000 g
ILCOS Code	MT-210/42/1A-H-PGZ18

Dimensional drawing

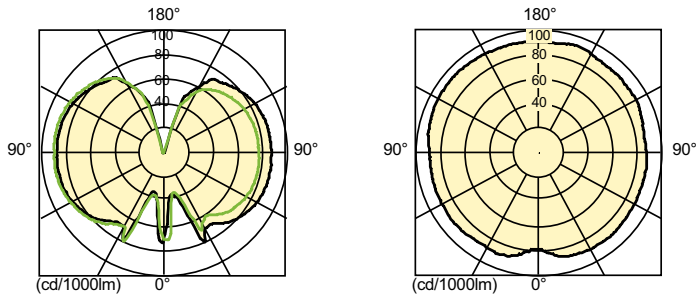


CDM TMW 210W/942 PGZ18 U

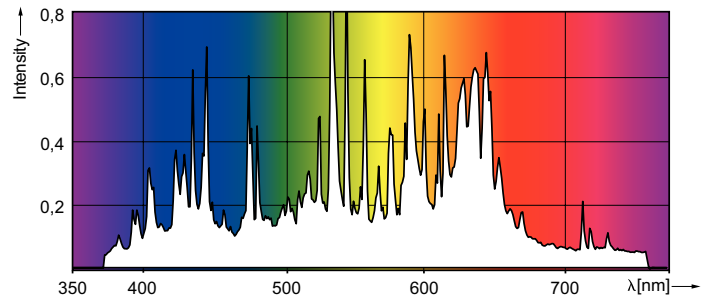
Product	D (max)	D	D	C (max)	C
MASTERColour CDM-TMW Elite 210W/942 ICT	29 mm	1.1 in	28 mm	188 mm	186 mm

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Photometric data

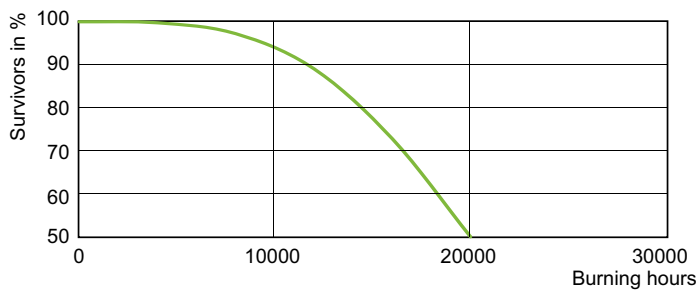


LDLD_D-CDM-T_210W_942-Light distribution diagram

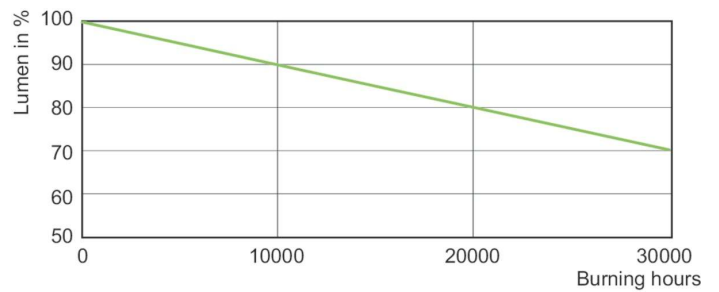


LDPO_D-CDM-T_210W_942-Spectral power distribution Colour

Lifetime



LDLE_D-CDM-T_210W-Life expectancy diagram



LDLM_D-CDM-T_0001-Lumen maintenance diagram

