



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

Product data

• General Characteristics

Cap-Base	PGZ18
Bulb	TMW28 [TMW 28mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures EL	12600 hr
Life to 10% failures EL	15000 hr
Life to 50% failures EL	30000 hr

• Light Technical Characteristics

Color Code	942 [CCT of 4200K]
Color Rendering Index	85 (min), 92 (nom) Ra8
Color Designation (text)	Cool White
Color Temperature	4120 K
Color Temperature Technical	3920 (min), 4120 (nom), 4320 (max) K
Luminous Flux Lamp EL	23000 Lm
Luminous Efficacy Lamp EL	108 Lm/W
Lumen Maintenance 2000h	98 %
Lumen Maintenance 5000h	94 %
Lumen Maintenance 8000h	92 %
Lumen Maintenance EL 10000h	91 %
Lumen Maintenance 12000h	90 %
Lumen Maintenance 20000h	80 %

Lumen Maintenance - 10% life	95 %
Lumen Maintenance - 40% life	90 %
Design Mean Lumens	20470 Lm
Chromaticity Coordinate X	0.373 -
Chromaticity Coordinate Y	0.366 -

• Electrical Characteristics

Lamp Wattage	210 W
Lamp Wattage EL 25°C, Rated	210.0 W
Lamp Wattage EL 25°C, Nominal	210.0 W
Lamp Voltage	98 V
Lamp Current EL	2.1 A
Lamp Current Run-Up	3.2 A
Ignition Time	180 (max) s
Run-up time 90%	1.5 (max) min
Re-ignition Time [min]	10 (max) min

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	25 (max) mg
Picogram per Lumen Hour	40.3 p/LuHr
Energy consumption kWh/1000h	231 kWh

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• UV-related Characteristics

Damage Factor D/fc	0.30 -
PET (NIOSH)	34.1 h500lx
UV A	10.1 mW/cm2
UV B	0.03 mW/cm2
UV C	0.10 mW/cm2

• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Bulb Temperature	600 (max) C

• Product Dimensions

Overall Length C	186 (nom), 188 (max) mm
Diameter D	28 (nom), 29 (max) mm
Light Center Length L	88 (min), 90 (nom), 92 (max) mm
Maximum Overall Length [inch]	7.4 (max) in
Light Center Length L [inch]	3.54 in

Diameter D [inch] 1.1 in

• Product Data

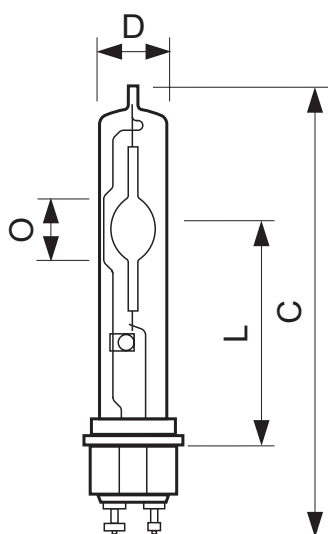
Order code	928601164931
Full product code	928601164931
Full product name	MASTERColour CDM-TMW Elite 210W/942 1CT
Order product name	MASTERC CDM-TMW Elite 210W/942 1CT
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8727900801804
Bar code on outerbox - EAN3	8718291139539
Logistic code(s) - 12NC	928601164931
ILCOS code	MT-210/42/1A-H-PGZ18
Net weight per piece	115.000 gr

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)

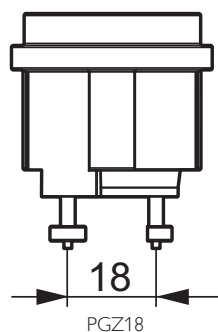
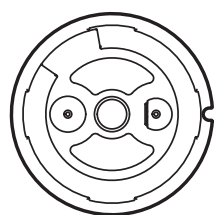
Dimensional drawing



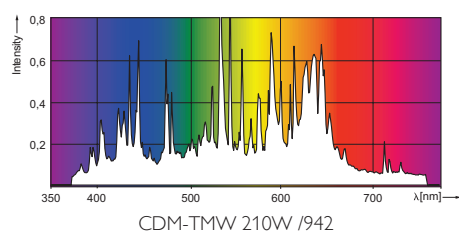
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Product	C (Norm)	C (Max)	D (Norm)	D (Max)
CDM-TMW 210W/942 PGZ18 U	186	188	28	29

Dimensional drawing



Photometric data



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www.philips.com/lighting

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data subject to change