



MasterColor CDM-T Elite Med Wattage

CDM T12 ELITE 210W/942/U/O NA

The Philips MasterColor Elite MW system offers an unrivalled level of light quality and performance. The lamp's sparkling white light creates a natural ambience and really brings out the best in all different types of colors. In addition, the high efficiency of the lamp and ballast together means reduced energy use and a lower cost of ownership compared to a 400W Metal Halide HID system.

Product data

General Information	
Base	PGZX18. [PGZX18.]
Operating Position	Universal [Universal]
Life to 5% Failures (Nom)	10000 h
Life To 10% Failures (Nom)	12000 h
Life to 50% Failures (Nom)	30000 h
ANSI Code HID	C183/O
Features	Protected (P)
Light Technical	
Color Code	942 [CCT of 4200K]
Luminous Flux (Rated) (Min)	20600 lm
Luminous Flux (Rated) (Nom)	22800 lm
Color Designation	Cool White (CW)
Lumen Maintenance 12000 h (Nom)	91 %
Lumen Maintenance 10000 h (Nom)	91 %
Lumen Maintenance 2000 h (Nom)	98 %
Lumen Maintenance 20000 h	80 %
Lumen Maintenance - 40% Life	92 %
Lumen Maintenance 5000 h (Nom)	93 %

Lumen Maintenance - 10% Life	98 %
Saturated Red (R9)	80
Design Mean Lumens	20500 lm
Chromaticity Coordinate X (Nom)	0.381
Chromaticity Coordinate Y (Nom)	0.374
Correlated Color Temperature (Max)	- K
Correlated Color Temperature (Min)	- K
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 (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

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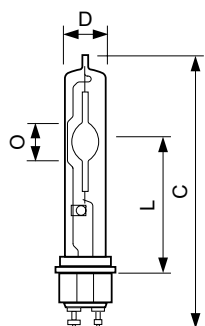
Ignition Time (Max)	3 s
Voltage (Max)	120 V
Voltage (Min)	90 V
Voltage (Nom)	105 V
Controls and Dimming	
Run-Up Time 90% (Max)	1.5 min
Mechanical and Housing	
Bulb Finish	Clear (CL)
Overall Length (Max)	7.6 in
Approval and Application	
Energy Efficiency Label (EEL)	A+
Picogram Per Lumen Hour	60.7 pg/lm.h
Mercury (Hg) Content (Max)	25 mg
Energy Consumption kWh/1000 h	231 kWh
UV	
Pet (Niosh) (Nom)	171.5 h/500lx

Damage Factor D/fc (Nom)	0.20
Luminaire Design Requirements	
Bulb Temperature (Max)	550 °C
Cap-Base Temperature (Max)	250 °C
Pinch Temperature (Max)	300 °C
Product Data	
Order product name	CDM T12 ELITE 210W/942/U/O NA
EAN/UPC - Product	046677238087
Order code	238089
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601167202
Net Weight (Piece)	0.001 kg
ILCOS Code	MTS-210/42/1A-H-PGZX18

Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Dimensional drawing

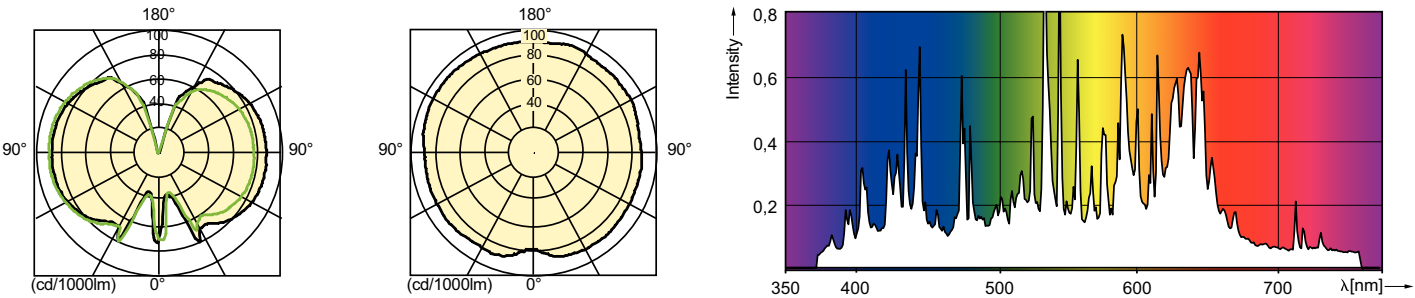


CDM TMW 210W/942 PGZX18. U P

Product	D	D	C
CDM T12 ELITE 210W/942/U/O NA	1.5 in	38 mm	193 mm

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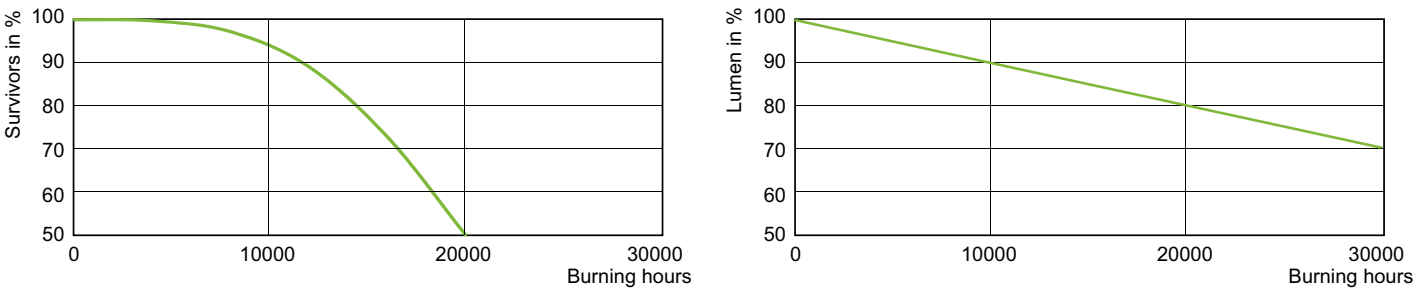
Photometric data



CDM-T Elite MW 210W /942

CDM-TMW 210W /942

Lifetime



CDM-T Elite MW 210W

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

