



MasterColor CDM-T Elite Med Wattage

CDM T9 ELITE 210W/930/U/E 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	PGZ18 [PGZ18]	Lumen Maintenance - 10% Life	96 %
Operating Position	Universal [Universal]	Saturated Red (R9)	50
Life to 5% Failures (Nom)	12500 h	Design Mean Lumens	21735 lm
Life To 10% Failures (Nom)	16000 h	Chromaticity Coordinate X (Nom)	0.438
Life to 50% Failures (Nom)	30000 h	Chromaticity Coordinate Y (Nom)	0.399
ANSI Code HID	C183/E	Correlated Color Temperature (Max)	- K
Features	na [Not Applicable]	Correlated Color Temperature (Min)	- K
		Correlated Color Temperature (Nom)	2940 K
		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			
Color Code	930 [CCT of 3000K]		
Luminous Flux (Rated) (Min)	22050 lm		
Luminous Flux (Rated) (Nom)	24150 lm		
Color Designation	Warm White (WW)		
Lumen Maintenance 12000 h (Nom)	90 %		
Lumen Maintenance 10000 h (Nom)	91 %		
Lumen Maintenance 2000 h (Nom)	98 %		
Lumen Maintenance 20000 h	81 %		
Lumen Maintenance - 40% Life	90 %		
Lumen Maintenance 5000 h (Nom)	93 %		
		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

MasterColor CDM-T Elite Med Wattage

Ignition Time (Max)	180 s
Voltage (Max)	115 V
Voltage (Min)	90 V
Voltage (Nom)	100 V

Controls and Dimming

Run-Up Time 90% (Max)	1.5 min
-----------------------	---------

Mechanical and Housing

Bulb Finish	Clear (CL)
Overall Length (Max)	7.4 in

Approval and Application

Energy Efficiency Label (EEL)	A+
Picogram Per Lumen Hour	40.4 pg/lm.h
Mercury (Hg) Content (Max)	24.5 mg
Energy Consumption kWh/1000 h	231 kWh

UV

Pet (Niosh) (Nom)	64 h/500lx
-------------------	------------

Damage Factor D/fc (Nom)	0.15
--------------------------	------

Luminaire Design Requirements

Bulb Temperature (Max)	600 °C
Cap-Base Temperature (Nom)	250 °C
Pinch Temperature (Max)	300 °C

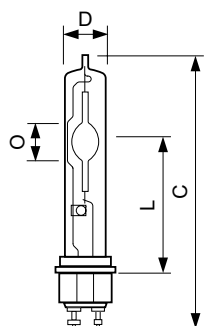
Product Data

Order product name	CDM T9 ELITE 210W/930/U/E NA
EAN/UPC - Product	046677220624
Order code	220624
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928601164702
Net Weight (Piece)	0.001 kg
ILCOS Code	MT-210/30/1A-H-PGZ18

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

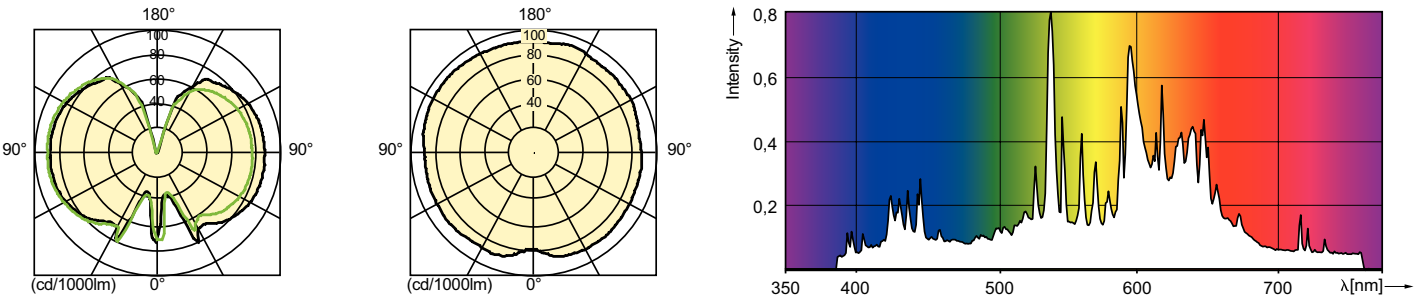


CDM TMW 210W/930 PGZ18 U

Product	D (max)	D	D	C (max)	C
CDM T9 ELITE 210W/930/U/E NA	29 mm	1.1 in	28 mm	188 mm	186 mm

MasterColor CDM-T Elite Med Wattage

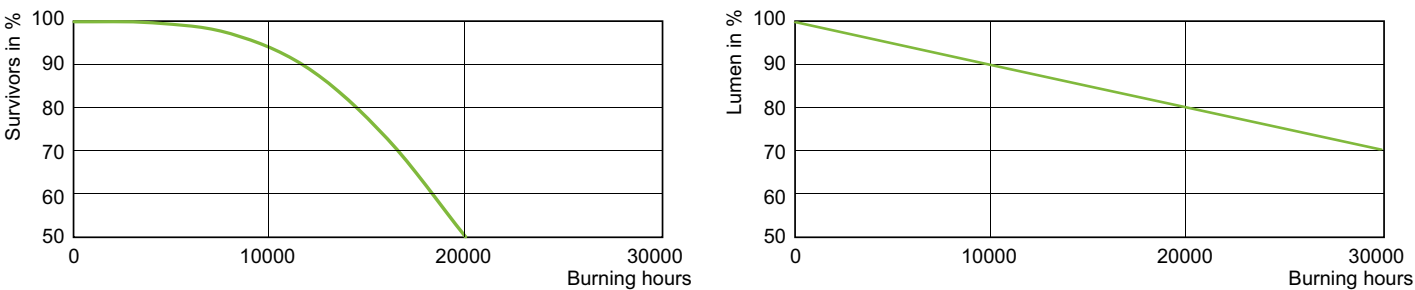
Photometric data



CDM-T Elite MW 210W /930

CDM-TMW 210W /930

Lifetime



CDM-T Elite MW 210W

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

