



MasterColor CDM-T Elite Med Wattage

MasterColor CDM-T Elite 210W/930 T9 1CT

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 Characteristics

Base	PGZ18
Bulb	T-9 [9/8 inch/1.1 inch = 28 mm]
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Life to 5% failures EL	12000 hr
Life to 10% failures EL	14000 hr
Avg. Hrs. Life	27000 hr

• Light Technical Characteristics

Color Code	930 [CCT of 3000K]
Color Rendering Index	85 (min), 90 (nom) Ra8
Color Designation	Warm White
Color Temperature	2950 K
Color Temperature technical	2950 K
Initial Lumens	24150 Lm
Luminous Efficacy	115 Lm/W
Lamp EL	
Lumen Maintenance 2000h	98 %
Lumen Maintenance 5000h	93 %
Lumen Maintenance 8000h	91 %
Lumen Maintenance EL 10000h	91 %
Lumen Maintenance 12000h	90 %
Lumen Maintenance 20000h	81 %
Lumen Maintenance - 10% life	96 %

Lumen Maintenance - 40% life	90 %
Design Mean Lumens	21735 Lm
Chromaticity Coordinate X	0.438 -
Chromaticity Coordinate Y	0.399 -

• Electrical Characteristics

Watts	210 W
Lamp Wattage EL 25°C, Rated	210.0 W
Lamp Wattage EL 25°C, Nominal	210.0 W
Lamp Voltage	100 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	24.5 (max) mg
Picogram per Lumen Hour	40.4 p/LuHr
Energy consumption kWh/1000h	231 kWh

PHILIPS

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• UV-related Characteristics

Damage Factor D/fc	0.15 -
PET (NIOSH)	64 h500lx
UV A	4.3 mW/cm2
UV B	0.01 mW/cm2
UV C	0.01 mW/cm2

• Luminaire Design Requirements

Cap-Base Temperature	250 C
Pinch Temperature	300 (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
Arc Length O	12.1 mm

Maximum Overall Length [inch]	7.4 (max) in
Light Center Length L	3.54 in
Diameter D	1.1 in

• Product Data

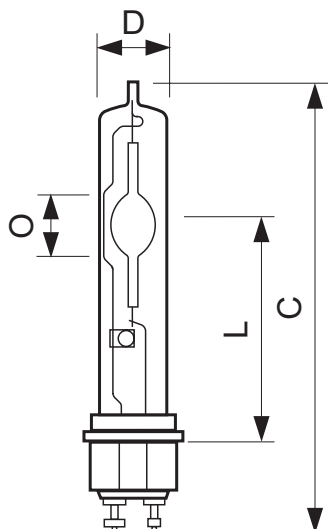
Product number	220624
Full product name	MasterColor CDM-T Elite 210W/930 T9 1CT
Short product name	CDM T9 ELITE 210W/930/U/E NA
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677220624
Bar code on case	50046677220629
Logistics code(s)	928601164702
tpd_ilcos_cd	MT-210/30/1A-H-PGZ18
eop_net_weight_pp	0.001 kg

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)

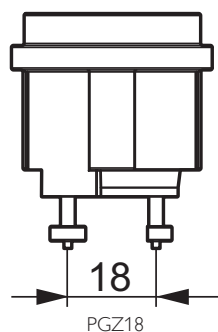
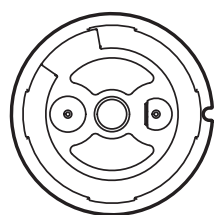
Dimensional drawing



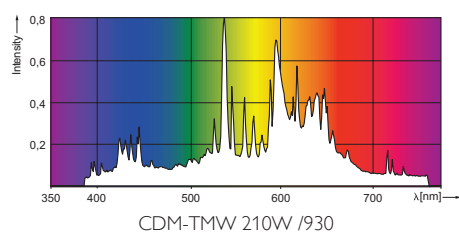
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Product	C (Norm)	C (Max)	D (Norm)	D (Max)
CDM TMW 210W/930 PGZ18 U	186	188	28	29

Dimensional drawing



Photometric data



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www.philips.com/lighting

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data subject to change