



The next generation of white light

MasterColor CDM-T Elite Med Wattage

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.

Benefits

- Excellent color rendering of 90+ CRI.
- Philips "Green Flagship Product" - Low mercury, no lead.
- New socket design provides higher optical efficiency.

Features

- Significant upgrade opportunity over traditional HID systems.
- Viable alternative to fluorescent options.
- Excellent color quality and consistent light output from beginning to end.
- Being 50% smaller than traditional metal halide lamps, MasterColor CDM Elite MW gives freedom in optic and luminaire design.
- Sparkling properties of white light create a more natural and inviting ambience.
- 210 & 315 Watt, 3000 & 4200 color versions. Each powered by a Philips Advance e-Vision electronic ballast.

Application

- Ideal for architectural facade lighting, illumination of pedestrian areas, indoor retail outlets, warehouses, manufacturing facilities.

MasterColor CDM-T Elite Med Wattage

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)

Versions

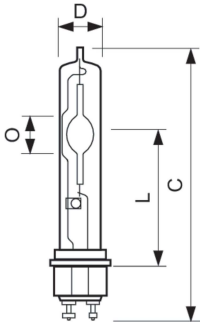


LPPR D-CDM-T PGZ18 TMW28 CL



LPPR D-CDM-T 0001

Dimensional drawing



Product	D	D	C		
CDM-T Elite 210W/930 PGZ18.1CT/12	29 mm	1.1 in	28 mm	188 mm	186 mm
CDM-TP MW 210W/930 PGZX18.1CT/12	1.5 in	38 mm	193 mm		

MasterColor CDM-T Elite Med Wattage

General Information

Operating position UNIVERSAL

Light Technical

Chromaticity Coordinate X (Nom) 0.434
 Chromaticity Coordinate Y (Nom) 0.398
 Colour designation Warm White (WW)
 Correlated Colour Temperature 3000 K
 Colour rendering index (CRI) 90

Operating and Electrical

Voltage (nom.) 100 V
 Power Consumption 210.0 W

Controls and Dimming

Dimmable No

Mechanical and Housing

Lamp Finish Clear

Approval and Application

Energy consumption kWh/1,000 hours 210 kWh

General Information

Order Code	Full Product Name	Cap base
13950800	MASTERColour CDM-TMW Elite 210W/930 1CT	PGZ18
13954600	CDM-TP MW 210W/930 PGZX18.1CT/12	PGZX18

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated) (min.)	Luminous efficacy (rated) (nom.)	Luminous Flux
13950800	MASTERColour CDM-TMW Elite 210W/930 1CT	105 lm/W	114 lm/W	24,000 lm

Order Code	Full Product Name	Luminous efficacy (rated) (min.)	Luminous efficacy (rated) (nom.)	Luminous Flux
13954600	CDM-TP MW 210W/930 PGZX18.1CT/12	101 lm/W	111 lm/W	23,300 lm

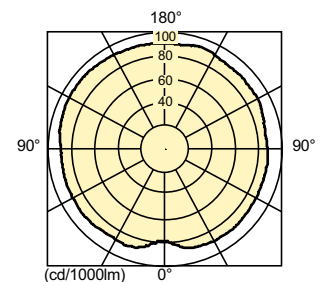
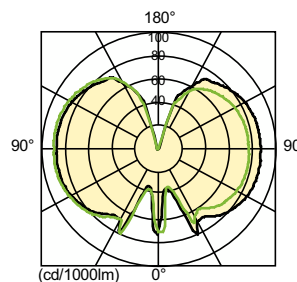
Mechanical and Housing

Order Code	Full Product Name	Bulb shape
13950800	MASTERColour CDM-TMW Elite 210W/930 1CT	TMW28

Order Code	Full Product Name	Bulb shape
13954600	CDM-TP MW 210W/930 PGZX18.1CT/12	T12

Approval and Application

Order Code	Full Product Name	Mercury (Hg) content (max.)
13950800	MASTERColour CDM-TMW Elite 210W/930 1CT	24 mg
13954600	CDM-TP MW 210W/930 PGZX18.1CT/12	23.7 mg



MasterColor CDM-T Elite Med Wattage

