



# 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.

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## 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

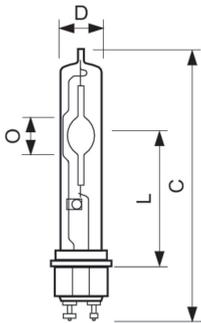


LPPR D-CDM-T PGZ18 TMW28 CL



LPPR D-CDM-T 0001

## Dimensional drawing



Product	D	D	C		
CDM-T Elite 210W/930 PGZ18.1CT/12	29 mm	1.1 inch	28 mm	188 mm	186 mm
CDM-T Elite 315W/942 PGZ18.1CT/12	29 mm	1.1 inch	28 mm	188 mm	186 mm
CDM-TP MW 210W/930 PGZX18.1CT/12	1.5 inch	38 mm	193 mm		

General Information	
Operating Position	UNIVERSAL
Operating and Electrical	
Voltage (Nom)	100 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

## General Information

Order Code	Full Product Name	Cap-Base
13950800	MASTERCOLOR CDM-TMW Elite 210W/930 1CT	PGZ18
54803400	MASTERCOLOR CDM-TMW Elite 315W/942 1CT	PGZ18

Order Code	Full Product Name	Cap-Base
13954600	CDM-TP MW 210W/930 PGZX18.1CT/12	PGZX18

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## Light Technical (1/2)

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Color	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	rendering index (CRI)		
13950800	MASTERColour CDM-TMW Elite 210W/930 1CT	0.434	0.398	Warm White (WW)	3000 K	90	105 lm/W	114 lm/W
54803400	MASTERC CDM-TMW Elite 315W/942 1CT	0.371	0.366	Cool White (CW)	4200 K	93	105 lm/W	112 lm/W
13954600	CDM-TP MW 210W/930 PGZX18.1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	101 lm/W	111 lm/W

## Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux
13950800	MASTERColour CDM-TMW Elite 210W/930 1CT	24,000 lm
54803400	MASTERC CDM-TMW Elite 315W/942 1CT	35,500 lm

Order Code	Full Product Name	Luminous Flux
13954600	CDM-TP MW 210W/930 PGZX18.1CT/12	23,300 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
13950800	MASTERColour CDM-TMW Elite 210W/930 1CT	210.0 W
54803400	MASTERC CDM-TMW Elite 315W/942 1CT	315.9 W

Order Code	Full Product Name	Power Consumption
13954600	CDM-TP MW 210W/930 PGZX18.1CT/12	210.0 W

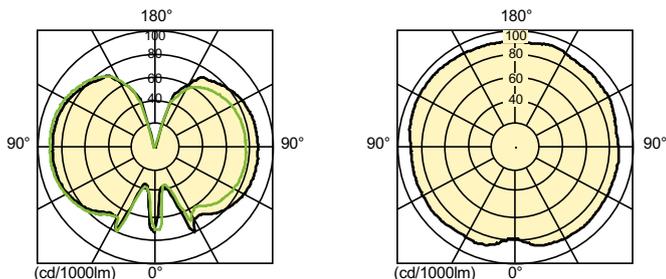
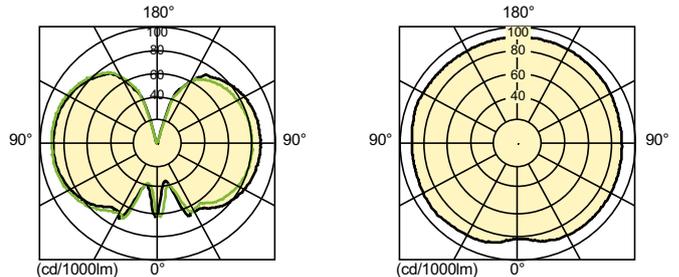
## Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
13950800	MASTERColour CDM-TMW Elite 210W/930 1CT	TMW28
54803400	MASTERC CDM-TMW Elite 315W/942 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	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)
13950800	MASTERColour CDM-TMW Elite 210W/930 1CT	210 kWh	24 mg
54803400	MASTERC CDM-TMW Elite 315W/942 1CT	316 kWh	25 mg
13954600	CDM-TP MW 210W/930 PGZX18.1CT/12	210 kWh	23.7 mg



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