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 an inviting ambience.
- 210 & 315 Watt, 3000 & 4200 color versions. Each powered by an 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
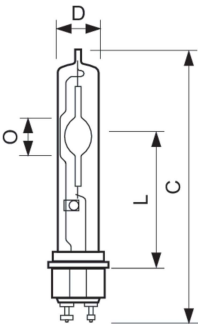
Warnings and Safety

- 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 0001

Dimensional drawing

Product	D	D	C		
CDM Elite TMW 315/942/U/O EU	1.5 inch	38 mm	193 mm		
CDM-T Elite 210W/930 PGZ18.1CT/12	29 mm	1.1 inch	28 mm	188 mm	186 mm
CDM-T Elite 315W/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
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	PGZ18

Order Code	Full Product Name	Cap-Base
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	PGZ18

MasterColor CDM-T Elite Med Wattage

Order Code	Full Product Name	Cap-Base
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	PGZ18
928601167031	CDM-TP MW 210W/930 PGZX18.1CT/12	PGZX18

Order Code	Full Product Name	Cap-Base
928601167331	CDM Elite TMW 315/942/U/O EU	PGZX18

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	112 lm/W	120 lm/W
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	105 lm/W	114 lm/W
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	0.371	0.366	Cool White (CW)	4200 K	93	105 lm/W	112 lm/W
928601167031	CDM-TP MW 210W/930 PGZX18.1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	101 lm/W	111 lm/W
928601167331	CDM Elite TMW 315/942/U/O EU	0.371	0.366	Cool White (CW)	4200 K	93	99 lm/W	109 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	38,000 lm
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	24,000 lm
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	35,500 lm

Order Code	Full Product Name	Luminous Flux
928601167031	CDM-TP MW 210W/930 PGZX18.1CT/12	23,300 lm
928601167331	CDM Elite TMW 315/942/U/O EU	34,300 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	315.9 W
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	210.0 W
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	315.9 W

Order Code	Full Product Name	Power Consumption
928601167031	CDM-TP MW 210W/930 PGZX18.1CT/12	210.0 W
928601167331	CDM Elite TMW 315/942/U/O EU	315.9 W

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	TMW28
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	TMW28
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	TMW28

Order Code	Full Product Name	Bulb Shape
928601167031	CDM-TP MW 210W/930 PGZX18.1CT/12	T12
928601167331	CDM Elite TMW 315/942/U/O EU	T12

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	316 kWh	28 mg
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	210 kWh	24 mg
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	316 kWh	25 mg

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)
928601167031	CDM-TP MW 210W/930 PGZX18.1CT/12	210 kWh	23.7 mg
928601167331	CDM Elite TMW 315/942/U/O EU	316 kWh	25 mg

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www.lighting.philips.com

2024, August 30 – data subject to change