



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.
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- Philips "Green Flagship Product" - Low mercury, no lead.
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- New socket design provides higher optical efficiency.
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Features

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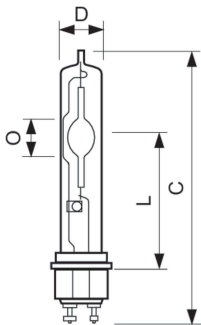
Application

- 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)
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Dimensional drawing



Product	D (max)	D	D	C (max)	C
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

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General Information

Cap-Base	PGZ18
Operating Position	UNIVERSAL

Light Technical

Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K

Operating and Electrical

Voltage (Nom)	100 V
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	TMW28

Light Technical

Order Code	Full Product Name	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	112 lm/W	120 lm/W
928601164731	CDM-T Elite 210W/930 PGZ18.1CT/12	105 lm/W	114 lm/W

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

