



# MasterColor CDM-T Elite Med Wattage



## MASTERC CDM-TMW Elite 315W/942 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.

### 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)

### Product data

General Information	
Cap base	PGZ18 [PGZ18]
Operating position	UNIVERSAL [Any or Universal (U)]
Features	na [Not Applicable]
Flux measurement reference	Sphere
Life to 50% failures (nom.)	30,000 h
Light Technical	
Colour Code	942 [CCT of 4200K]
Luminous Flux	35,500 lm
Colour designation	Cool White (CW)
Saturated Red (R9)	80
Chromaticity Coordinate X (Nom)	0.371

Chromaticity Coordinate Y (Nom)	0.366
Correlated Colour Temperature	4200 K
Luminous efficacy (rated) (min.)	105 lm/W
Luminous efficacy (rated) (nom.)	112 lm/W
Colour rendering index (CRI)	93
Arc Length O (Nom)	14 mm
Operating and Electrical	
Power Consumption	315.9 W
Voltage (nom.)	100 V
Voltage (nom.)	100 V

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Lamp Finish	Clear
Bulb shape	TMW28 [TMW 28 mm]

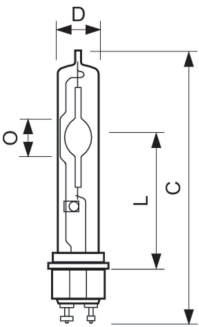
## Approval and Application

Energy Efficiency Class	F
Mercury (Hg) content (max.)	25 mg
Energy consumption kWh/1,000 hours	316 kWh
EPREL registration number	473297

## Product Data

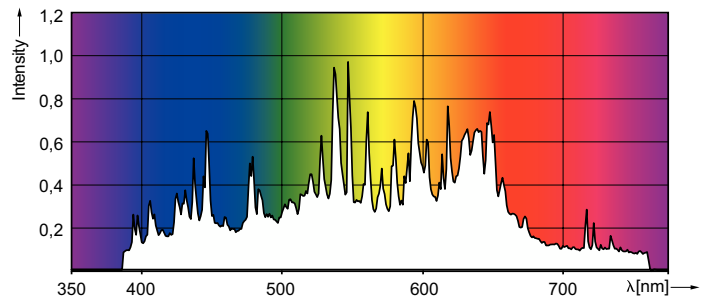
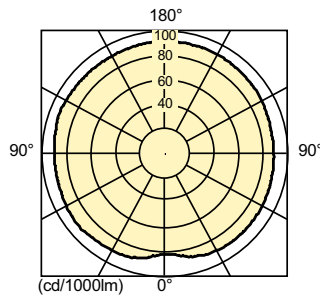
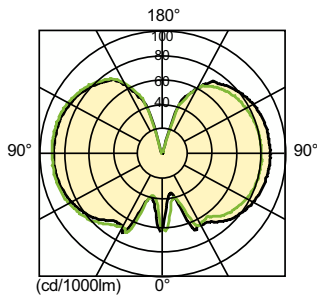
Order product name	CDM-T Elite 315W/942 PGZ18.1CT/12
Full product name	MASTERC CDM-TMW Elite 315W/942 1CT
Full EOC	871829154803400
Order code	54803400
Material no. (12 NC)	928601164831
Local order code	315CDMTTELITE942
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291548034
Numerator – packs per outer box	12
EAN/UPC – Case	8718291548041

## Dimensional drawing



Product	D (max)	D	D	C (max)	C
CDM-T Elite 315W/942 PGZ18.1CT/12	29 mm	1.1 in	28 mm	188 mm	186 mm

## Photometric data

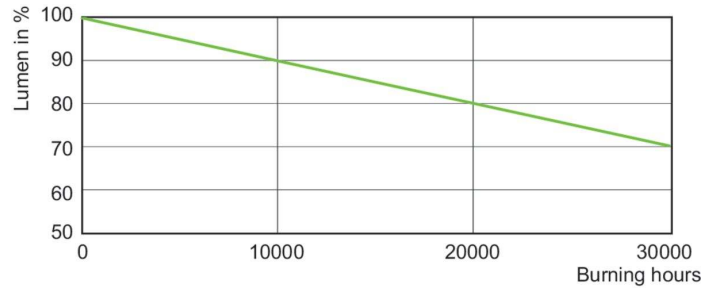
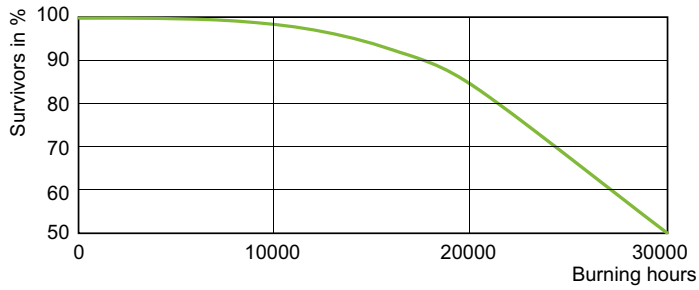


Light Distribution Diagram - CDM-T Elite 315W/942 PGZ18.1CT/12

Spectral Power Distribution Colour - CDM-T Elite 315W/942 PGZ18.1CT/12

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## Lifetime



Life Expectancy Diagram - CDM-T Elite 315W/942 PGZ18.1CT/12

Lumen Maintenance Diagram - CDM-T Elite 315W/942 PGZ18.1CT/12

