



# MasterColor CDM-T Elite Med Wattage

## CDM T12 ELITE 315/942/U/O NA

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	PGZX18. [PGZX18.]
Operating Position	UNIVERSAL [Any or Universal (U)]
Features	Protected (P)
Life to 50% Failures (Nom)	30,000 hour(s)
Light Technical	
Color Code	942 [CCT of 4200K]
Color Designation	Cool White (CW)
Saturated Red (R9)	50
Chromaticity Coordinate X (Nom)	0.376
Chromaticity Coordinate Y (Nom)	0.379
Correlated Color Temperature (Nom)	4140 K

Luminous Efficacy (Rated) (Min)	99 lm/W
Luminous Efficacy (rated) (Nom)	109 lm/W
Color rendering index (CRI)	90
Arc Length O (Nom)	14 mm
Operating and Electrical	
Power Consumption	315.9 W
Voltage (Nom)	100 V
Voltage (Nom)	100 V
Mechanical and Housing	
Bulb Finish	Clear

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Bulb Shape	T12 [38 mm (T12)]
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## Approval and Application

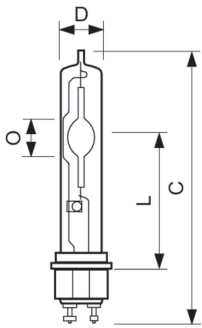
Mercury (Hg) Content (Max)	25 mg
Energy Consumption kWh/1000 h	347 kWh

## Product Data

Order product name	CDM T12 ELITE 315/W/942/U/O NA
Full product name	CDM T12 ELITE 315/942/U/O NA

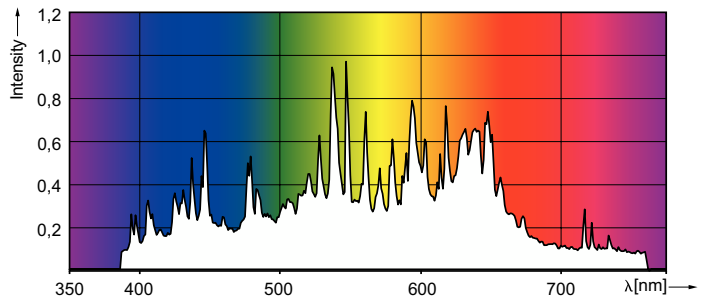
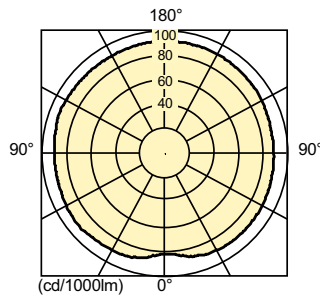
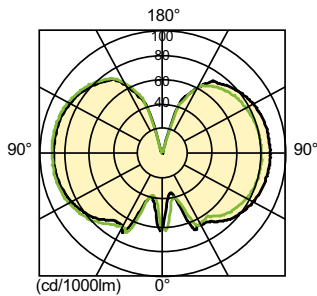
Order code	238097
Material Nr. (12NC)	928601167302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677238094
Numerator - Packs per outer box	12
EAN/UPC - Case	50046677238099

## Dimensional drawing



Product	D	D	C
CDM T12 ELITE 315/W/942/U/O NA	1.5 inch	38 mm	193 mm

## Photometric data

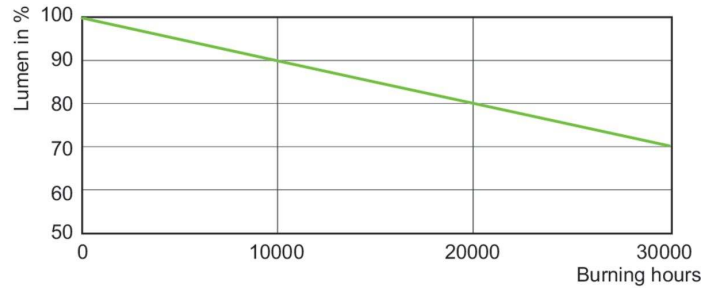
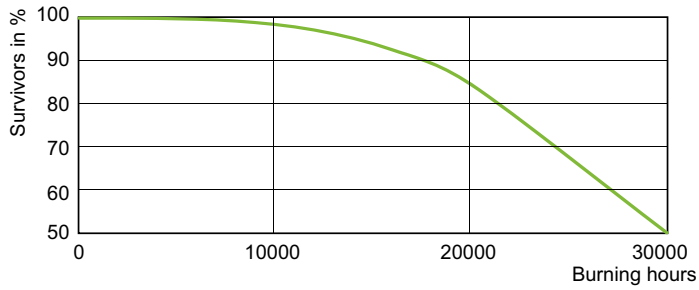


Light Distribution Diagram - CDM T12 ELITE 315/W/942/U/O NA

Spectral Power Distribution Colour - CDM T12 ELITE 315/W/942/U/O NA

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## Lifetime



Life Expectancy Diagram - CDM T12 ELITE 315/W/942/U/O NA

Lumen Maintenance Diagram - CDM T12 ELITE 315/W/942/U/O NA

