



MasterColor CDM-T Elite Med Wattage

CDM T9 ELITE 315W/942/U/E 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	PGZ18 [PGZ18]
Operating Position	UNIVERSAL [Any or Universal (U)]
Features	na [Not Applicable]
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)	80
Chromaticity Coordinate X (Nom)	0.376
Chromaticity Coordinate Y (Nom)	0.379
Correlated Color Temperature (Nom)	4140 K

Luminous Efficacy (Rated) (Min)	105 lm/W
Luminous Efficacy (rated) (Nom)	112 lm/W
Color rendering index (CRI)	93
Arc Length O (Nom)	14 mm
Operating and Electrical	
Power Consumption	315.9 W
Voltage (Nom)	100 V
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Mechanical and Housing	
Bulb Finish	Clear

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Bulb Shape	TMW28 [TMW 28mm]
Approval and Application	
Mercury (Hg) Content (Max)	25 mg
Energy Consumption kWh/1000 h	347 kWh
Product Data	
Order product name	CDM T9 ELITE 315W/942/U/E NA
Full product name	CDM T9 ELITE 315W/942/U/E NA

Order code	928601164802
Material Nr. (12NC)	928601164802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677220648
Numerator - Packs per outer box	12
EAN/UPC - Case	50046677220643

Dimensional drawing

Product	D (max)	D	D	C (max)	C
CDM T9 ELITE 315W/942/U/E NA	29 mm	1.1 inch	28 mm	188 mm	186 mm

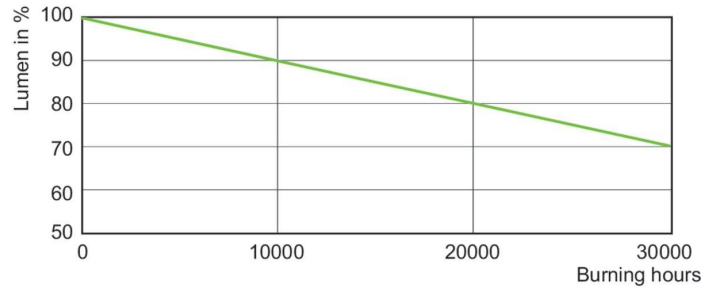
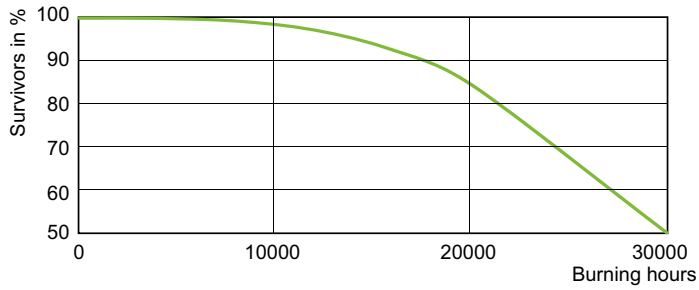
Photometric data

Light Distribution Diagram - CDM T9 ELITE 315W/942/U/E NA

Spectral Power Distribution Colour - CDM T9 ELITE 315W/942/U/E NA

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Lifetime



Life Expectancy Diagram - CDM T9 ELITE 315W/942/U/E NA

Lumen Maintenance Diagram - CDM T9 ELITE 315W/942/U/E NA

