PHILIPS Lighting



MasterColor CDM-T Elite Med Wattage

CDM T12 ELITE 315W/942/U/O GAV

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

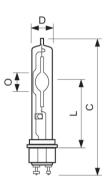
General Information		Luminous Efficacy (Rated) (Min)	99 lm/W
Cap-Base	PGZX18. [PGZX18.]	Luminous Efficacy (rated) (Nom)	109 lm/W
Operating Position	UNIVERSAL [Any or Universal (U)]	Color rendering index (CRI)	90
Features	Protected (P)	Arc Length O (Nom)	14 mm
Life to 50% Failures (Nom)	30,000 hour(s)		
		Operating and Electrical	
Light Technical		Power Consumption	315.9 W
Color Code	942 [CCT of 4200K]	Voltage (Nom)	100 V
Color Designation	Cool White (CW)	Voltage (Nom)	100 V
Saturated Red (R9)	50		
Chromaticity Coordinate X (Nom)	0.373	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	0.371	Bulb Finish	Clear
Correlated Color Temperature (Nom)	4200 K		

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Bulb Shape	T12 [38 mm (T12)]		
Approval and Application			
Mercury (Hg) Content (Max)	25 mg		
Energy Consumption kWh/1000 h	347 kWh		
Product Data			
Order product name	CDM T12 ELITE 315W/942/U/O GAV		
Full product name	CDM T12 ELITE 315W/942/U/O GAV		

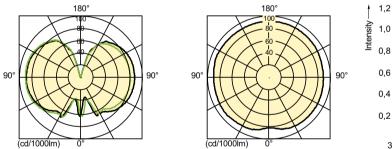
Full product code	871869959213400
Order code	928493300031
Material Nr. (12NC)	928493300031
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699592134
Numerator - Packs per outer box	12
EAN/UPC - Case	8718699592141

Dimensional drawing

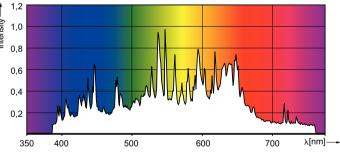


Product	D	D	с
CDM T12 ELITE 315W/942/U/O GAV	1.5 inch	38 mm	193 mm

Photometric data



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



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

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Lifetime



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

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



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