



MASTERColour CDM-T Elite

MASTERColour CDM-T Elite 70W/942 G12 1CT

Single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high color rendering

Warnings and Safety

- · Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- · Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
- · Control gear must include end-of-life protection (IEC61167, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information					
Cap-Base	G12				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Life to 50% Failures (Nom)	15,000 hour(s)				
Light Technical					
Color Code	942 [CCT of 4200K]				
Color Designation	Cool White (CW)				
Chromaticity Coordinate X (Nom)	0.362				
Chromaticity Coordinate Y (Nom)	0.363				
Correlated Color Temperature (Nom)	4200 K				
Luminous Efficacy (rated) (Nom)	100 lm/W				
Color rendering index (CRI)	90				

Arc Length O (Nom)	7.75 mm
Operating and Electrical	
Power Consumption	73.2 W
Voltage (Nom)	87 V
Voltage (Nom)	87 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19

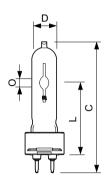
Datasheet, 2023, May 15 data subject to change

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Approval and Application				
Mercury (Hg) Content (Nom)	6.6 mg			
Energy Consumption kWh/1000 h	80 kWh			
Product Data				
Order product name	MASTERC CDM-T Elite 70W/942 G12 1CT			
Full product name	MASTERColour CDM-T Elite 70W/942 G12 1CT			
Full product code	871869648457900			

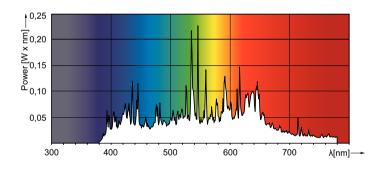
Order code	48457900
Material Nr. (12NC)	928193705129
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696484579
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696484586

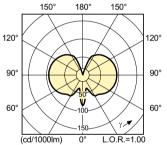
Dimensional drawing

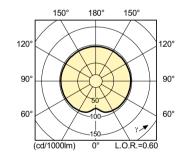


Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 70W/942	20 mm	7.75 mm	55 mm	57 mm	56 mm	103 mm
G12 1CT						

Photometric data





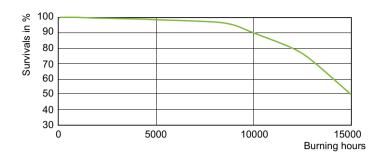


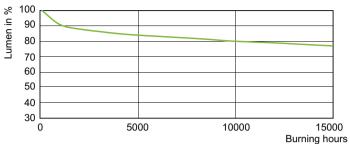
Spectral Power Distribution Colour - MASTERC CDM-T Elite 70W/942 G12 1CT

Light Distribution Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT

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Lifetime





Life Expectancy Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT

Lumen Maintenance Diagram - MASTERC CDM-T Elite 70W/942 G12 1CT



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