



# MASTERColour CDM-T Elite

## MASTERC CDM-T Elite 70W/930 G12 1CT/12

Single-ended, high-efficiency Ceramic Metal Halide discharge lamp

#### Warnings and Safety

- · Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- $\cdot$  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.
- $\cdot$  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 [G12]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere				
Life to 50% Failures (Nom)	20,000 hour(s)				
Light Technical					
Color Code	930 [CCT of 3000K]				
Luminous Flux	7,800 lm				
Color Designation	Warm White (WW)				
Chromaticity Coordinate X (Nom)	0.434				
Chromaticity Coordinate Y (Nom)	0.398				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	103 lm/W				
Color rendering index (CRI)	90				

Arc Length O (Nom)	7.15 mm			
Operating and Electrical				
Power Consumption	73.2 W			
Voltage (Nom)	85 V			
Voltage (Nom)	85 V			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Clear			
Bulb Shape	T19 [T 19mm]			

Datasheet, 2023, April 16 data subject to change

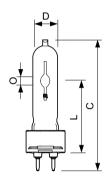
## **MASTERColour CDM-T Elite**

Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	6.6 mg
Mercury (Hg) Content (Nom)	6.6 mg
Energy Consumption kWh/1000 h	74 kWh
EPREL Registration Number	473260
Product Data	

Full product code	872790091141100			
Order code	928185305131			
Material Nr. (12NC)	928185305131			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8727900911411			
Numerator - Packs per outer box	12			
EAN/UPC - Case	8727900911428			

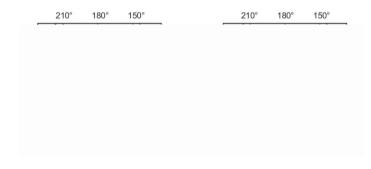
Product Data	
Order product name	MASTERC CDM-T Elite 70W/930 G12 1CT/12
Full product name	MASTERC CDM-T Elite 70W/930 G12 1CT/12

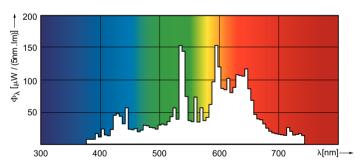
## Dimensional drawing



Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 70W/930	20 mm	7.15 mm	55 mm	57 mm	56 mm	103 mm
G12 1CT/12						

### Photometric data



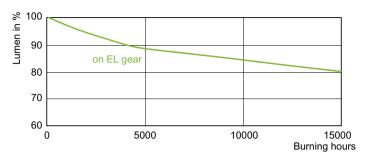


Light Distribution Diagram - MASTERC CDM-T Elite 70W/930 G12 1CT/12

Spectral Power Distribution Colour - MASTERC CDM-T Elite 70W/930 G12 1CT/12

### **MASTERColour CDM-T Elite**

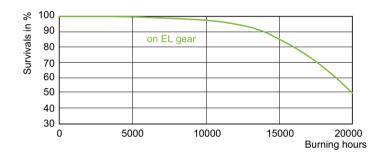
#### Lifetime





Lumen Maintenance Diagram - MASTERC CDM-T Elite 70W/930 G12 1CT/12

Lumen Maintenance Diagram - MASTERC CDM-T Elite 70W/930 G12 1CT/12



Life Expectancy Diagram - MASTERC CDM-T Elite 70W/930 G12 1CT/12



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