# Lighting

**PHILIPS** 



# MASTERColour CDM-T Elite

# MASTERColour 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.
- 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		Arc Length O (Nom)	7.15 mm		
Cap base	G12				
Operating position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical			
Flux measurement reference	Sphere	Power Consumption	73.2 W		
ife to 50% failures (nom.)	20,000 h	Voltage (nom.)	85 V		
		Voltage (nom.)	85 V		
Light Technical					
Colour Code	930 [CCT of 3000K]	Controls and Dimming	Controls and Dimming		
Luminous Flux	7,800 lm	Dimmable	No		
Colour designation	Warm White (WW)				
Chromaticity Coordinate X (Nom)	0.434	Mechanical and Housing			
Chromaticity Coordinate Y (Nom)	0.398	Lamp Finish	Clear		
Correlated Colour Temperature	3000 K	Bulb shape	T19 [T 19 mm]		
Luminous efficacy (rated) (nom.)	103 lm/W				
Colour rendering index (CRI)	90				

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## 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/1,000 hours 74 kWh				
EPREL registration number	473260			
Product Data				
Order product name	MASTERC CDM-T Elite 70W/930 G12 1CT/12			
Full product name	MASTERColour CDM-T Elite 70W/930 G12			
	1CT/12			

Full EOC	872790091141100		
Order code	91141100		
Material no. (12 NC)	928185305131		
Local order code	70CDMTELITE930		
SAP numerator – quantity per pack	1		
EAN/UPC — Product/Case	8727900911411		
Numerator – packs per outer box	12		
EAN/UPC - Case	8727900911428		

#### Dimensional drawing



#### Photometric data





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

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						



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



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



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

2023, April 16 - data subject to change