# Lighting

**PHILIPS** 



# MASTERColour CDM-T Elite

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

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)
- $\cdot$  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		Color rendering index (CRI)	90
Cap-Base	G12 [G12]		
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	73.2 W
Life to 50% Failures (Nom)	20,000 hour(s)	Voltage (Nom)	85 V
		Voltage (Nom)	85 V
Light Technical			
Color Code	930 [CCT of 3000K]	Controls and Dimming	
Luminous Flux	7,800 lumen	Dimmable	No
Color Designation	Warm White (WW)		
Chromaticity Coordinate X (Nom)	0.434	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	0.398	Bulb Finish	Clear
Correlated Color Temperature (Nom)	3000 K	Bulb Shape	T19 [T 19mm]
Luminous Efficacy (rated) (Nom)	103 lm/W		

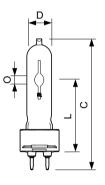
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### MASTERColour CDM-T Elite

Approval and Application			
Energy Efficiency Class	F		
Mercury (Hg) Content (Max)	6.6 mg		
Mercury (Hg) Content (Nom)	6.6 mg		
Energy Consumption kWh/1000 h	74 kWh		
EPREL Registration Number	473260		
Product Data			
Full product code	872790091141100		
Order product name	MASTERC CDM-T Elite 70W/930 G12 1CT/12		

Order code	928185305131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928185305131
Full product name	MASTERC CDM-T Elite 70W/930 G12 1CT/12
EAN/UPC - Case	8727900911428
EAN/UPC - Product/Case	8727900911411

#### Dimensional drawing



D (max)	0	L (min)	L (max)	L	C (max)
20 mm	7.15 mm	55 mm	57 mm	56 mm	103 mm
	• •	<b>D (max) O</b> 20 mm 7.15 mm	. , . ,	(, , , , , ,	D (max) O L (min) L (max) L   20 mm 7.15 mm 55 mm 57 mm 56 mm

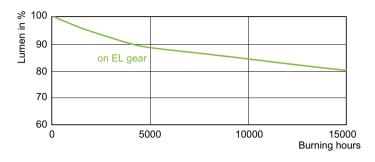
#### Photometric data

210° 180° 150° 210° 180° 150°	150 [(ш] шцу) / № <sup>11</sup> ] <sup>V</sup> 50					
	300	400	500	600	700	λ[nm]— <del>-</del>
Light Distribution Diagram - MASTERC CDM-T Elite 70W/930 G12 1CT/12	Spectral Pow	er Distributior	Colour - MAS	TERC CDM-T	Elite 70W/93	0 G12

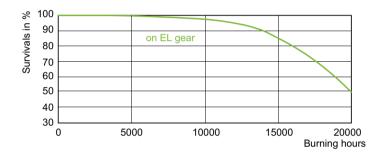
1CT/12

#### 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



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



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