PHILIPS Lighting



MASTERColour CDM-T Fresh

MASTERColour CDM-T Fresh 70W/740 G12 1CT

Single-ended, high-efficiency Ceramic Metal Halide discharge lamp with special color enhancement properties

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
- 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 [G12]		
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Life to 50% Failures (Nom)	15,000 hour(s)	Power Consumption	73.0 W
		Voltage (Nom)	83 V
Light Technical		Voltage (Nom)	83 V
Color Code	740 [CCT of 4000K]		
Color Designation	Cool White (CW)	Controls and Dimming	
Chromaticity Coordinate X (Nom)	0.380	Dimmable	No
Chromaticity Coordinate Y (Nom)	0.382		
Correlated Color Temperature (Nom)	4000 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	82 lm/W	Bulb Finish	Clear
Color rendering index (CRI)	70	Bulb Shape	T19 [T 19mm]

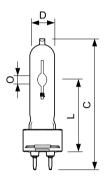
MASTERColour CDM-T Fresh

Approval and Application	
Mercury (Hg) Content (Nom)	6 mg
Energy Consumption kWh/1000 h	80 kWh
Product Data	

Order product name	MASTERColour CDM-T Fresh 70W/740 G12 1CT
Full product name	MASTERColour CDM-T Fresh 70W/740 G12 1CT
Full product code	871829112544000

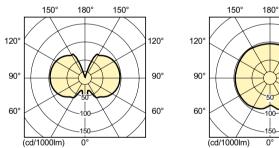
Order code	12544000
Material Nr. (12NC)	928196405131
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291125440
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291125457

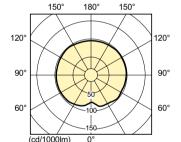
Dimensional drawing



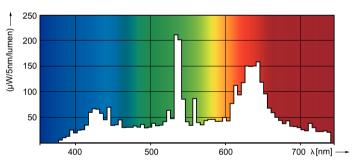
Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERColour CDM-T Fresh	20 mm	7.15 mm	55 mm	57 mm	56 mm	103 mm
70W/740 G12 1CT						

Photometric data





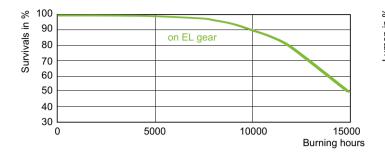
Light Distribution Diagram - MASTERColour CDM-T Fresh 70W/740 G12 1CT



Spectral Power Distribution Colour - MASTERColour CDM-T Fresh 70W/740 G12 1CT

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Lifetime



Life Expectancy Diagram - MASTERColour CDM-T Fresh 70W/740 G12 1CT

\$° 100 90 80 70 60 0 5000 10000 15000 Burning hours

Lumen Maintenance Diagram - MASTERColour CDM-T Fresh 70W/740 G12 1CT



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