

MASTERColour CDM-TC Fresh

MASTERColour CDM-TC Fresh 70W/740 G8.5

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

Product data

• General Information

Cap-Base	G8.5 [G8.5]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life To 5% Failures (Nom)	9000 h
Life To 10% Failures (Nom)	10000 h
Life To 20% Failures (Nom)	12000 h
Life To 50% Failures (Nom)	15000 h
ANSI Code HID	-

• Light Technical

Color Code	740 [CCT of 4000K]
Luminous Flux (Rated) (Min)	5300 lm
Luminous Flux (Rated) (Nom)	6000 lm
Color Designation	Cool White (CW)
Lumen Maintenance 12000 h (Nom)	79 %
Lumen Maintenance 2000 h (Nom)	92 %
Chromaticity Coordinate X (Nom)	0.386
Chromaticity Coordinate Y (Nom)	0.385
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	82 lm/W
Color Rendering Index (Min)	67
Color Rendering Index (Nom)	70

• Operating and Electrical

Power (Rated) (Nom)	73.0 W
Lamp Current Run-Up (Max)	2 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	90 V
Voltage (Min)	78 V
Voltage (Nom)	83 V

• Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

• Mechanical and Housing

Bulb Finish	Clear

• Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	6 mg

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MASTERColour CDM-TC Fresh

Energy Consumption kWh/1000 h	80 kWh

- UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4

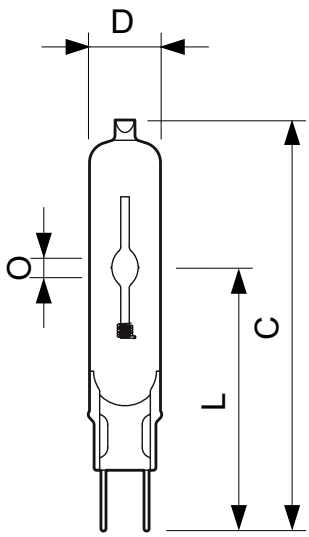
- Luminaire Design Requirements

Bulb Temperature (Max)	550 °C
Pinch Temperature (Max)	300 °C

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

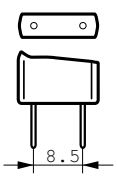
Dimensional drawing



CDM-TC Elite

CDM-TC Elite 70W/740 G8.5

Product	D	O	L	L	L	C
MASTERColour CDM-TC Fresh 70W/740 G8.5	15 mm	7.15 mm	51 mm	53 mm	52 mm	85 mm

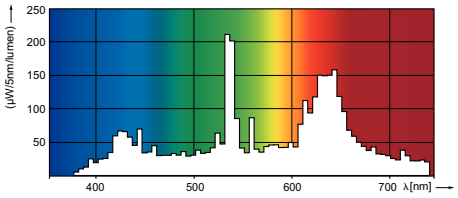


- Product Data

Full product code	871829116329900
Order product name	MASTERColour CDM-TC Fresh 70W/740 G8.5
EAN/UPC - Product	8718291163299
Order code	928196705131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928196705131
Net Weight (Piece)	0.010 kg
ILCOS Code	MT/UB-70/740-H-G8.5-17/85

- 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.

Photometric data



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