



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

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
- 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	G8.5 [G8.5]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 50% Failures (Nom)	15,000 hour(s)
Light Technical	
Color Code	740 [CCT of 4000K]
Color Designation	Cool White (CW)
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 (CRI)	70

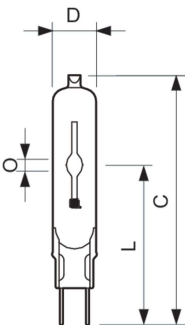
Arc Length O (Nom)	7.15 mm
Operating and Electrical	
Power Consumption	73.0 W
Voltage (Nom)	83 V
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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T14 [T 14 mm]

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Approval and Application	
Mercury (Hg) Content (Nom)	6 mg
Energy Consumption kWh/1000 h	80 kWh
Product Data	
Order product name	MASTERColour CDM-TC Fresh 70W/740 G8.5
Full product name	MASTERColour CDM-TC Fresh 70W/740 G8.5
Full product code	871829116329900

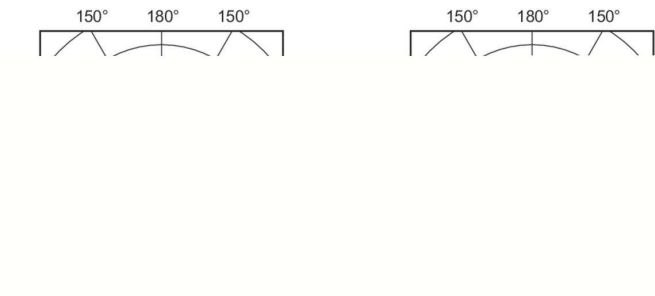
Order code	928196705131
Material Nr. (12NC)	928196705131
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291163299
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291163305

Dimensional drawing

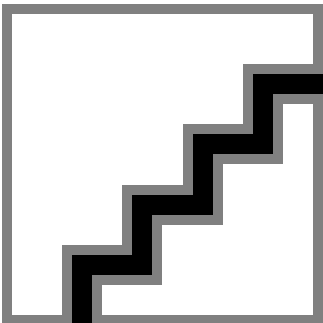


Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERColour CDM-TC Fresh 70W/740 G8.5	15 mm	7.15 mm	51 mm	53 mm	52 mm	85 mm

Photometric data



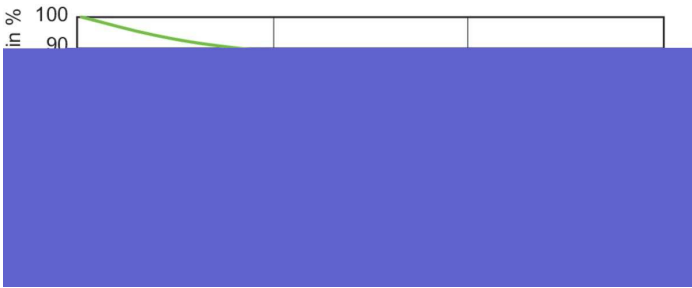
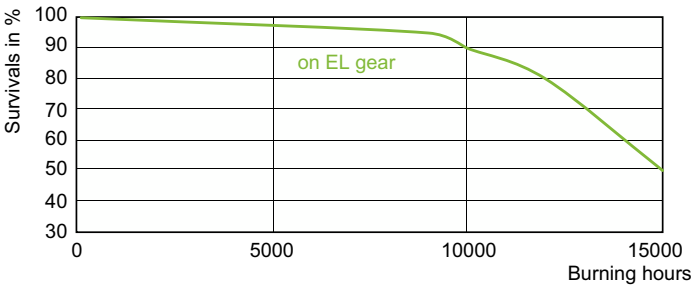
Light Distribution Diagram - MASTERColour CDM-TC Fresh 70W/740 G8.5



Spectral Power Distribution Colour - MASTERColour CDM-TC Fresh 70W/740 G8.5

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Lifetime



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

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

