

MASTERColour CDM-TC Elite

MASTERColour CDM-TC Elite 70W/942 G8.5 1CT

Compact, single-ended, very high-efficiency, long-life ceramic metal-halide discharge lamp producing crisp white sparkling light with high color rendering

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	942 [CCT of 4200K]
Luminous Flux (Rated) (Min)	6700 lm
Luminous Flux (Rated) (Nom)	7450 lm
Color Designation	Cool White (CW)
Lumen Maintenance 12000 h (Nom)	80 %
Lumen Maintenance 10000 h (Nom)	81 %
Lumen Maintenance 2000 h (Nom)	88 %
Lumen Maintenance 5000 h (Nom)	85 %
Chromaticity Coordinate X (Nom)	0.365
Chromaticity Coordinate Y (Nom)	0.363
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color Rendering Index (Min)	89
Color Rendering Index (Nom)	92

• Operating and Electrical

Power (Rated) (Nom)	73.0 W
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	94 V
Voltage (Min)	82 V
Voltage (Nom)	88 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)	6.5 mg
Energy Consumption kWh/1000 h	80 kWh

PHILIPS

MASTERColour CDM-TC Elite

- UV

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

- Luminaire Design Requirements

Bulb Temperature (Max)	500 °C
Pinch Temperature (Max)	300 °C

- Product Data

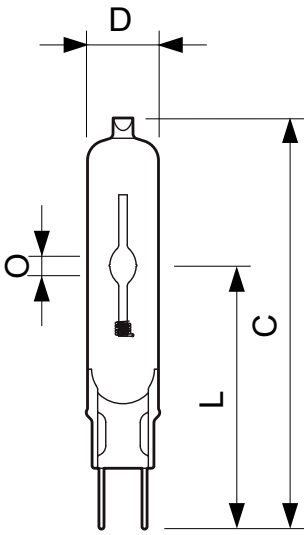
Full product code	871829116368800

Order product name	MASTERColour CDM-TC Elite 70W/942 G8.5 1CT
EAN/UPC - Product	8718291163688
Order code	928193905131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928193905131
Net Weight (Piece)	0.009 kg
ILCOS Code	MT/UB-70/942-H-G8.5-17/85

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.

Dimensional drawing

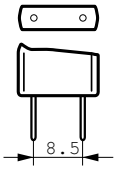


CDM-TC Elite

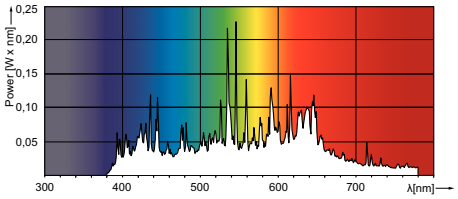
CDM-TC Elite 70W/942 G8.5

Product	D	O	L	L	L	C
MASTERColour CDM-TC Elite 70W/942 G8.5 1CT	15 mm	7.75 mm	51 mm	53 mm	52 mm	85 mm

Dimensional drawing



Photometric data



© 2015 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2015, December 28
data subject to change