



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		Luminous Efficacy (Rated) (Nom)	
Cap-Base	G8.5 [G8.5]	Color Rendering Index (Min)	89
Operating Position	UNIVERSAL [Any or Universal (U)]	Color Rendering Index (Nom)	92
Life to 5% Failures (Nom)	9000 h	Operating and Electrical	
Life to 10% Failures (Nom)	10000 h	Power (Rated) (Nom)	73.0 W
Life to 20% Failures (Nom)	12000 h	Ignition Supply Voltage (Min)	198 V
Life to 50% Failures (Nom)	15000 h	Re-Ignition Time (Min) (Max)	15 min
ANSI Code HID	-	Ignition Time (Max)	30 s
Light Technical		Voltage (Max)	94 V
Color Code	942 [CCT of 4200K]	Voltage (Min)	82 V
Luminous Flux (Rated) (Min)	6700 lm	Voltage (Nom)	88 V
Luminous Flux (Rated) (Nom)	7450 lm	Controls and Dimming	
Color Designation	Cool White (CW)	Dimmable	No
Lumen Maintenance 12000 h (Nom)	80 %	Run-Up Time 90% (Max)	3 min
Lumen Maintenance 10000 h (Nom)	81 %	Mechanical and Housing	
Lumen Maintenance 2000 h (Nom)	88 %	Bulb Finish	Clear
Lumen Maintenance 5000 h (Nom)	85 %		
Chromaticity Coordinate X (Nom)	0.365		
Chromaticity Coordinate Y (Nom)	0.363		
Correlated Color Temperature (Nom)	4200 K		

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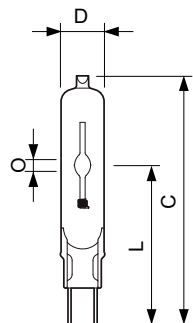
Approval and Application	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	6.6 mg
Energy Consumption kWh/1000 h	80 kWh
UV	
Pst (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4
Luminaire Design Requirements	
Bulb Temperature (Max)	500 °C
Pinch Temperature (Max)	300 °C

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

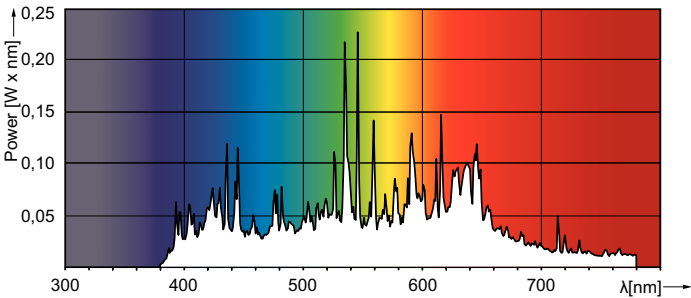


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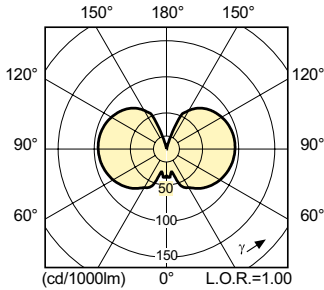
Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERColour CDM-TC Elite 70W/942 G8.5 1CT	15 mm	7.75 mm	51 mm	53 mm	52 mm	85 mm

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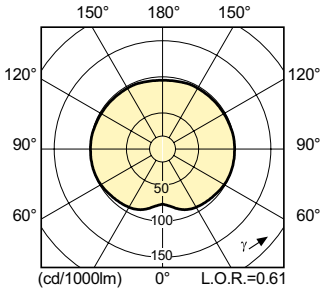
Photometric data



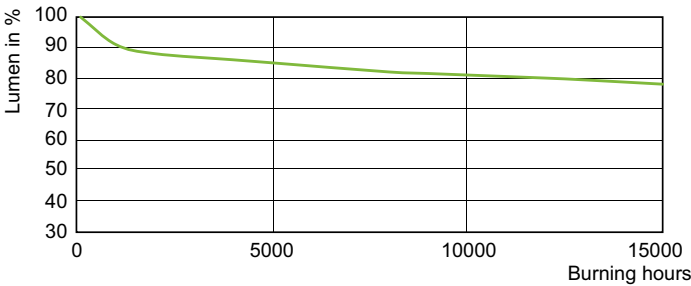
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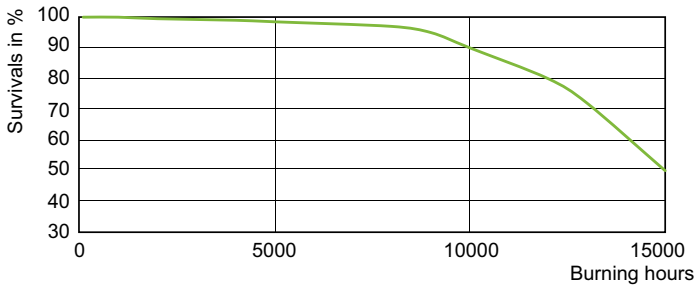
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Lifetime



CDM-TC Elite 70W Lumen Maintenance /942



CDM-TC Elite 70W Life Expectancy /942

