MASTERColour CDM-TC Elite

MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12

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)	12000 h
Life to 10% Failures (Nom)	14000 h
Life to 20% Failures (Nom)	16000 h
Life to 50% Failures (Nom)	20000 h
ANSI Code HID	C130/E

Light Technical

Color Code	930 [CCT of 3000K]
Luminous Flux (Rated) (Min)	3600 lm
Luminous Flux (Rated) (Nom)	4000 lm
Color Designation	Warm White (WW)
Lumen Maintenance 12000 h (Nom)	78 %
Lumen Maintenance 10000 h (Nom)	80 %
Lumen Maintenance 2000 h (Nom)	93 %
Lumen Maintenance 5000 h (Nom)	88 %
Chromaticity Coordinate X (Nom)	0.435
Chromaticity Coordinate Y (Nom)	0.396
Correlated Color Temperature (Nom)	3000 K

Luminous Efficacy (Rated) (Nom)	102 lm/W
Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90

Operating and Electrical

Power (Rated) (Nom)	39.0 W
Lamp Current Run-Up (Max)	1 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)	80 V
Voltage (Nom)	85 V

Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min
Run-Up Time 90% (Nom)	1.5 min

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Mechanical and Housing	
Bulb Finish	Clear

Approval and Application	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	4.7 mg
Energy Consumption kWh/1000 h	43 kWh

UV	
Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.3

Luminaire Design Requirements	
Bulb Temperature (Max)	500 °C

Pinch Temperature (Max)	300 °C

Product Data	
Full product code	872790091149700
Order product name	MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12
EAN/UPC - Product	8727900911497
Order code	928189105131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928189105131
Net Weight (Piece)	0.009 kg
ILCOS Code	MT/UB-35/930-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.
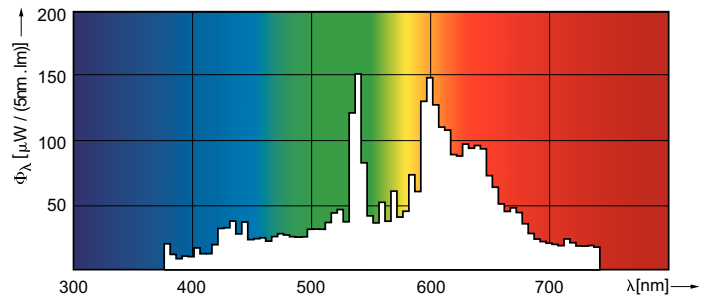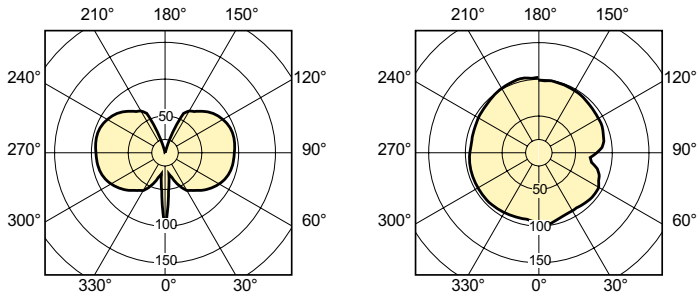
Dimensional drawing
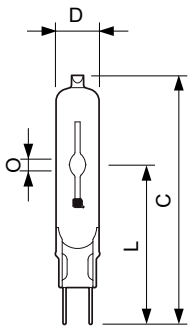
CDM-TC Elite 35W/930 G8.5

Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12	15 mm	4.8 mm	51 mm	53 mm	52 mm	85 mm

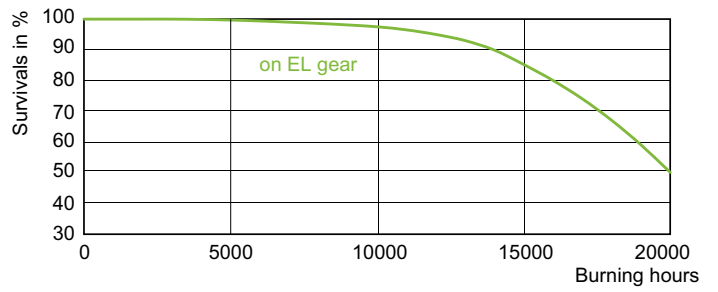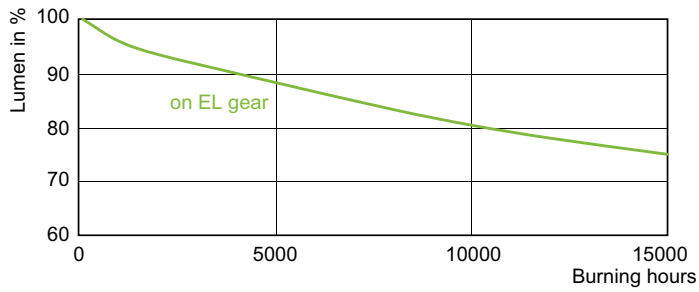# MASTERColour CDM-TC Elite

Photometric data

CDM-TC Elite 35W /842, /930

CDM-TC Elite 35W /930

Lifetime

CDM-TC Elite 35W Lumen Maintenance /930

CDM-TC Elite 35W, 50W, 70W Life Expectancy /930