



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		Luminous Efficacy (rated) (Nom)	
Cap-Base	G8.5 [G8.5]	Color Rendering Index (Min)	87
Operating Position	UNIVERSAL [Any or Universal (U)]	Color Rendering Index (Nom)	90
Life to 5% Failures (Nom)	12000 h	Operating and Electrical	
Life To 10% Failures (Nom)	14000 h	Power (Nom)	39.1 W
Life to 20% Failures (Nom)	16000 h	Lamp Current Run-Up (Max)	1 A
Life to 50% Failures (Nom)	20000 h	Ignition Supply Voltage (Max)	198 V
ANSI Code HID	C130/E	Ignition Peak Voltage (Max)	5000 V
Light Technical		Ignition Supply Voltage (Min)	198 V
Color Code	930 [CCT of 3000K]	Re-Ignition Time (Min) (Max)	15 min
Luminous Flux (Rated) (Min)	3600 lm	Ignition Time (Max)	30 s
Luminous Flux (Rated) (Nom)	4000 lm	Voltage (Max)	90 V
Color Designation	Warm White (WW)	Voltage (Min)	80 V
Lumen Maintenance 12000 h (Nom)	78 %	Voltage (Nom)	85 V
Lumen Maintenance 10000 h (Nom)	80 %	Controls and Dimming	
Lumen Maintenance 2000 h (Nom)	93 %	Dimmable	No
Lumen Maintenance 5000 h (Nom)	88 %	Run-Up Time 90% (Max)	3 min
Chromaticity Coordinate X (Nom)	0.435	Run-Up Time 90% (Nom)	1.5 min
Chromaticity Coordinate Y (Nom)	0.396		
Correlated Color Temperature (Nom)	3000 K		

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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

Dimensional drawing

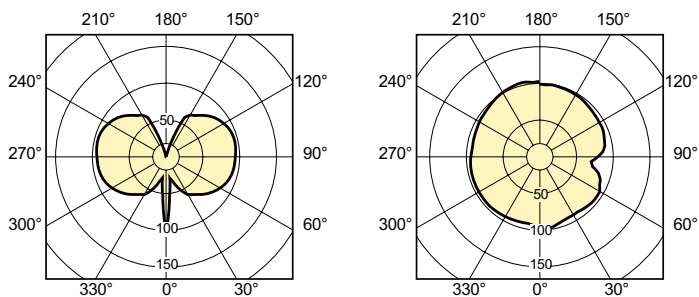
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Product Data	
Full product code	872790091149700
Order product name	MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12
EAN/UPC - Product	8727900911497
Order code	928189105131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928189105131
Net Weight (Piece)	0.009 kg
ILCOS Code	MT/UB-35/930-H-G8.5-17/85

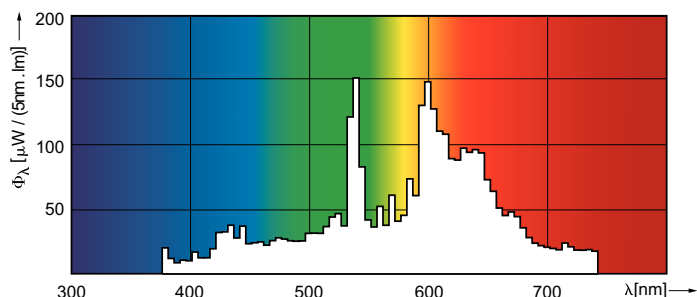
Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12	15 mm	4.8 mm	51 mm	53 mm	52 mm	85 mm

CDM-TC Elite 35W/930 G8.5

Photometric data



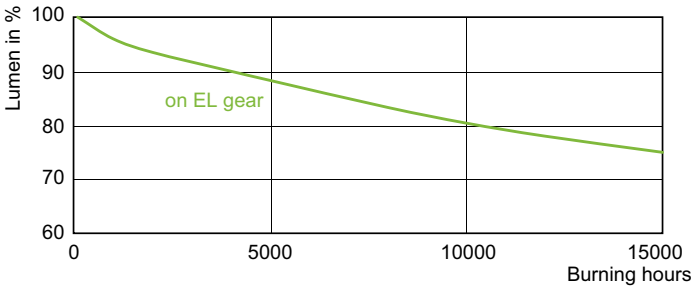
LDLD_CDMTC-E_0001-Light distribution diagram



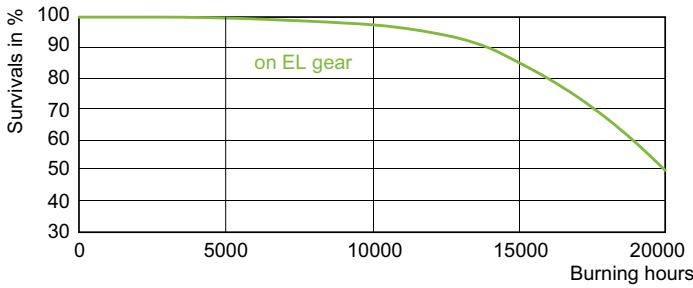
LDPO_CDMTC-E_0001-Spectral power distribution Colour

MASTERC colour CDM-TC Elite

Lifetime



LDLM_CDMTC-E_0001-Lumen maintenance diagram



LDLE_CDMTC-E_0002-Life expectancy diagram

