



MASTERCoulour CDM-T

MASTERCoulour CDM-T 70W/942 G12 1CT/12

Range of single-ended, compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

Product data

General Information	
Cap-Base	G12 [G12]
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)	11000 h
Life to 50% Failures (Nom)	12000 h
ANSI Code HID	C139/E
Light Technical	
Color Code	942 [CCT of 4200K]
Luminous Flux (Rated) (Nom)	6200 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	65 %
Lumen Maintenance 2000 h (Min)	75 %
Lumen Maintenance 2000 h (Nom)	85 %
Lumen Maintenance 5000 h (Min)	65 %
Lumen Maintenance 5000 h (Nom)	75 %
Chromaticity Coordinate X (Nom)	0.377
Chromaticity Coordinate Y (Nom)	0.376
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	85 lm/W

Color Rendering Index (Nom)	92
Operating and Electrical	
Power (Nom)	73.2 W
Lamp Current Run-Up (Max)	1.4 A
Lamp Current (EM) (Nom)	0.98 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Ignition Peak Voltage (Min)	3500 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	96 V
Voltage (Min)	80 V
Voltage (Nom)	88 V
Controls and Dimming	
Dimmable	No
Run-Up Time 90% (Max)	3 min

MASTERCcolour CDM-T

Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	6.1 mg
Energy Consumption kWh/1000 h	80 kWh

UV

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

Luminaire Design Requirements

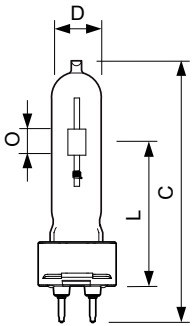
Bulb Temperature (Max)	500 °C
Cap-Base Temperature (Max)	280 °C

Pinch Temperature (Max)	350 °C
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Product Data

Full product code	871869648449400
Order product name	MASTERCcolour CDM-T 70W/942 G12 1CT/12
EAN/UPC - Product	8718696484494
Order code	928084505129
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928084505129
Net Weight (Piece)	29.000 g
ILCOS Code	MT/UB-70/942-H-G12-20/90

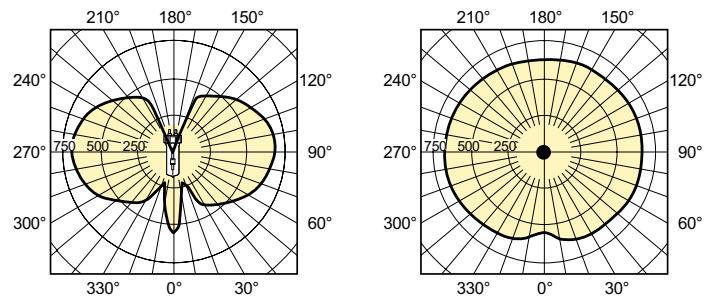
Dimensional drawing



CDM-T 70W/942 G12

Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERCcolour CDM-T	20 mm	0.75 in	6 mm	55 mm	57 mm	56	103 mm
70W/942 G12 1CT/12						mm	

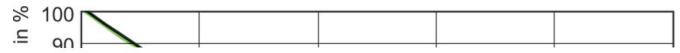
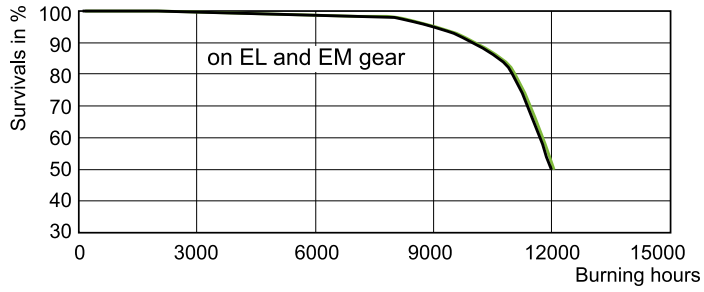
Photometric data



LDLD_CDM-T_70W_830_942-Light distribution diagram

MASTERCcolour CDM-T

Lifetime



LDLE_CDM-T_70W_942-Life expectancy diagram

