

MASTERColour CDM-T Elite

MASTERC CDM-T ELITE 150W/930 G12 1CT/12

Single-ended, high-efficiency Ceramic Metal Halide discharge lamp

Product data

General Information	
Cap base	G12 [G12]
Operating position	P10 [Parallel +/-10D or Horizontal(HOR)]
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	-

Light Technical	
Colour code	930 [CCT of 3000K]
Luminous flux (rated) (nom.)	15000 lm
Colour designation	Warm white (WW)
Lumen maintenance 1,000 hours (nom.)	95 %
Lumen maintenance 12,000 hours (nom.)	73 %
Lumen maintenance 10,000 hours (nom.)	75 %
Lumen maintenance 2,000 hours (nom.)	91 %
Lumen maintenance 4,000 hours (nom.)	86 %
Lumen maintenance 5,000 hours (nom.)	84 %
Chromaticity coordinate X (nom.)	0.443
Chromaticity coordinate Y (nom.)	0.391
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	100 lm/W
Color rendering index (min.)	89
Color rendering index (nom.)	92

Operating and Electrical	
Power (Rated) (Min)	149.0 W
Power (Rated) (Nom)	150 W
Lamp current run-up (max.)	2.5 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)	98 V
Voltage (Min)	86 V
Voltage (Nom)	92 V

Controls and Dimming	
Dimmable	no
Run-up time 90% (max.)	3 min

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Mechanical and Housing	
Bulb finish	Clear (CL)

Approval and Application	
Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	9.5 mg
Energy Consumption kWh/1000 h	164 kWh

UV	
PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.3

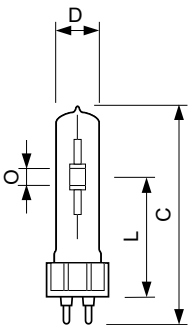
Luminaire Design Requirements	
Bulb temperature (max.)	650 °C
Cap base temperature (max.)	280 °C
Pinch temperature (max.)	350 °C

Product Data	
Full product code	871150021312915
Order product name	MASTERColour CDM-T Elite 150W/930 G12 1CT/12
EAN/UPC – product	8711500213129
Order code	21312915
Local Code	150CDMTELITE930
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928094705125
Net weight (piece)	0.031 kg
ILCOS Code	MT/UB-150/930-H-G12-21/100

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. 35W & 70W lamps may also use electromagnetic 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-T Elite 150W/930 G12

Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERColour CDM-T Elite 150W/930 G12 1CT/12	20 mm	9 mm	55 mm	57 mm	56 mm	110 mm

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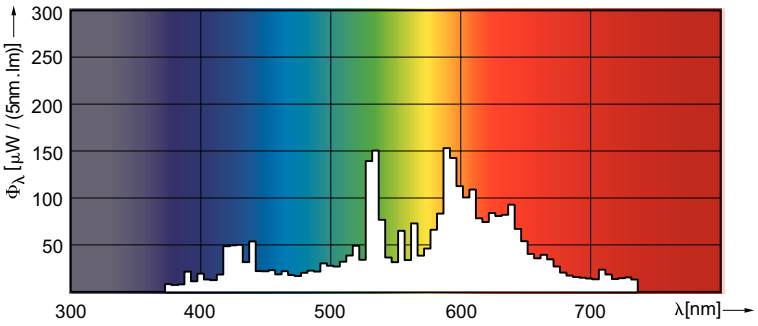
Photometric data



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