



# MASTERColour CDM-T Elite

MASTERColour CDM-T Elite 150W/930 G12 1CT

Single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high color rendering

## Product data

### • General Characteristics

Cap-Base	G12
Bulb	T19 [T 19mm]
Bulb Finish	Clear
Operating Position	p10 [Parallel +/-10D or Horizontal(HOR)]
Life to 5% failures EL	9000 hr
Life to 10% failures EL	10000 hr
Life to 20% failures EL	11000 hr
Life to 50% failures EL	12000 hr

### • Light Technical Characteristics

Color Code	930 [CCT of 3000K]
Color Rendering Index	89 (min), 92 (nom) Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Color Temperature Technical	2800 K
Luminous Flux Lamp EL	15000 Lm
Luminous Efficacy Lamp EL	100 Lm/W
Lumen Maintenance EL 1000h	95 %
Lumen Maintenance EL 2000h	91 %
Lumen Maintenance EL 4000h	86 %
Lumen Maintenance EL 5000h	84 %

Lumen Maintenance EL 8000h	79 %
Lumen Maintenance EL 10000h	75 %
Lumen Maintenance EL 12000h	73 %
Design Mean Lumens EL	12700 Lm
Chromaticity Coordinate X	0.443 -
Chromaticity Coordinate Y	0.391 -

### • Electrical Characteristics

System Power EL	167 W
Lamp Wattage	150 W
Lamp Wattage EL 25°C, Rated	149.0 W
Lamp Wattage EL 25°C, Nominal	150.0 W
Lamp Voltage	92 V
Lamp Current EL	1.65 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	No

### • Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	9.5 mg
Energy consumption kWh/1000h	163 kWh



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## • UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.3 (max) - 8 (min) h500lx
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## • Luminaire Design Requirements

Cap-Base Temperature	280 (max) C
Pinch Temperature	350 (max) C
Bulb Temperature	650 (max) C

## • Product Dimensions

Reference Length A	96 (max) mm
Overall Length C	110 (max) mm
Diameter D	20 (max) mm
Light Center Length L	55 (min), 56 (nom), 57 (max) mm
Arc Length O	9 mm
Light Center Length L [inch]	2.16 (min), 2.20 (nom), 2.24 (max) in

Overall Length C [inch]	4.34 (max) in
Diameter D [inch]	0.79 (max) in

## • Product Data

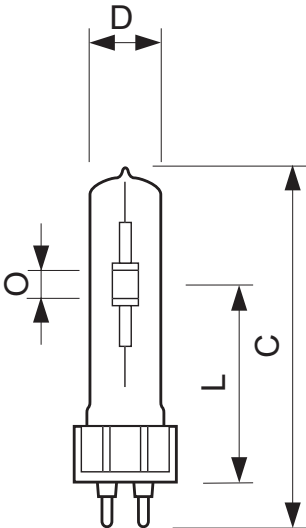
Order code	928094705125
Full product code	928094705125
Full product name	MASTERColour CDM-T Elite 150W/930 G12 1CT
Order product name	MASTERC CDM-T Elite 150W/930 G12 1CT
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500213129
Bar code on outerbox - EAN3	8711500213136
Logistic code(s) - 12NC	928094705125
ILCOS code	MT/UB-150/930-H-G12-21/100
Net weight per piece	0.031 kg

## 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)

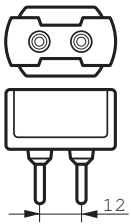
## Dimensional drawing



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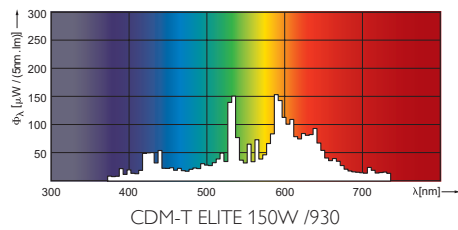
Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-T Elite 150W/930 G12	110	20	55	56	57	9

## Dimensional drawing



G12

## Photometric data



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data subject to change