



# MASTERColour CDM-T Elite

## MASTERColour CDM-T Elite 150W/930 G12 1CT/12

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

### 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.

### Product data

General Information		Lumen maintenance 10,000 hours (nom.) 75 %	
Cap base	G12 [ G12]	Lumen maintenance 2,000 hours (nom.)	91 %
Burning Position	P10 [ Parallel +/-10D or Horizontal(HOR)]	Lumen maintenance 4,000 hours (nom.)	86 %
Life to 5% failures (nom.)	9000 h	Lumen maintenance 5,000 hours (nom.)	84 %
Life to 10% failures (nom.)	10000 h	Chromaticity coordinate X (nom.)	0.443
Life to 20% failures (nom.)	11000 h	Chromaticity coordinate Y (nom.)	0.391
Life to 50% failures (nom.)	12000 h	Colour Temperature, horizontal (Nom)	3000 K
ANSI code HID	-	Lamp Luminous Efficacy EM (Nom)	98 lm/W
		Colour Rendering Index,horiz (Min)	89
		Colour Rendering Index,horiz (Nom)	92
Light Technical		Operating and Electrical	
Colour Code	930 [ CCT of 3,000 K]	Power (Rated) (Nom)	150.1 W
Lamp Luminous Flux (Nom)	14600 lm	Lamp current run-up (max.)	2.5 A
Colour Designation	Warm white (WW)	Ignition supply voltage (max.)	198 V
Lumen maintenance 1,000 hours (nom.)	95 %		
Lumen maintenance 12,000 hours (nom.)	73 %		

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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

## Mechanical and Housing

Lamp Finish	Clear
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## Approval and Application

Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	9.5 mg
Energy consumption kWh/1,000 hours	164 kWh

## UV

PET (NIOSH) (min.)	8 h/500lx
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Damage factor D/fc (max.)	0.3
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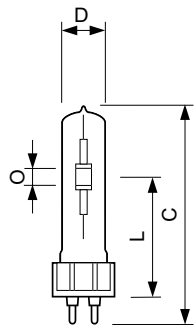
## Luminaire Design Requirements

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	MASTERCLOUR CDM-T Elite 150W/930 G12 1CT/12
EAN/UPC – product	8711500213129
Order code	928094705125
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	928094705125
SAP net weight (piece)	0.031 kg
ILCOS code	MT/UB-150/930-H-G12-21/100

## Dimensional drawing

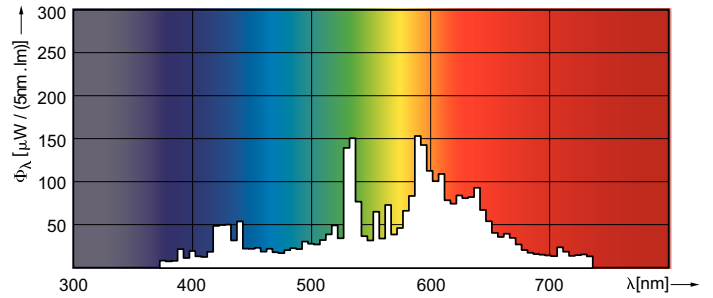
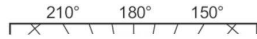
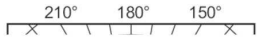


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Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERCLOUR CDM-T Elite 150W/930 G12 1CT/12	20 mm	9 mm	55 mm	57 mm	56 mm	110 mm

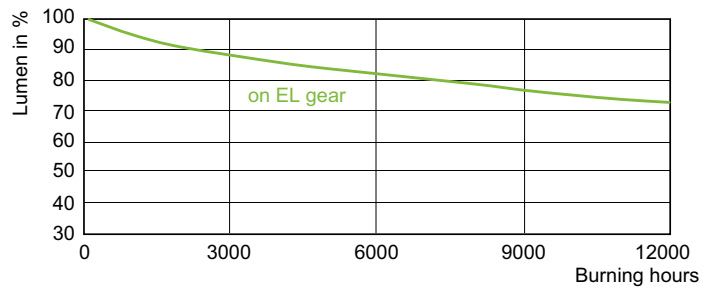
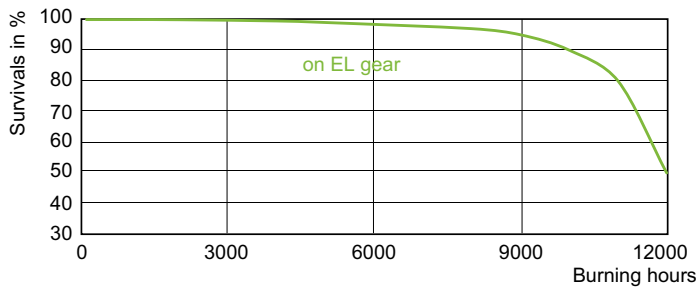
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## Photometric data



LDPO\_CDM-T-E\_150W\_930-Spectral power distribution Colour

## Lifetime



LDLE\_CDM-T-E\_150W\_930-Life expectancy diagram

