



MASTERColour CDM-T Elite

MASTERC CDM-T Elite 100W/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)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- 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.
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Product data

General Information	
Cap-Base	G12 [G12]
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	20,000 hour(s)
Light Technical	
Color Code	930 [CCT of 3000K]

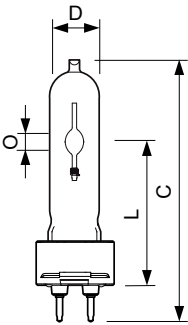
Luminous Flux	11,000 lm
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	92

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Arc Length O (Nom)	8.5 mm
Operating and Electrical	
Power Consumption	100.1 W
Voltage (Nom)	88 V
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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19 [T 19mm]
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	10.1 mg

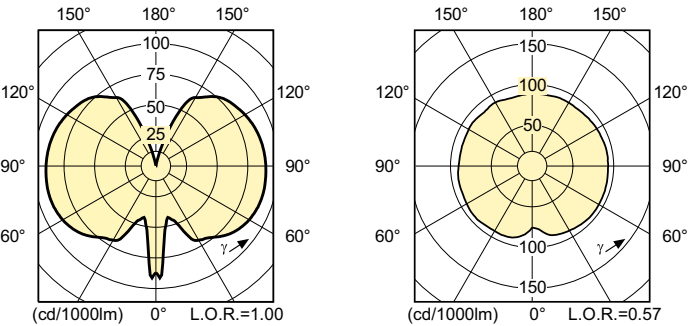
Mercury (Hg) Content (Nom)	10.1 mg
Energy Consumption kWh/1000 h	101 kWh
EPREL Registration Number	473251
Product Data	
Order product name	MASTERC CDM-T Elite 100W/930 G12 1CT/12
Full product name	MASTERC CDM-T Elite 100W/930 G12 1CT/12
Full product code	872790087169200
Order code	928183205125
Material Nr. (12NC)	928183205125
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8727900871692
Numerator - Packs per outer box	12
EAN/UPC - Case	8727900871708

Dimensional drawing

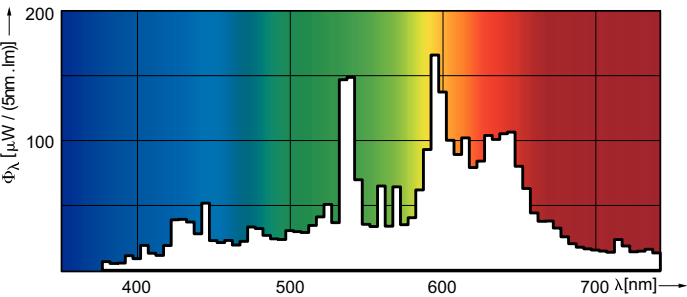


Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 100W/930 G12 1CT/12	20 mm	8.5 mm	55 mm	57 mm	56 mm	110 mm

Photometric data



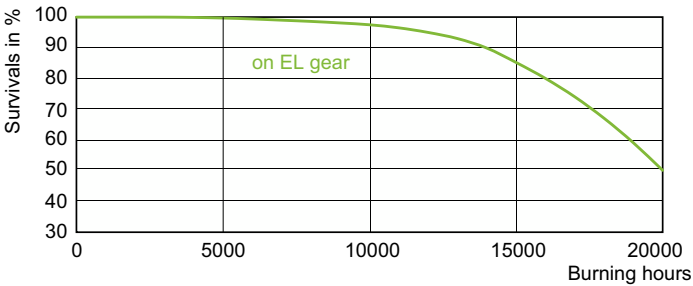
Light Distribution Diagram - MASTERC CDM-T Elite 100W/930 G12 1CT/12



Spectral Power Distribution Colour - MASTERC CDM-T Elite 100W/930 G12 1CT/12

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Lifetime



Life Expectancy Diagram - MASTERC CDM-T Elite 100W/930 G12 1CT/12

Lumen Maintenance Diagram - MASTERC CDM-T Elite 100W/930 G12 1CT/12

