



MASTERCcolour CDM-T Elite Light Boost

MASTERCcolour CDM-T Elite Light Boost 70W/930 G12

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

Product data

• General Characteristics

Cap-Base	G12
Bulb	T19 [T 19mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	7500 hr
Life to 10% failures	9000 hr
Life to 20% failures	11000 hr
Life to 50% failures	15000 hr
Lamp Life at 50% power	15000 (min) hr

• Light Technical Characteristics

Color Code	930 [CCT of 3000K]
Color Rendering Index	92 (min), 95 (nom) Ra8
CRI @ 50% power	79 -
Color Designation (text)	Warm White
Color Temperature	3000 K
Color Temperature Technical	3100 K
Colour Temp. @ 50% power	2900 K
Luminous Flux Lamp EL	7650 Lm
Luminous Flux @ 50% power	3300 Lm
Luminous Efficacy Lamp EL	104 Lm/W
Luminous Efficacy @ 50% power	89 Lm/W
Lumen Maintenance EL 2000h	94 %
Lumen Maintenance EL 5000h	88 %

Lumen Maintenance EL 10000h	83 %
Lumen Maintenance EL 12000h	82 %
Lumen Maintenance EL 15000h	80 %
Chromaticity Coordinate X	0.427 -
Chromaticity Coordinate Y	0.396 -
Chrom. Coord. X @ 50% power	0.442 -
Chrom. Coord. Y @ 50% power	0.407 -

• Electrical Characteristics

System Power EL	83 W
System Power EL at 50% power	42 W
Lamp Wattage	70 W
Lamp Wattage EL 25°C, Rated	73.0 W
Lamp Wattage EL 25°C, Nominal	70.0 W
Lamp Wattage EL at 50% power	37 W
Lamp Voltage	90 V
Lamp Voltage at 50% power	88 V
Lamp Current EL	0.812 A
Lamp Current EL at 50% power	0.450 mA
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Ignition Peak Voltage	3500 (min) V

PHILIPS

MASTERColour CDM-T Elite Light Boost

Re-ignition Time [min]	15 (max) min
Dimmable	Yes
Fade-up time	1 s
Fade-down time	1 s
100%-65% Fade-down time	60 s
65%-50%	

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	5.6 mg
Energy consumption kWh/1000h	80 kWh

• UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.2 - 8 (min) h500lx
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• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Pinch Temperature	350 (max) C
Bulb Temperature	500 (max) C

• Product Dimensions

Reference Length A	90 (max) mm
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Overall Length C	103 (max) mm
Diameter D	20 (max) mm
Light Center Length L	55 (min), 56 (nom), 57 (max) mm
Arc Length O	6 mm
Light Center Length L [inch]	2.2 in
Overall Length C [inch]	3.94 (max) in
Diameter D [inch]	0.75 in

• Product Data

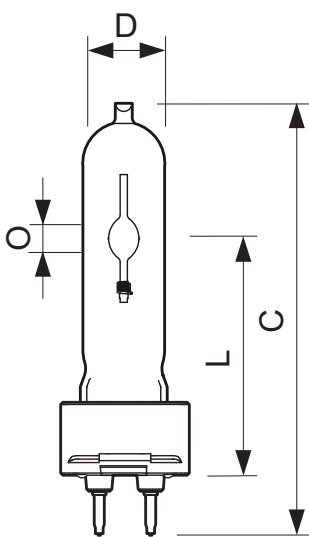
Order code	928191905131
Full product code	928191905131
Full product name	MASTERColour CDM-T Elite Light Boost 70W/930 G12
Order product name	MC CDM-T Elite Light Boost 70W/930 G12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8727900938883
Bar code on outerbox - EAN3	8727900938890
Logistic code(s) - 12NC	928191905131
ILCOS code	MT/UB-70/930-H-G12-20/90
Net weight per piece	0.029 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
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

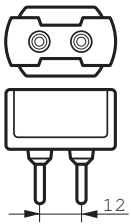
Dimensional drawing



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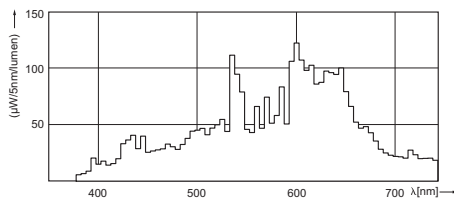
Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Min)	O (Norm)	O (Max)
CDM-T Elite Light Boost 70W/930 G12	103	20	55	56	57	-	6	-

Dimensional drawing

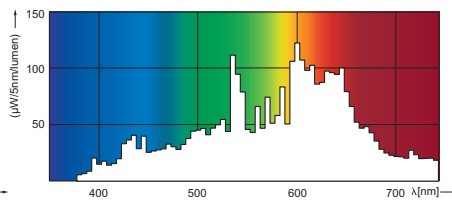


G12

Photometric data



CDM-T Elite LB. 70W /930 (100% operating power)



CDM-T Elite LB. 70W /930 (100% operating power)



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data subject to change