



MASTERCcolour CDM-T

MASTERCcolour CDM-T 250W/942 G12 1CT/12

Range of single-ended, compact, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light

Product data

General Information	
Cap-Base	G12 [G12]
Operating Position	UNIVERSAL [Universal]
Life to 5% Failures (Nom)	3500 h
Life To 10% Failures (Nom)	10000 h
Life to 20% Failures (Nom)	12000 h
Life to 50% Failures (Nom)	15000 h
ANSI Code HID	-

Light Technical	
Color Code	942 [CCT of 4200K]
Luminous Flux (Rated) (Min)	23400 lm
Luminous Flux (Rated) (Nom)	26000 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	86 %
Lumen Maintenance 2000 h (Nom)	98 %
Lumen Maintenance 5000 h (Nom)	94 %
Chromaticity Coordinate X (Nom)	0.376
Chromaticity Coordinate Y (Nom)	0.368
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	105 lm/W
Color Rendering Index (Nom)	91

Ratio Scotopic/Photopic Lumens	1.75
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Operating and Electrical	
Power (Rated) (Nom)	247 W
Lamp Current Run-Up (Max)	6 A
Lamp Current (EM) (Nom)	3.04 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Ignition Peak Voltage (Min)	3500 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	104 V
Voltage (Min)	84 V
Voltage (Nom)	93 V

Controls and Dimming	
Dimmable	No
Run-Up Time 90% (Max)	3 min

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Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	20.0 mg
Energy Consumption kWh/1000 h	272 kWh

UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Nom)	0.28

Luminaire Design Requirements

Bulb Temperature (Max)	700 °C
Cap-Base Temperature (Max)	280 °C

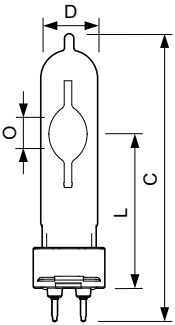
Pinch Temperature (Max)	350 °C
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Product Data

Full product code	871150021112515
Order product name	MASTERColour CDM-T 250W/942 G12 1CT/12
EAN/UPC - Product	8711500211125
Order code	928094205131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928094205131
Net Weight (Piece)	0.039 kg
ILCOS Code	MT/UB-250/942-H-G12-25/135

Warnings and Safety

Dimensional drawing

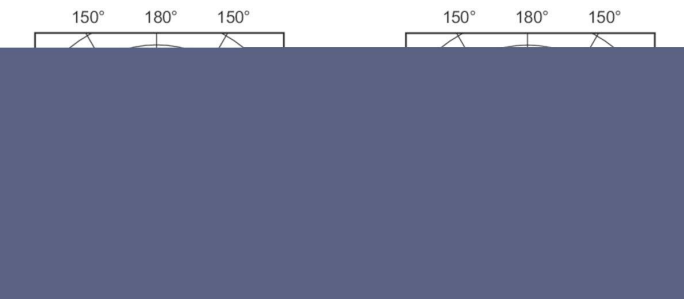


CDM-T 250W/942 G12

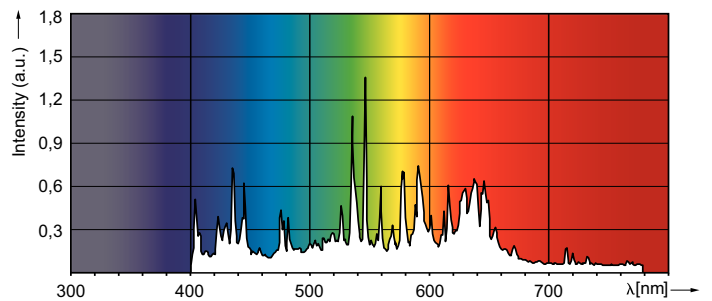
Product

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Photometric data



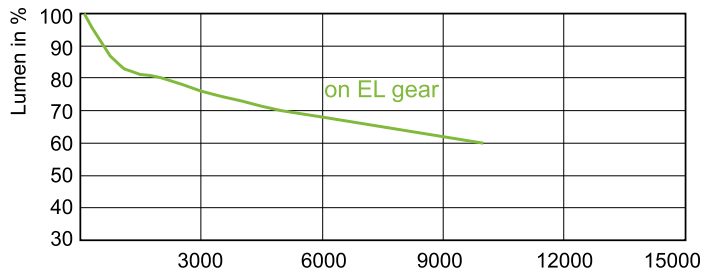
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MASTERColour CDM-T Elite 250W /942

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Lifetime



CDM-T 250W Lumen Maintenance /942

CDM-T 250W Life Expectancy /942

