



MASTERColour CDM-T

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

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

Product data

General Information	
Cap-Base	G12 [G12]
Operating Position	UNIVERSAL [Any or Universal (U)]
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	
Colour Code	942 [CCT of 4200K]
Luminous Flux (Rated) (Min)	23400 lm
Luminous Flux (Rated) (Nom)	26000 lm
Colour 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
Colour Temperature, horizontal (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	105 lm/W
Colour Rendering Index horiz (Nom)	91

Ratio Scotopic/Photopic Lumens	1.75
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

Datasheet, 2020, March 19 data subject to change

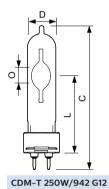
MASTERColour CDM-T

Mechanical and Housing	
Bulb Finish	Clear
Approval and Application	
Energy Efficiency Label	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
Product Data	
Full product code	871150021112515
Order product name	MASTERColour CDM-T 250W/942 G12 1CT/12
EAN/UPC - Product	8711500211125
Order code	21112515
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

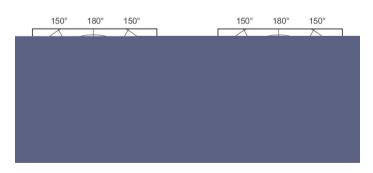
Dimensional drawing

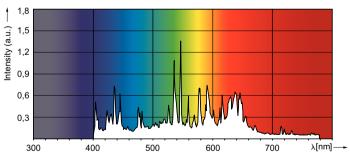


Product

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Photometric data

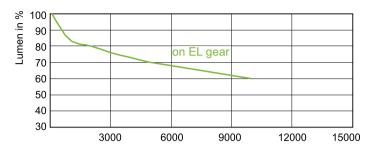




LDPO_CDM-T_250W_942-Spectral power distribution Colour

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Lifetime





LDLM_CDM-T_250W_942-Lumen maintenance diagram



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