



# 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		Ratio Scotopic/Photopic Lumens	
Cap-Base	G12 [ G12]		1.75
Operating Position	UNIVERSAL [ Any or Universal (U)]	Operating and Electrical	
Life to 5% Failures (Nom)	3500 h	Power (Rated) (Nom)	247 W
Life To 10% Failures (Nom)	10000 h	Lamp Current Run-Up (Max)	6 A
Life to 20% Failures (Nom)	12000 h	Lamp Current (EM) (Nom)	3.04 A
Life to 50% Failures (Nom)	15000 h	Ignition Supply Voltage (Max)	198 V
ANSI Code HID	-	Ignition Peak Voltage (Max)	5000 V
Light Technical		Ignition Supply Voltage (Min)	198 V
Colour Code	942 [ CCT of 4200K]	Ignition Peak Voltage (Min)	3500 V
Luminous Flux (Rated) (Min)	23400 lm	Re-Ignition Time (Min) (Max)	15 min
Luminous Flux (Rated) (Nom)	26000 lm	Ignition Time (Max)	30 s
Colour Designation	Cool White (CW)	Voltage (Max)	104 V
Lumen Maintenance 10000 h (Nom)	86 %	Voltage (Min)	84 V
Lumen Maintenance 2000 h (Nom)	98 %	Voltage (Nom)	93 V
Lumen Maintenance 5000 h (Nom)	94 %	Controls and Dimming	
Chromaticity Coordinate X (Nom)	0.376	Dimmable	No
Chromaticity Coordinate Y (Nom)	0.368	Run-up Time 90% (Max)	3 min
Colour Temperature, horizontal (Nom)	4200 K		
Luminous Efficacy (rated) (Nom)	105 lm/W		
Colour Rendering Index horiz (Nom)	91		

# MASTERCcolour 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

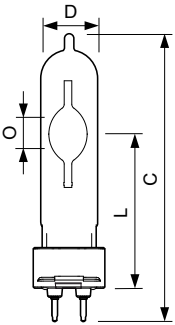
Pinch Temperature (Max) 350 °C

## Product Data

Full product code 871150021112515  
 Order product name MASTERCcolour 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

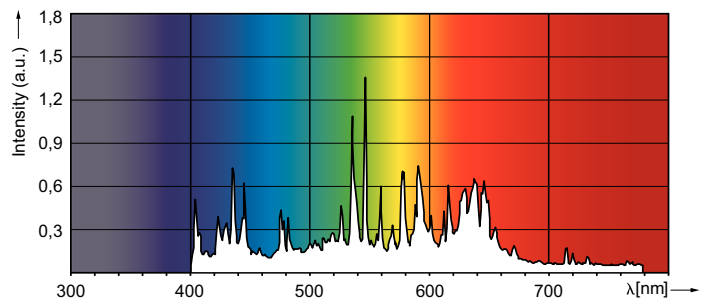
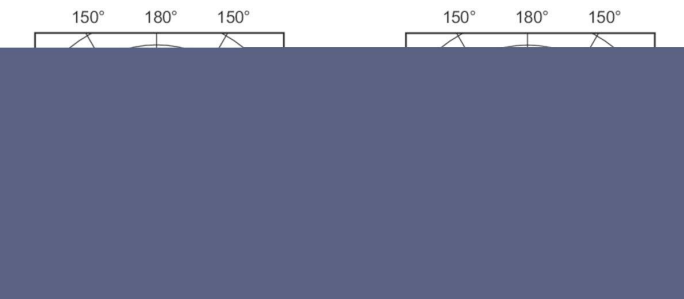


CDM-T 250W/942 G12

## Product

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

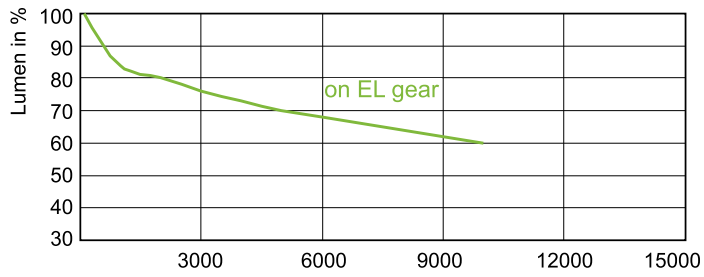
### Photometric data



LDPO\_CDM-T\_250W\_942-Spectral power distribution Colour

# MASTERCcolour CDM-T

## Lifetime



LDLM\_CDM-T\_250W\_942-Lumen maintenance diagram

