

**PHILIPS**

Lighting



# MASTERColour CDM-T

## MASTERColour CDM-T 150W/942 G12 1CT

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

### Product data

General Information		Operating and Electrical	
Cap-Base	G12 [ G12]	Luminous Efficacy (rated) (Nom)	82 lm/W
Operating Position	UNIVERSAL [ Universal]	Color Rendering Index (Nom)	96
Life to 5% Failures (Nom)	9000 h	<b>Operating and Electrical</b>	
Life To 10% Failures (Nom)	10000 h	Power (Rated) (Nom)	147 W
Life to 20% Failures (Nom)	11000 h	Lamp Current Run-Up (Max)	2.5 A
Life to 50% Failures (Nom)	12000 h	Lamp Current (EM) (Nom)	1.9 A
ANSI Code HID	C142/E	Ignition Supply Voltage (Max)	198 V
<b>Light Technical</b>		Ignition Peak Voltage (Max)	5000 V
Color Code	942 [ CCT of 4200K]	Ignition Supply Voltage (Min)	198 V
Luminous Flux (Rated) (Min)	10900 lm	Ignition Peak Voltage (Min)	3500 V
Luminous Flux (Rated) (Nom)	12100 lm	Re-Ignition Time (Min) (Max)	15 min
Color Designation	Cool White (CW)	Ignition Time (Max)	30 s
Lumen Maintenance 10000 h (Nom)	70 %	Voltage (Max)	98 V
Lumen Maintenance 2000 h (Min)	75 %	Voltage (Min)	82 V
Lumen Maintenance 2000 h (Nom)	85 %	Voltage (Nom)	90 V
Lumen Maintenance 5000 h (Min)	70 %	<b>Controls and Dimming</b>	
Lumen Maintenance 5000 h (Nom)	80 %	Dimmable	No
Chromaticity Coordinate X (Nom)	0.375	Run-Up Time 90% (Max)	3 min
Chromaticity Coordinate Y (Nom)	0.363		
Correlated Color Temperature (Nom)	4200 K		

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## Mechanical and Housing

Bulb Finish Clear

## Approval and Application

Energy Efficiency Label (EEL) A  
 Mercury (Hg) Content (Nom) 10.4 mg  
 Energy Consumption kWh/1000 h 162 kWh

## UV

Pet (Niosh) (Min) 8 h/500lx  
 Damage Factor D/fc (Max) 0.4

## Luminaire Design Requirements

Bulb Temperature (Max) 650 °C  
 Cap-Base Temperature (Max) 280 °C

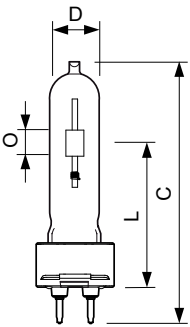
Pinch Temperature (Max) 350 °C

## Product Data

Full product code 871150020005115  
 Order product name MASTERColour CDM-T 150W/942 G12 ICT  
 EAN/UPC - Product 8711500200051  
 Order code 928084605131  
 Numerator - Quantity Per Pack 1  
 Numerator - Packs per outer box 12  
 Material Nr. (12NC) 928084605131  
 Net Weight (Piece) 0.033 kg  
 ILCOS Code MT/UB-150/942-H-G12-21/100

## Warnings and Safety

### Dimensional drawing

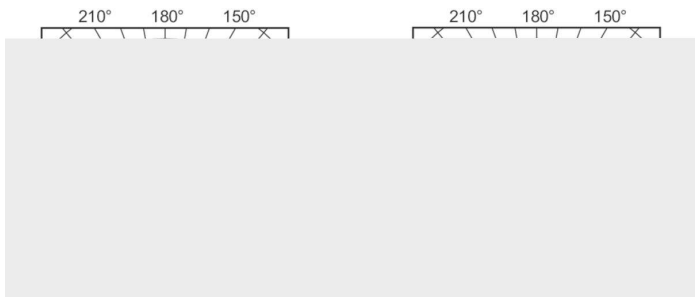


CDM-T 150W/942 G12

### Product

MASTERColour CDM-T 150W/942 G12 ICT

### Photometric data

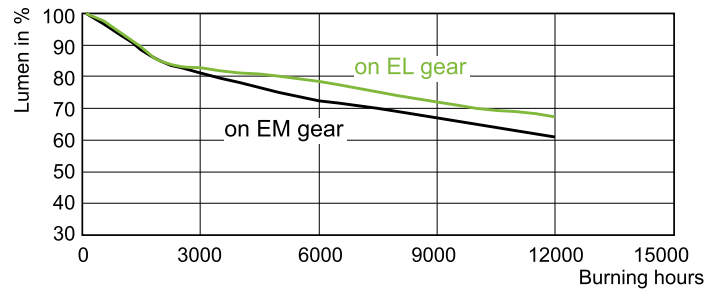
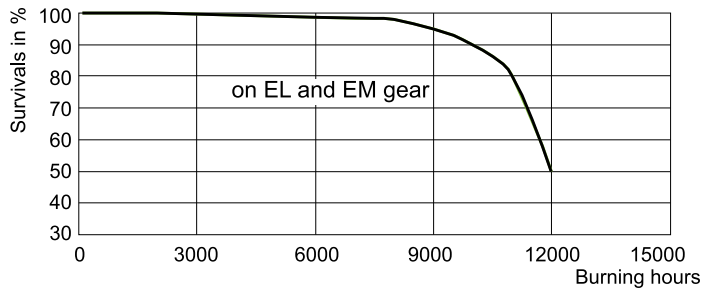


MASTERColour CDM-T 70W, 150W /942

CDM-T 150W /830, /930, /942

# MASTERCcolour CDM-T

## Lifetime



CDM-T 150W Life Expectancy /942

CDM-T 150W Lumen Maintenance /942

