

# MASTERCcolour CDM-T

MASTERCcolour 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 Characteristics

Cap-Base	G12
Bulb	T19 [T 19mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures EM	9000 hr
Life to 5% failures EL	9000 hr
Life to 10% failures EM	10000 hr
Life to 10% failures EL	10000 hr
Life to 20% failures EM	11000 hr
Life to 20% failures EL	11000 hr
Life to 50% failures EM	12000 hr
Life to 50% failures EL	12000 hr

### • Light Technical Characteristics

Color Code	942 [CCT of 4200K]
Color Rendering Index	96 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Color Temperature Technical	4050 K
Luminous Flux Lamp EM	12700 Lm
Luminous Flux Lamp EL	12700 Lm
Luminous Efficacy Lamp EM	88 Lm/W

Luminous Efficacy Lamp EL	88 Lm/W
Lumen Maintenance EM 2000h	85 %
Lumen Maintenance EL 2000h	85 %
Lumen Maintenance EM 5000h	75 %
Lumen Maintenance EL 5000h	80 %
Lumen Maintenance EM 10000h	65 %
Lumen Maintenance EL 10000h	70 %
Design Mean Lumens EL	10800 Lm
Design Mean Lumens EM	9900 Lm
Chromaticity Coordinate X	0.375 -
Chromaticity Coordinate Y	0.363 -

### • Electrical Characteristics

System Power EM	165 W
System Power EL	167 W
Lamp Wattage	150 W
Lamp Wattage EM	145.0 W
Lamp Wattage EL	150 W
Lamp Voltage	90 V
Lamp Current EM	1.9 A
Lamp Current EL	1.7 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Ignition Peak Voltage	3500 (min) V

# PHILIPS

sense and simplicity

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Re-ignition Time 15 (max) min  
[min]  
Dimmable No

## • Environmental Characteristics

Mercury (Hg) 10.4 mg  
Content

## • UV-related Characteristics

PET (NIOSH) 35 h.klx  
Damage Factor D/fc 0.35 -

## • Luminaire Design Requirements

Cap-Base Temperature 280 (max) C  
Pinch Temperature 350 (max) C  
Bulb Temperature 650 (max) C

## • Product Dimensions

Reference Length A 96 (max) mm  
Overall Length C 110 (max) mm  
Diameter D 20 (max) mm  
Light Center Length 55 (min), 56 (nom), 57 (max) mm  
L

Arc Length O 8 mm  
Light Center Length 2.21875 in  
L [inch]  
Overall Length C 4.34375 (max) in  
[inch]  
Diameter D [inch] 0.75 in

## • Product Data

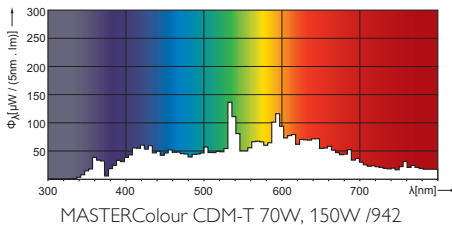
Order code 928084605175  
Full product code 928084605175  
Full product name MASTERColour CDM-T 150W/942  
G12 1CT  
Order product name MASTERC CDM-T 150W/942 G12  
1CT  
Pieces per pack 1  
Packing configuration 12  
Packs per outerbox 12  
Bar code on pack - 8711500206619  
EAN1  
Bar code on 8711500206626  
outerbox - EAN3  
Logistic code(s) - 928084605175  
12NC  
ILCOS code MT-150/42/1A-H-G12  
Net weight per piece 0.033 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

- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.

## Photometric data





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[www.philips.com/lighting](http://www.philips.com/lighting)

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data subject to change