



MASTERCcolour CDM-TC

MASTERCcolour CDM-TC 35W/942 G8.5 1CT

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

Product data

• General Characteristics

Cap-Base	G8.5
Bulb	T14 [T 14 mm]
Bulb Material	UV-Block Quartz
Bulb Finish	Clear
Burning Position	any [Any/Universal]
Life to 50% failures EL	12000 hr
Life to 5% failures EL	6000 hr
Life to 20% failures EL	9000 hr
Life to 10% failures EL	8000 hr

• Light Technical Characteristics

Colour Code	942 [CCT of 4200K]
Colour Rendering Index	85 Ra8
Colour Designation	Cool White
Colour Temperature	4200 K
Colour Temperature Technical	4200 K
Chromaticity Coordinate X	0.370 -
Chromaticity Coordinate Y	0.365 -
Lamp Luminous Flux EL	3000 Lm
Lamp Luminous Efficacy EL	79 Lm/W
Lumen Maintenance EL 2000h	85 %
Lumen Maintenance EL 5000h	80 %
Lumen Maintenance EL 10000h	70 %

• Electrical Characteristics

System Power EL	44 W
Lamp Wattage	35 W
Lamp Wattage EL	38 W
Lamp Voltage	85 V
Lamp Current EL	0.46 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	no

• Environmental Characteristics

Mercury (Hg) Content	2.7 mg
----------------------	--------

• UV-related Characteristics

• Luminaire Design Requirements

Pinch Temperature	300 (max) C
Bulb Temperature	500 (max) C

• Product Dimensions

Overall Length C	85 (max) mm
Diameter D	15 (max) mm
Light Center Length L	51 (min), 52 (nom), 53 (max) mm
Arc Length O	5 mm
Light Center Length L [inch]	2 in

MASTERColour CDM-TC

Overall Length C [inch] 3.34375 (max) in
 Diameter D [inch] 0.5 in

Pieces per pack 1
 Packing configuration 12
 Packs per outerbox 12
 Bar code on pack - EAN1 8711500209573
 Bar code on outerbox - EAN3 8711500209580
 Logistic code(s) - 12NC 928093805125
 ILCOS code MT-35/42/1B-H-G8.5
 Net weight per piece 0.010 kg

• **Product Data**

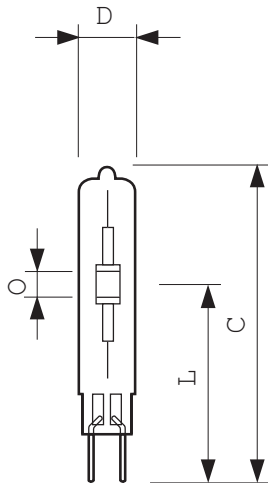
Order code 209573 15
 Full product code 871150020957315
 Full product name MASTERColour CDM-TC 35W/942 G8.5 1CT
 Order product name MASTERC CDM-TC 35W/942 G8.5 1CT/12

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

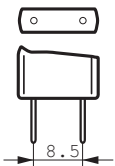
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.

Dimensional drawing

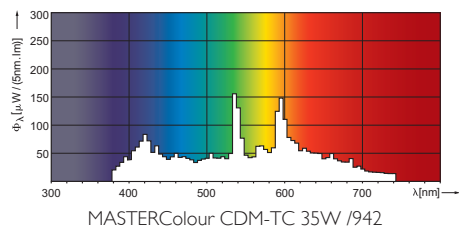


CDM-TC, 35W/70W

Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-TC 35W/942 G8.5	85	15	51	52	53	5



Photometric data



© 2011 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com/lighting

2011, November 24
data subject to change