

MASTERCcolour CDM-TC

MASTERCcolour CDM-TC 35W/842 G8.5 1CT

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable color 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
Operating Position	any [Any or Universal (U)]
Life to 5% failures EL	9000 hr
Life to 10% failures EL	10000 hr
Life to 20% failures EL	11000 hr
Life to 50% failures EL	12000 hr

• Light Technical Characteristics

Color Code	842 [CCT of 4200K]
Color Rendering Index	85 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Color Temperature Technical	4200 K
Luminous Flux Lamp EL	3100 Lm
Luminous Efficacy Lamp EL	79 Lm/W
Lumen Maintenance EL 2000h	85 %
Lumen Maintenance EL 5000h	80 %
Lumen Maintenance EL 10000h	70 %
Chromaticity Coordinate X	0.374 -

Chromaticity Coordinate Y 0.369 -

• Electrical Characteristics

System Power EL	44 W
Lamp Wattage	35 W
Lamp Wattage EL 25°C, Rated	39.0 W
Lamp Wattage EL 25°C, Nominal	35.0 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

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	2.7 mg
Energy consumption kWh/1000h	43 kWh

• UV-related Characteristics

Damage Factor D/fc PET (NIOSH)	0.5 (max) - 8 (min) h500lx
--------------------------------	----------------------------

• Luminaire Design Requirements

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

PHILIPS

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

• Product Data

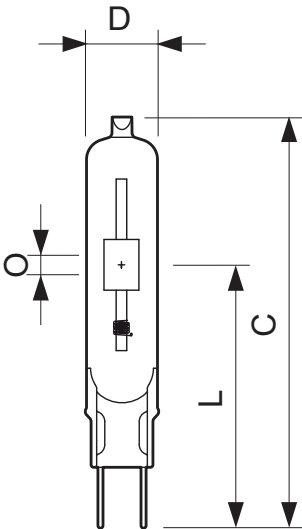
Order code	928093805125
------------	--------------

Full product code	928093805125
Full product name	MASTERColour CDM-TC 35W/842 G8.5 1CT
Order product name	MASTERC CDM-TC 35W/842 G8.5 1CT/12
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/UB-35/842-H-G8.5-17/85
Net weight per piece	10.000 gr

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.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

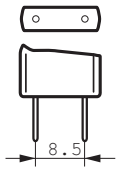
Dimensional drawing



MASTERColour CDM-TC 35W/842 G8.5 1CT

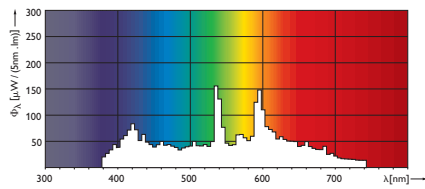
Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-TC 35W/842 G8.5	85	15	51	52	53	5

Dimensional drawing



G8.5

Photometric data



MASTERColour CDM-TC 35W /842



© 2015 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

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

www.philips.com/lighting

2015, October 17
data subject to change