

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	6000 hr
Life to 10% failures EL	8000 hr
Life to 20% failures EL	9000 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	3000 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	38.0 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	41 kWh

• UV-related Characteristics

• Luminaire Design Requirements

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

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MASTERC colour CDM-TC

• 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

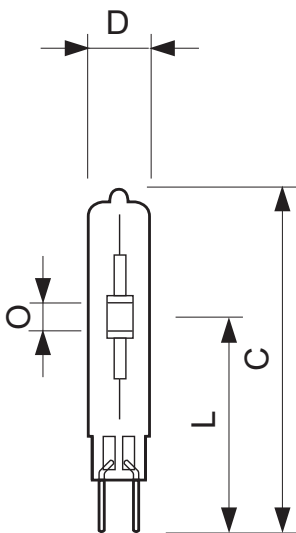
Order code	928093805125
Full product code	928093805125

Full product name	MASTERC colour 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	0.010 kg

Warnings and Safety

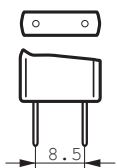
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. 35W/830 lamps may also use electromagnetic gear.

Dimensional drawing



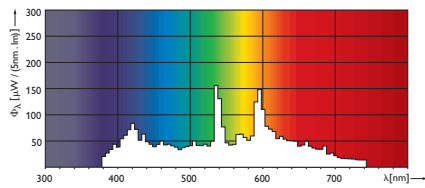
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Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
CDM-TC 35W/842 G8.5	85	15	51	52	53	5



G8.5

Photometric data



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data subject to change