

**PHILIPS**

Lighting



# MASTERColour CDM-TC

## MASTERColour CDM-TC 35W/842 G8.5 1CT/12

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

### Product data

General Information	
Cap base	G8.5 [ G8.5]
Operating position	UNIVERSAL [ Any/Universal]
Life to 5% failures (nom.)	6000 h
Life to 10% failures (nom.)	8000 h
Life to 20% failures (nom.)	9000 h
Life to 50% failures (nom.)	12000 h
ANSI code HID	-

Light Technical	
Colour code	842 [ CCT of 4,200 K]
Luminous flux (rated) (nom.)	3100 lm
Colour designation	Cool White (CW)
Lumen maintenance 10,000 hours (nom.)	70 %
Lumen maintenance 2,000 hours (min.)	75 %
Lumen maintenance 2,000 hours (nom.)	85 %
Lumen maintenance 5,000 hours (min.)	70 %
Lumen maintenance 5,000 hours (nom.)	80 %
Chromaticity coordinate X (nom.)	0.374
Chromaticity coordinate Y (nom.)	0.369
Correlated colour temperature (nom.)	4200 K
Luminous efficacy (rated) (nom.)	79 lm/W

Color rendering index (nom.)	85
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Operating and Electrical	
Power (Rated) (Min)	39.0 W
Power (Rated) (Nom)	39.0 W
Ignition supply voltage (max.)	198 V
Ignition supply voltage (min.)	198 V
Re-ignition time (min.) (max.)	15 min
Ignition time (max.)	30 s
Voltage (Max)	93 V
Voltage (Min)	77 V
Voltage (Nom)	85 V

Controls and Dimming	
Dimmable	no
Run-up time 90% (max.)	3 min

Mechanical and Housing	
Bulb finish	Clear
Bulb material	UV-Block Quartz

# MASTERCcolour CDM-TC

## Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	2.7 mg
Energy Consumption kWh/1000 h	43 kWh

## UV

PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.5

## Luminaire Design Requirements

Bulb temperature (max.)	500 °C
Pinch temperature (max.)	300 °C

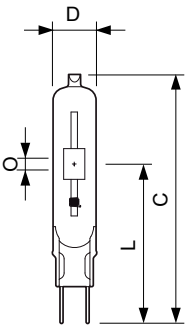
## Product Data

Full product code	871150020957315
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Order product name	MASTERCcolour CDM-TC 35W/842 G8.5 1CT/12
EAN/UPC – product	8711500209573
Order code	20957315
Local Code	35CDMTC942
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928093805125
Net weight (piece)	10.000 g
ILCOS Code	MT/UB-35/842-H-G8.5-17/85

## Warnings and Safety

### Dimensional drawing



CDM-TC 35W/842 G8.5

### Product

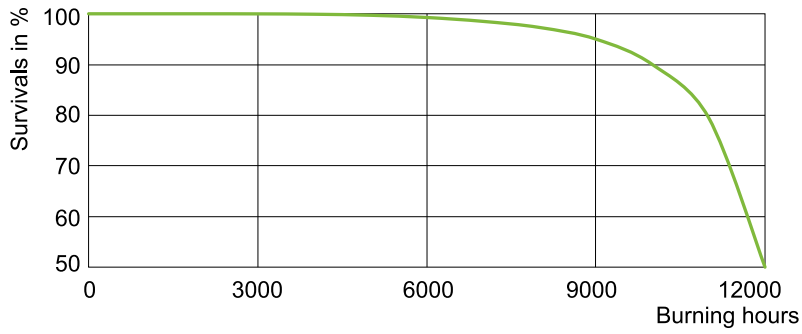
MASTERCcolour CDM-TC 35W/842 G8.5 1CT/12

### Photometric data



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## Lifetime



LDLE\_CDM-TC\_0001-Life expectancy diagram

