

# PHILIPS

## Lighting



# MASTERColour CDM-TC

## MASTERColour CDM-TC 35W/830 G8.5 1CT/12

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

### Product data

General Information	
Cap-Base	G8.5 [ G8.5]
Operating Position	UNIVERSAL [ Any or Universal (U)]
Life to 5% Failures (Nom)	9000 h
Life To 10% Failures (Nom)	10000 h
Life to 20% Failures (Nom)	11000 h
Life to 50% Failures (Nom)	12000 h
ANSI Code HID	C130/E

Light Technical	
Color Code	830 [ CCT of 3000K]
Luminous Flux (Rated) (Nom)	3100 lm
Color Designation	Warm White (WW)
Lumen Maintenance 10000 h (Nom)	50 %
Lumen Maintenance 2000 h (Min)	70 %
Lumen Maintenance 2000 h (Nom)	80 %
Lumen Maintenance 5000 h (Min)	50 %
Lumen Maintenance 5000 h (Nom)	65 %
Chromaticity Coordinate X (Nom)	0.432
Chromaticity Coordinate Y (Nom)	0.394
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	79 lm/W

Color Rendering Index (Nom)	81
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Operating and Electrical	
Power (Nom)	39.1 W
Lamp Current Run-Up (Max)	0.8 A
Lamp Current (EM) (Nom)	0.53 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Ignition Peak Voltage (Min)	3500 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	96 V
Voltage (Min)	80 V
Voltage (Nom)	88 V

Controls and Dimming	
Dimmable	No
Run-Up Time 90% (Max)	3 min

Mechanical and Housing	
Bulb Finish	Clear

# MASTERCcolour CDM-TC

Bulb Material	UV-Block Quartz
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## Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	3.1 mg
Energy Consumption kWh/1000 h	43 kWh

## UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.3

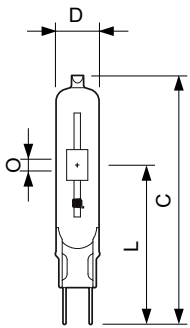
## Luminaire Design Requirements

Bulb Temperature (Max)	500 °C
Pinch Temperature (Max)	300 °C

## Product Data

Full product code	871150020000615
Order product name	MASTERCcolour CDM-TC 35W/830 G8.5 1CT/12
EAN/UPC - Product	8711500200006
Order code	928085205125
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928085205125
Net Weight (Piece)	10.000 g
ILCOS Code	MT/UB-35/830-H-G8.5-17/85

## Dimensional drawing

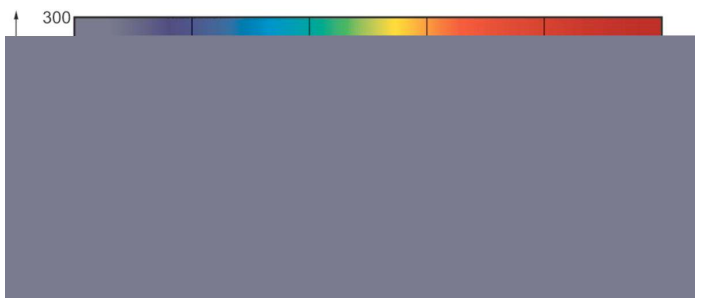
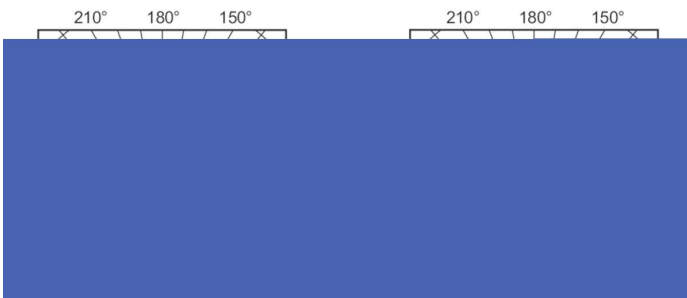


CDM-TC 35W/830 G8.5

## Product

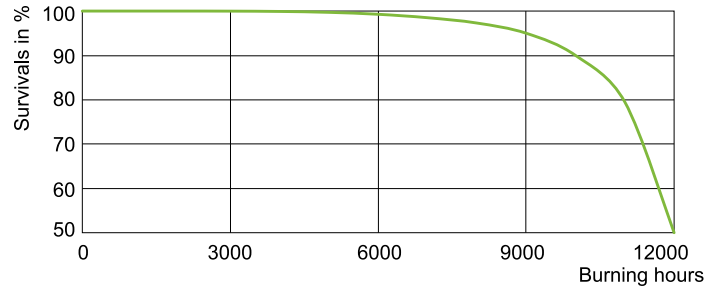
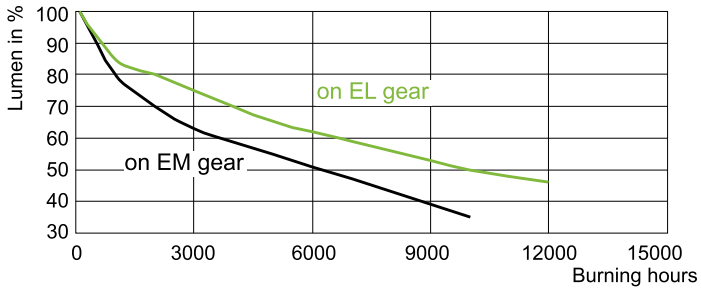
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## Photometric data



# MASTERColour CDM-TC

## Lifetime



LDLM\_CDM-TC\_35W\_830-Lumen maintenance diagram

LDLE\_CDM-TC\_0001-Life expectancy diagram

