

**PHILIPS**

Lighting



# MASTERColour CDM-T

## MASTERColour CDM-T 35W/830 G12 1CT/12

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

### Product data

General Information		Color rendering index (nom.)	
Cap base	G12 [ G12]		83
Operating position	UNIVERSAL [ Any/Universal]	Operating and Electrical	
Life to 5% failures (nom.)	9000 h	Power (Rated) (Nom)	39 W
Life to 10% failures (nom.)	10000 h	Lamp current run-up (max.)	0.8 A
Life to 20% failures (nom.)	11000 h	Lamp current (EM) (nom.)	0.53 A
Life to 50% failures (nom.)	12000 h	Ignition supply voltage (max.)	198 V
ANSI code HID	C130/E	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)	90 V
		Voltage (Min)	76 V
		Voltage (Nom)	82 V
Light Technical		Controls and Dimming	
Colour code	830 [ CCT of 3,000 K]	Dimmable	no
Luminous flux (rated) (nom.)	3100 lm	Run-up time 90% (max.)	3 min
Colour designation	Warm white (WW)		
Lumen maintenance 10,000 hours (nom.)	50 %		
Lumen maintenance 2,000 hours (min.)	70 %		
Lumen maintenance 2,000 hours (nom.)	80 %		
Lumen maintenance 5,000 hours (min.)	60 %		
Lumen maintenance 5,000 hours (nom.)	70 %		
Chromaticity coordinate X (nom.)	0.428		
Chromaticity coordinate Y (nom.)	0.397		
Correlated colour temperature (nom.)	3000 K		
Luminous efficacy (rated) (nom.)	79 lm/W		

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## Mechanical and Housing

Bulb finish	Clear
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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
Cap base temperature (max.)	280 °C

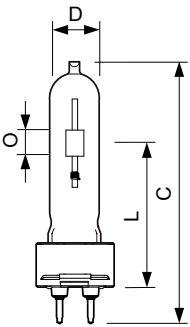
Pinch temperature (max.)	350 °C
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## Product Data

Full product code	871150019697215
Order product name	MASTERColour CDM-T 35W/830 G12 1CT/12
EAN/UPC – product	8711500196972
Order code	19697215
Local Code	35CDMT830
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928083105125
Net weight (piece)	27.000 g
ILCOS Code	MT/UB-35/830-H-G12-20/90

## Warnings and Safety

### Dimensional drawing

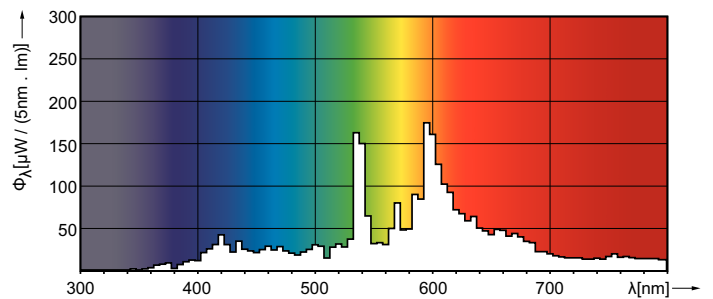


CDM-T 35W/830 G12

### Product

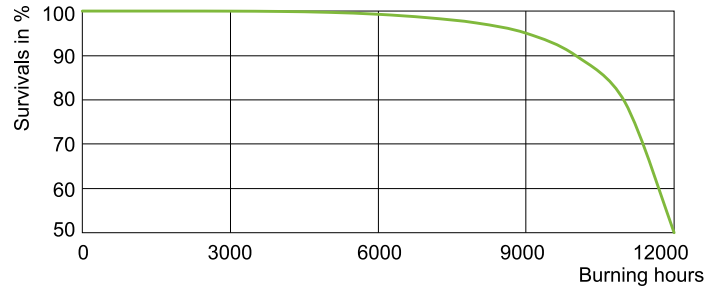
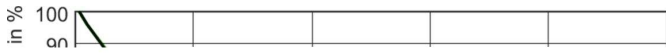
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### Photometric data



# MASTERCcolour CDM-T

## Lifetime



LDLE\_CDM-T\_0001-Life expectancy diagram

