



# MASTERColour CDM-TP

## MASTERColour CDM-TP 70W/842 PG12-2 1CT/12

Range of protected, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light to be used in open luminaires

### Warnings and Safety

- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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.

### Product data

General Information		Correlated Color Temperature (Nom)	
Cap-Base	PG12-2 [ PG12-2]		4200 K
Operating Position	UNIVERSAL [ Any or Universal (U)]	Luminous Efficacy (rated) (Nom)	77 lm/W
Life to 5% Failures (Nom)	9000 h	Color Rendering Index (Nom)	89
Life to 20% Failures (Nom)	13000 h		
Life to 50% Failures (Nom)	16000 h	Operating and Electrical	
		Power (Nom)	73.2 W
		Lamp Current Run-Up (Max)	1.4 A
		Lamp Current (EM) (Nom)	0.98 A
		Ignition Peak Voltage (Max)	5000 V
		Ignition Supply Voltage (Min)	198 V
		Re-Ignition Time (Min) (Max)	15 min
		Ignition Time (Max)	30 s
		Voltage (Max)	98 V
		Voltage (Min)	82 V
		Voltage (Nom)	90 V
Light Technical			
Color Code	842 [ CCT of 4200K]		
Luminous Flux (Rated) (Nom)	5600 lm		
Color Designation	Cool White (CW)		
Lumen Maintenance 10000 h (Nom)	70 %		
Lumen Maintenance 2000 h (Nom)	85 %		
Lumen Maintenance 5000 h (Nom)	75 %		
Chromaticity Coordinate X (Nom)	374		
Chromaticity Coordinate Y (Nom)	378		

# MASTERCcolour CDM-TP

## Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	4 min

## Mechanical and Housing

Bulb Finish	Clear
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## Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	7.1 mg
Energy Consumption kWh/1000 h	81 kWh

## UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4

## Luminaire Design Requirements

Bulb Temperature (Max)	400 °C
Cap-Base Temperature (Max)	210 °C

## Product Data

Full product code	871150020113315
Order product name	MASTERCcolour CDM-TP 70W/842 PG12-2 1CT/12
EAN/UPC - Product	8711500201133
Order code	928085909230
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928085909230
Net Weight (Piece)	72.000 g
ILCOS Code	MTS/UB-70/842-H-PG12-2-32/149

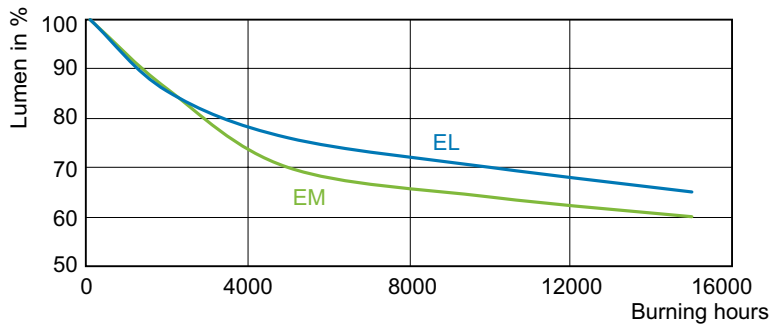
## Dimensional drawing

D

Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERCcolour CDM-TP 70W/842 PG12-2 1CT/12	32.00 mm	6 mm	89 mm	93 mm	91 mm	149 mm

## CDM-TP 70W/842 PG12-2

## Lifetime



## LDLM\_CDM-TP\_0001-Lumen maintenance diagram

