

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 luminairs

Product data

General Information	
Cap-Base	PG12-2 [PG12-2]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	9000 h
Life to 20% Failures (Nom)	13000 h
Life to 50% Failures (Nom)	16000 h

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
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (Rated) (Nom)	76 lm/W
Color Rendering Index (Nom)	89

Operating and Electrical	
Power (Rated) (Nom)	74.0 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

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

Mechanical and Housing	
Bulb Finish	Clear

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

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Cap-Base Temperature (Max)	210 °C

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

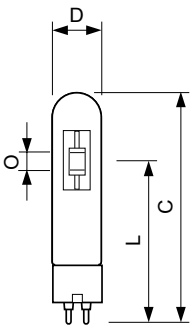
Product Data

Full product code	871150020113315
Order product name	MASTERColour CDM-TP 70W/842 PG12-2 1CT/12
EAN/UPC - Product	8711500201133
Order code	928085909230

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.

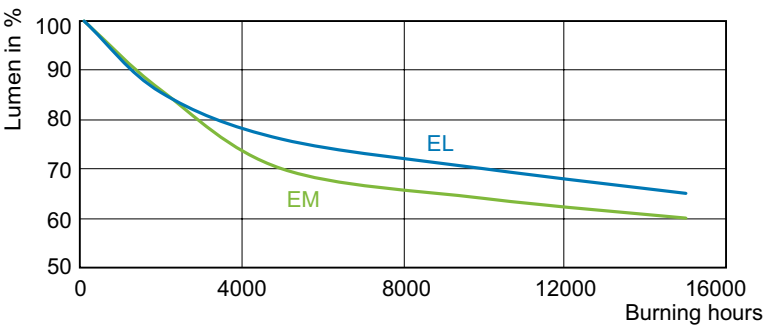
Dimensional drawing



CDM-TP 70W/842 PG12-2

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

Lifetime



CDM-TP 70W Lumen Maintenance /842



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2017, October 20 - data subject to change