

MASTERColour CDM-TP

MASTERColour CDM-TP 70W/830 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	830 [CCT of 3000K]
Luminous Flux (Rated) (Nom)	6000 lm
Color Designation	Warm White (WW)
Lumen Maintenance 10000 h (Nom)	65 %
Lumen Maintenance 2000 h (Nom)	80 %
Lumen Maintenance 5000 h (Nom)	70 %
Chromaticity Coordinate X (Nom)	428
Chromaticity Coordinate Y (Nom)	401
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	82 lm/W
Color Rendering Index (Nom)	80

• Operating and Electrical

Power (Rated) (Nom)	73.0 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)	3 min

• Mechanical and Housing

Bulb Finish	Clear

• Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	5.2 mg
Energy Consumption kWh/1000 h	80 kWh

• UV

Pet (Niosh) (Min)	8 h/500lx

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Damage Factor D/fc (Max)	0.3

• Luminaire Design Requirements

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

• Product Data

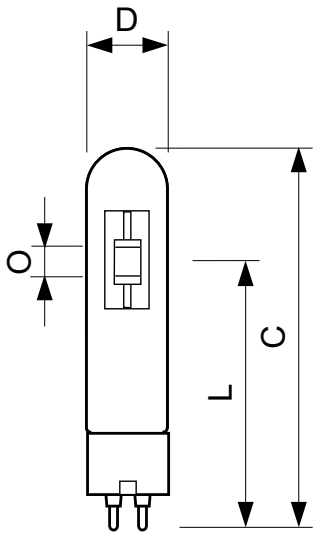
Full product code	871150020127015

Order product name	MASTERColour CDM-TP 70W/830 PG12-2 1CT/12
EAN/UPC - Product	8711500201270
Order code	928086909230
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928086909230
Net Weight (Piece)	72.000 g
ILCOS Code	MTS/UB-70/830-H-PG12-2-32/149

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.

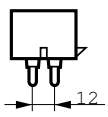
Dimensional drawing



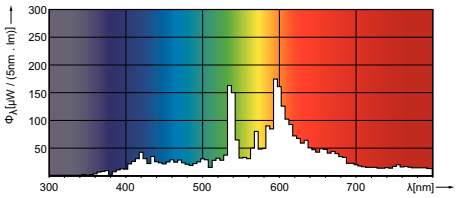
CDM-TP, PG12-2/PGX12-2

CDM-TP 70W/830 PG12-2

Product	D	O	L	L	L	C
MASTERColour CDM-TP 70W/830 PG12-2 1CT/12	32.00 mm	7 mm	89 mm	93 mm	91 mm	149 mm



Photometric data



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data subject to change