



MASTERColour CDM-TP

MASTERColour CDM-TP 150W/830 PGX12-2 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		Operating and Electrical	
Cap-Base	PGX12-2 [PGX12-2]	Chromaticity Coordinate X (Nom)	444
Operating Position	UNIVERSAL [Any or Universal (U)]	Chromaticity Coordinate Y (Nom)	407
Life to 5% Failures (Nom)	9000 h	Correlated Color Temperature (Nom)	3000 K
Life to 20% Failures (Nom)	13000 h	Luminous Efficacy (rated) (Nom)	88 lm/W
Life to 50% Failures (Nom)	16000 h	Color Rendering Index (Nom)	86
Light Technical		Power (Nom)	150.1 W
Color Code	830 [CCT of 3000K]	Lamp Current Run-Up (Max)	2.5 A
Luminous Flux (Rated) (Nom)	13200 lm	Lamp Current (EM) (Nom)	1.8 A
Color Designation	Warm White (WW)	Ignition Peak Voltage (Max)	5000 V
Lumen Maintenance 10000 h (Nom)	65 %	Ignition Supply Voltage (Min)	198 V
Lumen Maintenance 2000 h (Nom)	72 %	Re-Ignition Time (Min) (Max)	15 min
Lumen Maintenance 5000 h (Nom)	70 %	Ignition Time (Max)	30 s

MASTERCcolour CDM-TP

Voltage (Max)	106 V
Voltage (Min)	90 V
Voltage (Nom)	98 V

Controls and Dimming

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

Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	15 mg
Energy Consumption kWh/1000 h	165 kWh

UV

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

Luminaire Design Requirements

Bulb Temperature (Max)	480 °C
Cap-Base Temperature (Max)	240 °C

Product Data

Full product code	871150020125615
Order product name	MASTERCcolour CDM-TP 150W/830 PGX12-2 1CT/12
EAN/UPC - Product	8711500201256
Order code	928087009230
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928087009230
Net Weight (Piece)	77.000 g
ILCOS Code	MTS/UB-150/830-H-PGX12-2-91/149

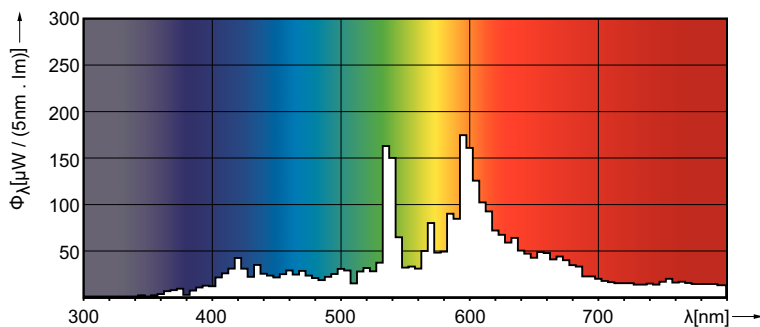
Dimensional drawing

D

Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERCcolour CDM-TP 150W/830 PGX12-2 1CT/12	32.00 mm	9 mm	89 mm	93 mm	91 mm	149 mm

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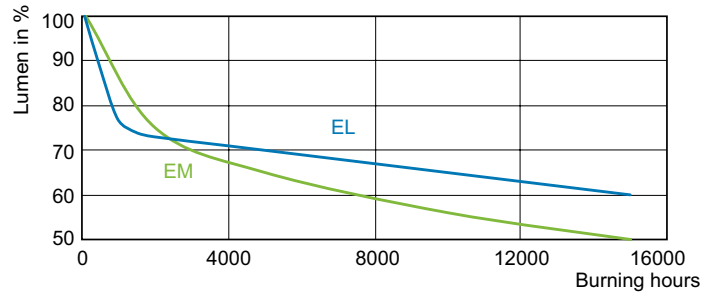
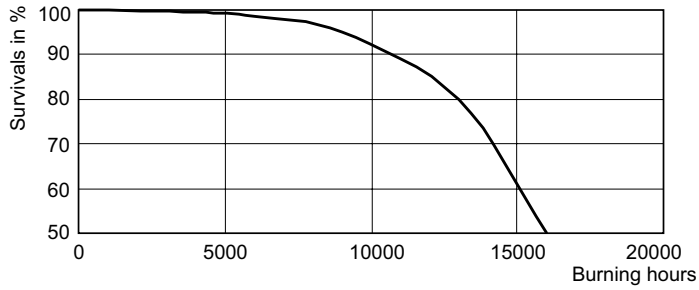
Photometric data



LDPO_CDM-TP_830-Spectral power distribution Colour

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Lifetime



LDLM_CDM-TP_150W_830-Lumen maintenance diagram

