



MASTERColour CDM-TP

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

Range of protected, high-efficiency, discharge lamps with a stable colour 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 Colour Temperature (Nom)	
Cap base	PG12-2 [PG12-2]		4200 K
Operating position	UNIVERSAL [Any/Universal]	Luminous efficacy (rated) (nom.)	77 lm/W
Life to 5% failures (nom.)	9000 h	Colour rendering index (nom.)	89
Life to 20% failures (nom.)	13000 h		
Life to 50% failures (nom.)	16000 h		
Light Technical		Operating and Electrical	
Colour Code	842 [CCT of 4,200 K]	Power (Rated) (Nom)	73.2 W
Luminous flux (rated) (nom.)	5600 lm	Lamp current run-up (max.)	1.4 A
Colour designation	Cool White (CW)	Lamp current (EM) (nom.)	0.98 A
Lumen maintenance 10,000 hours (nom.)	70 %	Ignition peak voltage (max.)	5000 V
Lumen maintenance 2,000 hours (nom.)	85 %	Ignition supply voltage (min.)	198 V
Lumen maintenance 5,000 hours (nom.)	75 %	Re-ignition time (min.) (max.)	15 min
Chromaticity coordinate X (nom.)	374	Ignition time (max.)	30 s
Chromaticity coordinate Y (nom.)	378	Voltage (Max)	98 V
		Voltage (Min)	82 V
		Voltage (Nom)	90 V

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Controls and Dimming

Dimmable	No
Run-up time 90% (max.)	4 min

Mechanical and Housing

Lamp Finish	Clear
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Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	7.1 mg
Energy consumption kWh/1,000 hours	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
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Product Data

Full product code	871150020113315
Order product name	MASTERCcolour CDM-TP 70W/842 PG12-2 1CT/12
EAN/UPC – product	8711500201133
Order code	20113315
Local code	70CDMTP942
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12 NC)	928085909230
SAP net weight (piece)	72.000 g
ILCOS code	MTS/UB-70/842-H-PG12-2-32/149

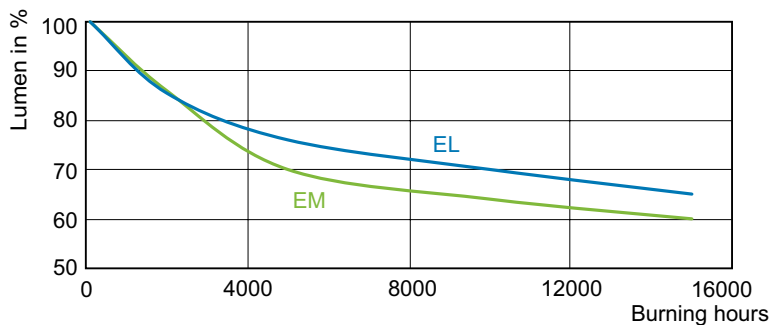
Dimensional drawing

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

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Lifetime



LDLM_CDM-TP_0001-Lumen maintenance diagram

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