

MASTERCcolour CDM-TP

MASTERCcolour CDM-TP 70W/830 PG12-2 1CT

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



Product data

• General Characteristics

Cap-Base	PG12-2
Bulb	T31 [T 31mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	9000 hr
Life to 20% failures	13000 hr
Life to 50% failures	16000 hr

• Electrical Characteristics

System Power EM	88 W
System Power EL	83 W
Lamp Wattage	70 W
Lamp Wattage EM	73.0 W
Lamp Voltage	90 V
Lamp Current EM	0.98 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	No

• Environmental Characteristics

Mercury (Hg) Content	5.1 mg
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• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	80 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K

Color Temperature Technical	3000 K
Chromaticity Coordinate X	425 -
Chromaticity Coordinate Y	400 -
Luminous Flux Lamp EM	5800 Lm
Luminous Efficacy Lamp EM	82 Lm/W
Lumen Maintenance 2000h	75 %
Lumen Maintenance 5000h	70 %
Lumen Maintenance 10000h	60 %
Lumen Maintenance 15000h	50 %

• UV-related Characteristics

PET (NIOSH)	500 h.klx
Damage Factor D/fc	0.17 -

• Product Dimensions

Overall Length C	149 (max) mm
Diameter D	32 (max) mm
Light Center Length L	91 mm
Arc Length O	7 mm

• Luminaire Design Requirements

Cap-Base Temperature	210 (max) C
Bulb Temperature	400 (max) C

PHILIPS

sense and simplicity

• Product Data

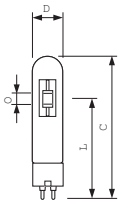
Order code	928086909230
Full product code	928086909230
Full product name	MASTERCcolour CDM-TP 70W/830 PG12-2 1CT
Order product name	MASTERC CDM-TP 70W/830 PG12-2 1CT/12
Pieces per pack	1

Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500201270
Bar code on outerbox - EAN3	8711500201287
Logistic code(s) - 12NC	928086909230
ILCOS code	MT-70/30/1B-H-PG12-2
Net weight per piece	0.073 kg

Warnings and Safety

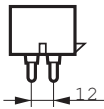
- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

Dimensional drawing

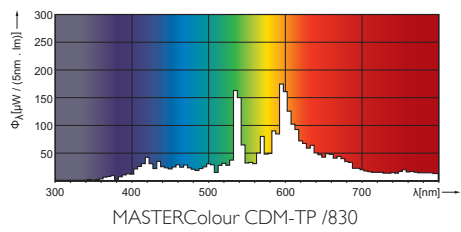


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Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Min)	O (Norm)	O (Max)
CDM-TP 70W/830 PG12-2	149	32.00	89	91	93	-	7	-



Photometric data



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data subject to change