



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

Product data

General Information		Lamp current run-up (max.)	
Cap base	PG12-2 [PG12-2]	Lamp current (EM) (nom.)	1.4 A
Operating position	UNIVERSAL [Any/Universal]	Ignition peak voltage (max.)	0.98 A
Life to 5% failures (nom.)	9000 h	Ignition supply voltage (min.)	5000 V
Life to 20% failures (nom.)	13000 h	Re-ignition time (min.) (max.)	198 V
Life to 50% failures (nom.)	16000 h	Ignition time (max.)	15 min
		Voltage (Max)	30 s
		Voltage (Min)	98 V
		Voltage (Nom)	82 V
			90 V
Light Technical		Controls and Dimming	
Colour code	842 [CCT of 4,200 K]	Dimmable	no
Luminous flux (rated) (nom.)	5600 lm	Run-up time 90% (max.)	4 min
Colour designation	Cool White (CW)		
Lumen maintenance 10,000 hours (nom.)	70 %	Mechanical and Housing	
Lumen maintenance 2,000 hours (nom.)	85 %	Bulb finish	Clear
Lumen maintenance 5,000 hours (nom.)	75 %		
Chromaticity coordinate X (nom.)	374	Approval and Application	
Chromaticity coordinate Y (nom.)	378	Energy efficiency label (EEL)	A
Correlated Colour Temperature (Nom)	4200 K	Mercury (Hg) content (nom.)	7.1 mg
Luminous efficacy (rated) (nom.)	76 lm/W	Energy Consumption kWh/1000 h	81 kWh
Color rendering index (nom.)	89		
Operating and Electrical			
Power (Rated) (Nom)	74.0 W		

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UV	
PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.4
Luminaire Design Requirements	
Bulb temperature (max.)	400 °C
Cap base temperature (max.)	210 °C
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
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928085909230
Net weight (piece)	72.000 g
ILCOS Code	MTS/UB-70/842-H-PG12-2-32/149

Warnings and Safety

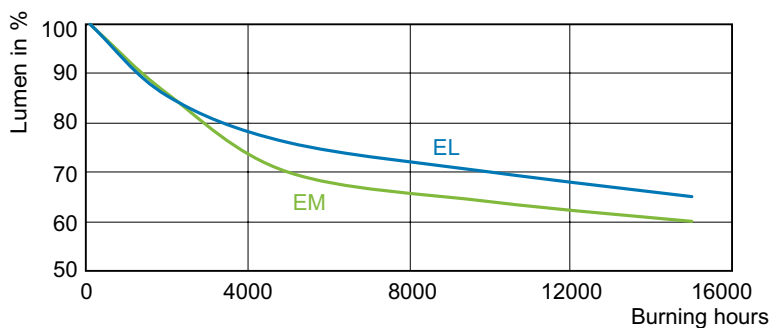
Dimensional drawing

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

