



MASTERColour CDM-TC

MASTERColour CDM-TC 70W/842 G8.5 1CT/12

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

Product data

General Information		Color rendering index (nom.)	
Cap base	G8.5 [G8.5]		89
Operating position	UNIVERSAL [Any/Universal]	Operating and Electrical	
Life to 5% failures (nom.)	9000 h	Power (Rated) (Nom)	73 W
Life to 10% failures (nom.)	8000 h	Re-ignition time (min.) (max.)	15 min
Life to 20% failures (nom.)	9000 h	Ignition time (max.)	30 s
Life to 50% failures (nom.)	12000 h	Voltage (Max)	93 V
ANSI code HID	-	Voltage (Min)	83 V
		Voltage (Nom)	88 V
Light Technical		Controls and Dimming	
Colour code	842 [CCT of 4,200 K]	Dimmable	no
Luminous flux (rated) (nom.)	5800 lm	Run-up time 90% (max.)	3 min
Colour designation	Cool White (CW)	Mechanical and Housing	
Lumen maintenance 10,000 hours (nom.)	65 %	Bulb finish	Clear
Lumen maintenance 2,000 hours (min.)	70 %	Bulb material	UV-Block Quartz
Lumen maintenance 2,000 hours (nom.)	80 %	Approval and Application	
Lumen maintenance 5,000 hours (min.)	65 %	Energy efficiency label (EEL)	A
Lumen maintenance 5,000 hours (nom.)	75 %	Mercury (Hg) content (nom.)	7 mg
Chromaticity coordinate X (nom.)	0.362		
Chromaticity coordinate Y (nom.)	0.363		
Correlated colour temperature (nom.)	4200 K		
Luminous efficacy (rated) (nom.)	79 lm/W		

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Energy Consumption kWh/1000 h	80 kWh
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UV

PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.5

Luminaire Design Requirements

Bulb temperature (max.)	700 °C
Pinch temperature (max.)	300 °C

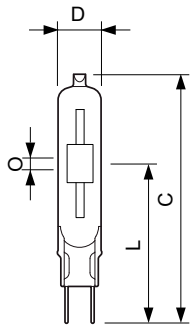
Product Data

Full product code	871150021275715
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Order product name	MASTERCcolour CDM-TC 70W/842 G8.5 1CT/12
EAN/UPC – product	8711500212757
Order code	21275715
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928094605131
Net weight (piece)	0.010 kg
ILCOS Code	MT/UB-70/842-H-G8.5-17/85

Warnings and Safety

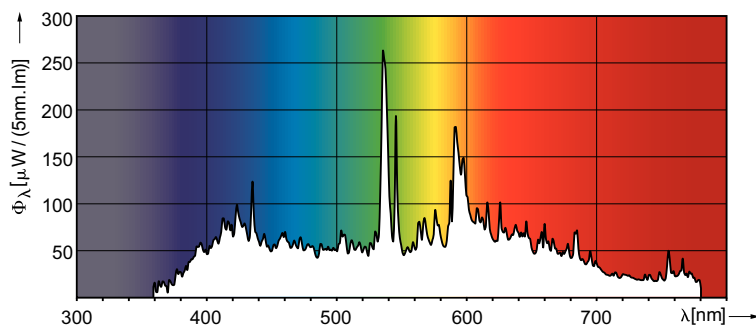
Dimensional drawing



CDM-TC 70W/842 G8.5

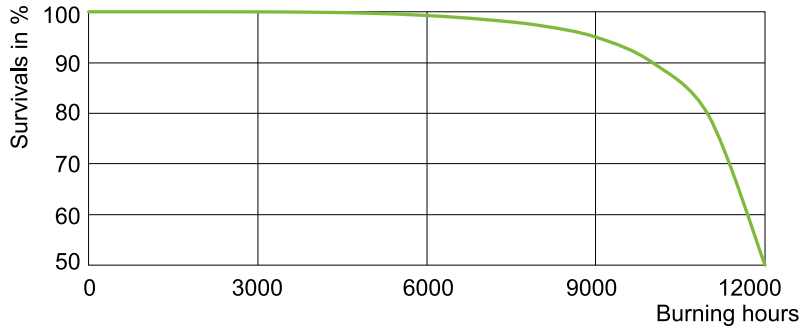
Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERCcolour CDM-TC 70W/842 G8.5 1CT/12	15 mm	5 mm	51 mm	53 mm	52 mm	85 mm

Photometric data



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Lifetime



LDLE_CDM-TC_0001-Life expectancy diagram

