

PHILIPS

Lighting



MASTERColour CDM-TC

MASTERColour CDM-TC 35W/830 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]		81
Operating position	UNIVERSAL [Any/Universal]	Operating and Electrical	
Life to 5% failures (nom.)	9000 h	Power (Rated) (Nom)	39.0 W
Life to 10% failures (nom.)	10000 h	Lamp current run-up (max.)	0.8 A
Life to 20% failures (nom.)	11000 h	Lamp current (EM) (nom.)	0.53 A
Life to 50% failures (nom.)	12000 h	Ignition supply voltage (max.)	198 V
ANSI code HID	C130/E	Ignition peak voltage (max.)	5000 V
		Ignition supply voltage (min.)	198 V
		Ignition peak voltage (min.)	3500 V
		Re-ignition time (min.) (max.)	15 min
Light Technical		Ignition time (max.)	30 s
Colour code	830 [CCT of 3,000 K]	Voltage (Max)	96 V
Luminous flux (rated) (nom.)	3100 lm	Voltage (Min)	80 V
Colour designation	Warm white (WW)	Voltage (Nom)	88 V
Lumen maintenance 10,000 hours (nom.)	50 %	Controls and Dimming	
Lumen maintenance 2,000 hours (min.)	70 %	Dimmable	no
Lumen maintenance 2,000 hours (nom.)	80 %	Run-up time 90% (max.)	3 min
Lumen maintenance 5,000 hours (min.)	50 %	Mechanical and Housing	
Lumen maintenance 5,000 hours (nom.)	65 %	Bulb finish	Clear
Chromaticity coordinate X (nom.)	0.432		
Chromaticity coordinate Y (nom.)	0.394		
Correlated colour temperature (nom.)	3000 K		
Luminous efficacy (rated) (nom.)	79 lm/W		

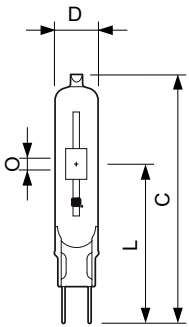
MASTERColour CDM-TC

Bulb material	UV-Block Quartz
Approval and Application	
Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	3.1 mg
Energy Consumption kWh/1000 h	43 kWh
UV	
PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.3
Luminaire Design Requirements	
Bulb temperature (max.)	500 °C
Pinch temperature (max.)	300 °C

Product Data	
Full product code	871150020000615
Order product name	MASTERColour CDM-TC 35W/830 G8.5 1CT/12
EAN/UPC – product	8711500200006
Order code	20000615
Local Code	35CDMTC830
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928085205125
Net weight (piece)	10.000 g
ILCOS Code	MT/UB-35/830-H-G8.5-17/85

Warnings and Safety

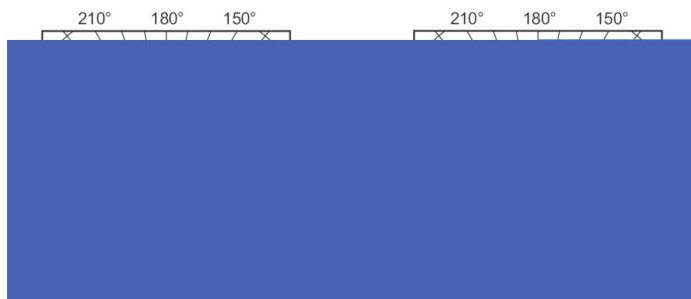
Dimensional drawing



CDM-TC 35W/830 G8.5

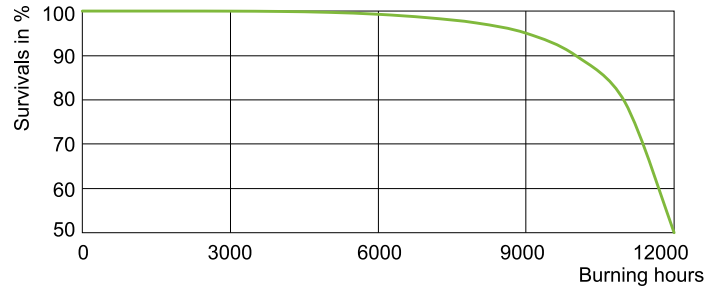
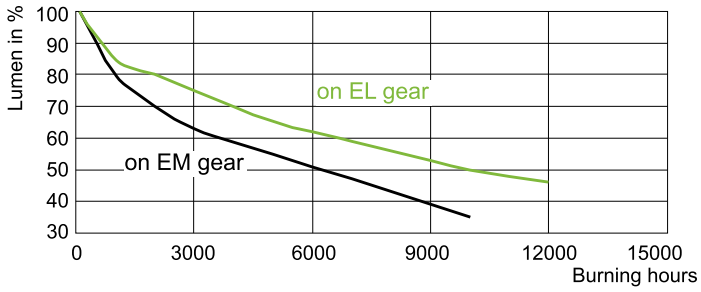
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Photometric data



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Lifetime



LDLM_CDM-TC_35W_830-Lumen maintenance diagram

LDLE_CDM-TC_0001-Life expectancy diagram

