

MASTERColour CDM-Tm Evolution Mini

MASTERColour CDM-Tm Evolution Mini 20W/930 GU6.5

Highest-efficiency, longest-life CDM-Tm Mini lamp producing crisp white sparkling light with high color rendering

Product data

General Information	
Cap base	GU6.5 [GU6.5]
Operating position	UNIVERSAL [Any/Universal]
Life to 5% failures (nom.)	16000 h
Life to 10% failures (nom.)	18000 h
Life to 20% failures (nom.)	20000 h
Life to 50% failures (nom.)	25000 h
ANSI code HID	C156/E

Light Technical	
Colour code	930 [CCT of 3000K]
Luminous flux (rated) (nom.)	2050 lm
Colour designation	Warm white (WW)
Lumen maintenance 1,000 hours (nom.)	96 %
Lumen maintenance 12,000 hours (nom.)	81 %
Lumen maintenance 2,000 hours (nom.)	93 %
Lumen maintenance 20,000 hours	77 %
Lumen maintenance 4,000 hours (nom.)	89 %
Chromaticity coordinate X (nom.)	0.435
Chromaticity coordinate Y (nom.)	0.396
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	102 lm/W
Color rendering index (min.)	87
Color rendering index (nom.)	90

Operating and Electrical	
Power (Rated) (Nom)	20.0 W
Lamp current run-up (max.)	0.5 A
Re-ignition time (min.) (max.)	15 min
Ignition time (max.)	180 s
Voltage (Max)	112 V
Voltage (Min)	98 V
Voltage (Nom)	105 V

Controls and Dimming	
Dimmable	no
Run-up time 90% (max.)	3 min

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Mechanical and Housing	
Bulb finish	Clear (CL)

Approval and Application	
Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	2.9 mg
Energy Consumption kWh/1000 h	22 kWh

UV	
PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.4

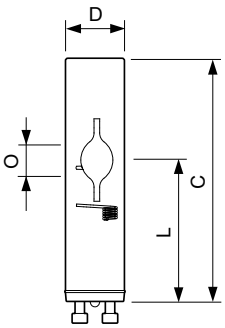
Luminaire Design Requirements	
Bulb temperature (max.)	380 °C
Cap base temperature (max.)	250 °C

Product Data	
Full product code	871829172863400
Order product name	MASTERColour CDM-Tm Evolution Mini 20W/930 GU6.5
EAN/UPC – product	8718291728634
Order code	72863400
Local Code	20CDMTMEVO930
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928100105130
Net weight (piece)	8.000 g

Warnings and Safety

- Use only in a totally enclosed luminaire, even during testing (IEC61167, IEC62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
- The vast majority of drivers are fully compatible with CDM Evolution lamps. However, best performance is guaranteed with Philips drivers.
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- CDM Evolution lamps are designed to comply with IEC standards
- 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.

Dimensional drawing

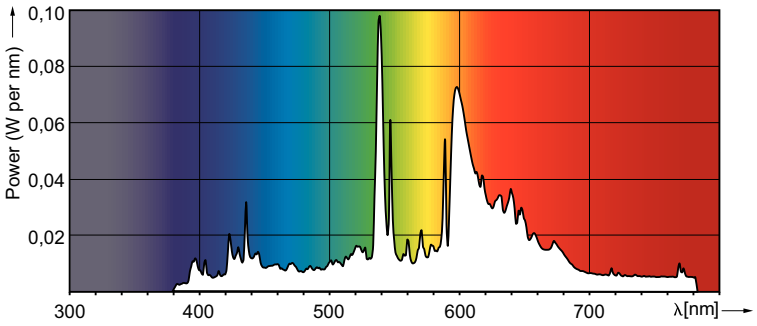


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Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERColour CDM-Tm Evolution Mini 20W/930 GU6.5	13.3 mm	0.5 in	3.6 mm	28 mm	32 mm	30 mm	56.7 mm

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Photometric data



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