



MASTERColour CDM-Tm Elite Mini

MASTERColour CDM-Tm Elite Mini 20W/830 GU6.5 1CT

Mini, single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high colour rendering

Product data

General Information	
Cap base	GU6.5 [GU6.5]
Operating position	UNIVERSAL [Any/Universal]
Life to 5% failures (nom.)	12000 h
Life to 10% failures (nom.)	14000 h
Life to 20% failures (nom.)	16000 h
Life to 50% failures (nom.)	20000 h
ANSI code HID	C156/E

Light Technical	
Colour code	830 [CCT of 3000K]
Luminous flux (rated) (min.)	1620 lm
Luminous flux (rated) (nom.)	1800 lm
Colour designation	Warm white (WW)
Lumen maintenance 1,000 hours (nom.)	91 %
Lumen maintenance 12,000 hours (nom.)	77 %
Lumen maintenance 10,000 hours (nom.)	78 %
Lumen maintenance 2,000 hours (nom.)	87 %
Lumen maintenance 4,000 hours (nom.)	84 %
Lumen maintenance 5,000 hours (nom.)	83 %

Chromaticity coordinate X (nom.)	0.436
Chromaticity coordinate Y (nom.)	0.396
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	90 lm/W
Color rendering index (min.)	81
Color rendering index (nom.)	84

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.)	30 s
Voltage (Max)	100 V
Voltage (Min)	90 V
Voltage (Nom)	95 V

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

MASTERCLOUR CDM-Tm Elite Mini

Mechanical and Housing

Bulb finish Clear (CL)

Approval and Application

Energy efficiency label (EEL) A+

Mercury (Hg) content (nom.) 3.5 mg

Energy Consumption kWh/1000 h 22 kWh

UV

PET (NIOSH) (min.) 8 h/500lx

Damage factor D/fc (max.) 0.5

Luminaire Design Requirements

Bulb temperature (max.) 380 °C

Cap base temperature (max.) 250 °C

Product Data

Full product code 872790089083900

Order product name MASTERCLOUR CDM-Tm Elite Mini 20W/830 GU6.5
1CT

EAN/UPC – product 8727900890839

Order code 89083900

Local Code 20CDMTM830GU6.5

Numerator – quantity per pack 1

Numerator – packs per outer box 12

Material no. (12NC) 928183505130

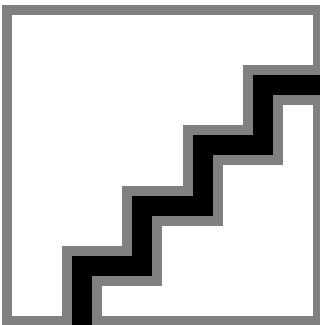
Net weight (piece) 0.007 kg

ILCOS Code MT/UB-20/830-H-GU6.5-13.3/52

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
- For 50W use with Philips electronic gear only
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

Dimensional drawing

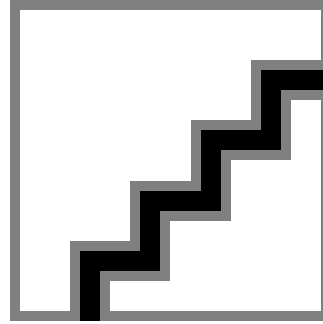


CDM-Tm 20W/830 GU6.5

Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERCLOUR CDM-Tm Elite Mini 20W/830 GU6.5 1CT	13.3 mm	0.5 in	3.4 mm	28 mm	32 mm	30 mm	56.7 mm

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Photometric data



Lifetime

