



# MASTERCoulour CDM-Tm Mini PGJ5

## MASTERC CDM-TM MINI 20W/830 PGJ5 1CT/12

Miniature, single-ended ceramic metal halide lamp PGJ5 twist-lock lamp base

### 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
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- For 20W PGJ5 lamp, use only Philips electronic control gear HID PV mini PGJ5 20W
- For 35W PGJ5 lamp, use only Philips electronic control gear HID PV mini PGJ5 35W
- 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.

### Product data

General Information		Light Technical	
Cap base	PGJ5 [ PGJ5]	Lumen maintenance 10,000 hours (nom.)	60 %
Operating position	UNIVERSAL [ Any/Universal]	Lumen maintenance 2,000 hours (nom.)	75 %
Life to 5% failures (nom.)	9000 h	Lumen maintenance 5,000 hours (nom.)	65 %
Life to 10% failures (nom.)	10000 h	Chromaticity coordinate X (nom.)	0.433
Life to 20% failures (nom.)	11000 h	Chromaticity coordinate Y (nom.)	0.392
Life to 50% failures (nom.)	12000 h	Correlated Colour Temperature (Nom)	3000 K
		Luminous efficacy (rated) (nom.)	72 lm/W
		Colour-rendering index (min.)	84
		Colour rendering index (nom.)	87
Light Technical		Operating and Electrical	
Colour Code	830 [ CCT of 3,000 K]	Power (Rated) (Nom)	22.1 W
Luminous flux (rated) (nom.)	1600 lm	Lamp current run-up (max.)	.5 A
Colour designation	Warm white (WW)		
Lumen maintenance 1,000 hours (nom.)	80 %		

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Re-ignition time (min.) (max.)	15 min
Ignition time (max.)	30 s
Voltage (Max)	108 V
Voltage (Min)	95 V
Voltage (Nom)	100 V

## Controls and Dimming

Dimmable	No
Run-up time 90% (max.)	3 min

## Mechanical and Housing

Lamp Finish	Clear
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## Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	2.4 mg
Energy consumption kWh/1,000 hours	24 kWh

## UV

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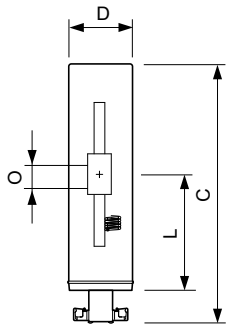
## Luminaire Design Requirements

Bulb temperature (max.)	380 °C
Cap-base temperature (max.)	250 °C

## Product Data

Full product code	871150020751715
Order product name	MASTERCoulour CDM-Tm Mini 20W/830 PGJ5 1CT/12
EAN/UPC – product	8711500207517
Order code	20751715
Local order code	20CDMTM830
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	928087905130
SAP net weight (piece)	0.005 kg
ILCOS code	MT/UB-20/830-H/L-PGJ5-13.3/52

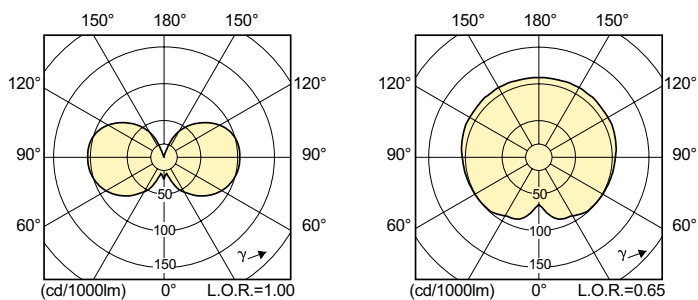
## Dimensional drawing



CDM-Tm 20W/830 PGJ5

Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERCoulour CDM-Tm Mini 20W/830 PGJ5 1CT/12	13.2 mm	0.44 in	3 mm	22.3 mm	22.9 mm	22.6 mm	52 mm

## Photometric data



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## Lifetime

