MASTERColour 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	
Cap-Base	PGJ5
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	12,000 h

Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux	1,600 lm
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	72 lm/W
Color rendering index (CRI)	87
Arc Length O (Nom)	3 mm

Operating and Electrical	
Power Consumption	22.1 W
Voltage (Nom)	100 V
Voltage (Nom)	100 V

Controls and Dimming	
Dimmable	No

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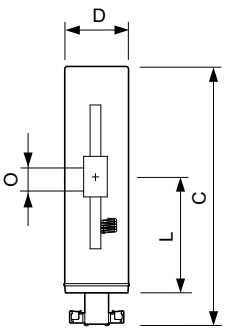
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T13.3

Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	2.4 mg
Mercury (Hg) Content (Nom)	2.4 mg
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	473347

Product Data	
Order product name	MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12

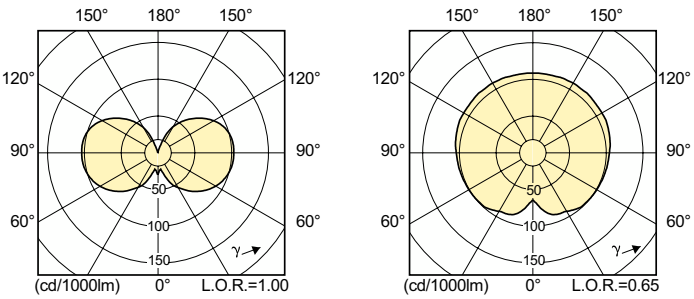
Full product name	MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12
Full product code	871150020751715
Local code description	CDMTM20W830
Order code	928087905130
Material Nr. (12NC)	928087905130
Local order code	CDMTM20W830
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500207517
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500207524

Dimensional drawing

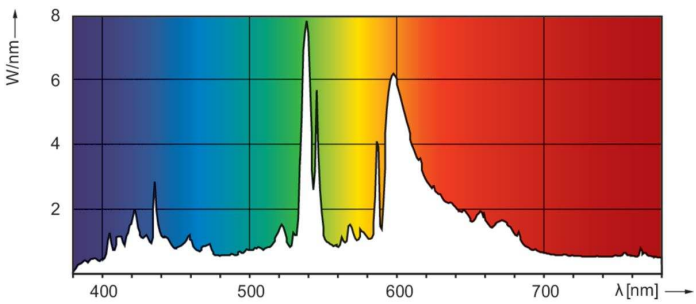


Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12	13.2 mm	0.44 inch	3 mm	22.3 mm	22.9 mm	22.6 mm	52 mm

Photometric data



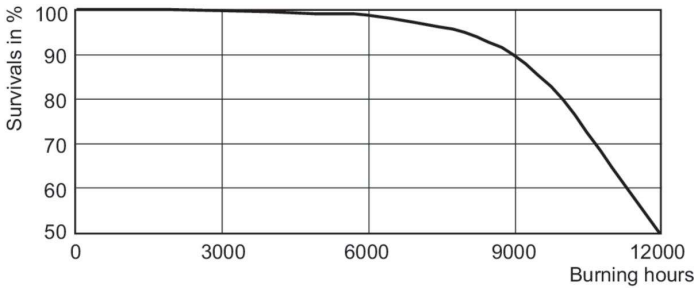
Light Distribution Diagram - MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12



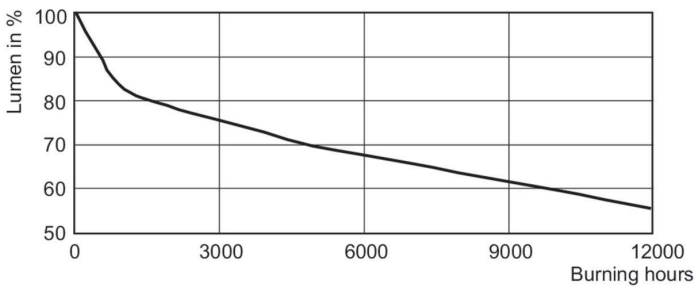
Spectral Power Distribution Colour - MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12

MASTERColour CDM-Tm Mini PGJ5

Lifetime



Life Expectancy Diagram - MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12



Lumen Maintenance Diagram - MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12

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