

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	
Colour Code	830 [CCT of 3000K]
Luminous Flux	1,600 lm
Colour designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	72 lm/W
Colour 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

MASTERColour CDM-Tm Mini PGJ5

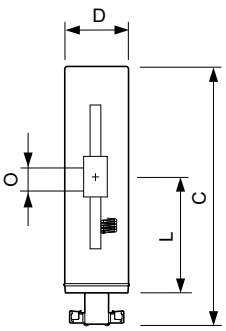
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T13.3 [T 13.3mm]

Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	2.4 mg
Mercury (Hg) content (nom.)	2.4 mg
Energy consumption kWh/1,000 hours	23 kWh
EPREL registration number	473347

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

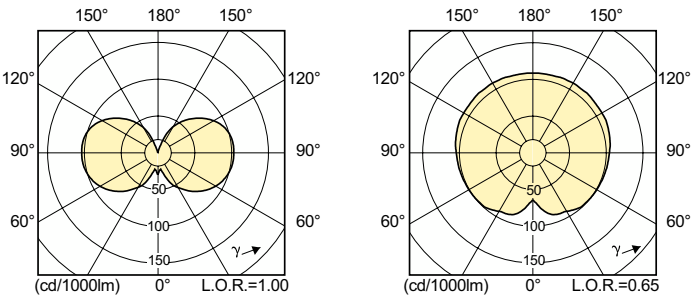
Full product name	MASTERC CDM-TM MINI 20W/830 PGJ5 1CT/12
Full EOC	871150020751715
Order code	20751715
Material no. (12 NC)	928087905130
Local order code	20CDMTM830
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8711500207517
Numerator – packs per outer box	12
EAN/UPC - Case	8711500207524

Dimensional drawing

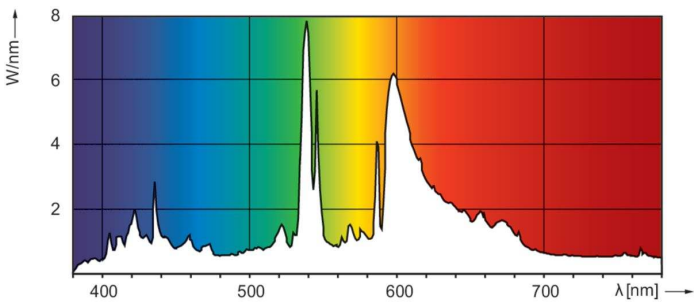


Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12	13.2 mm	0.44 in	3 mm	22.3 mm	22.9 mm	22.6 mm	52 mm

Photometric data



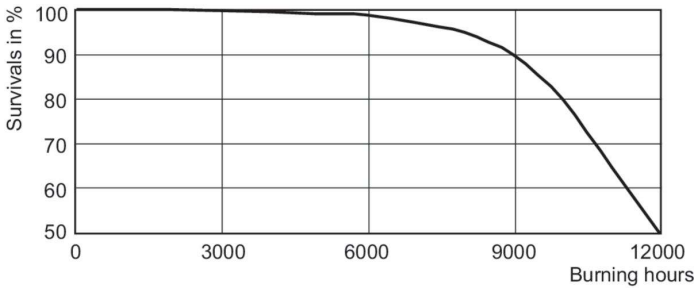
Light Distribution Diagram - MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12



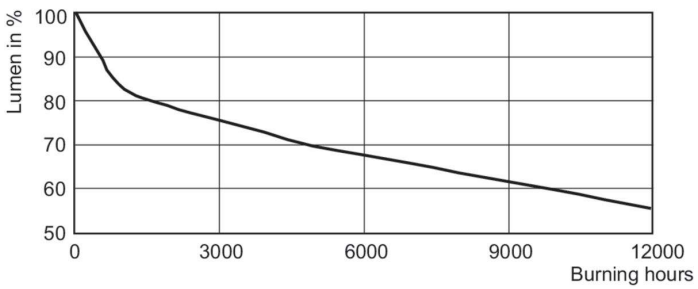
Spectral Power Distribution Colour - MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12

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

© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.