PHILIPS Lighting



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)
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- $\boldsymbol{\cdot}$ The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- \cdot Use only with electronic control gear
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- For 20W PGJ5 lamp, use only Philips electronic control gear HID PV mini PGJ5 20W
- 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
- 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.
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Product data

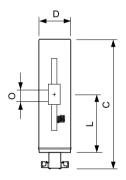
General Information		Life to 50% Failures (Nom)	12,000 hour(s)		
Cap-Base	PGJ5				
Operating Position	UNIVERSAL [Any or Universal (U)]	Light Technical	Light Technical		
Flux measurement reference	Sphere	Color Code	830 [CCT of 3000K]		

MASTERColour CDM-Tm Mini PGJ5

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			
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Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Clear			
Bulb Shape	T13.3			

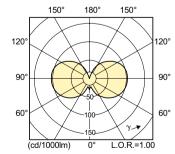
Approval and Application				
Energy Efficiency Class	G			
Mercury (Hg) Content (Max)	2.4 mg			
Mercury (Hg) Content (Nom)	2.4 mg			
Energy Consumption kWh/1000 h	23 kWh			
EPREL Registration Number	473347			
Product Data				
Order product name	MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12			
Full product name	MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12			
Full product code	871150020751715			
Order code	928087905130			
Material Nr. (12NC)	928087905130			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8711500207517			
Numerator - Packs per outer box	12			
EAN/UPC - Case	8711500207524			

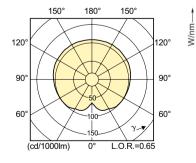
Dimensional drawing



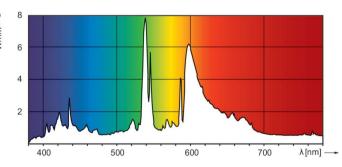
Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MASTERC CDM-Tm	13.2 mm	0.44	3 mm	22.3 mm	22.9 mm	22.6	52 mm
Mini 20W/830 PGJ5		inch				mm	
1CT/12							

Photometric data





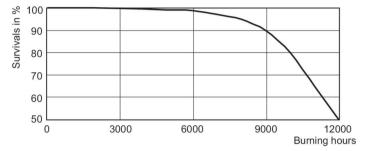
Light Distribution Diagram - MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12



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

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Lifetime



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

\$ 100 90 80 70 60 50 0 3000 6000 9000 12000 Burning hours

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



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