



# MASTERCcolour CDM-Tm Mini PGJ5

MASTERCcolour CDM-Tm Mini 20W/830 PGJ5 1CT/12

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

## Product data

### • General Information

Cap-Base	PGJ5 [ PGJ5]
Burning Position	UNIVERSAL [ Any/Universal]
Life To 5% Failures (Nom)	9000 h
Life To 10% Failures (Nom)	10000 h
Life To 20% Failures (Nom)	11000 h
Life To 50% Failures (Nom)	12000 h

### • Light Technical

Luminous Flux (Nom)	1650 lm
Colour Designation	Warm white (WW)
Lumen Maintenance 1000 h (Nom)	80 %
Lumen Maintenance 10000 h (Nom)	60 %
Lumen Maintenance 2000 h (Nom)	75 %
Lumen Maintenance 5000 h (Nom)	65 %
Chromaticity Coordinate X (Nom)	0.433
Chromaticity Coordinate Y (Nom)	0.392
Correlated Colour Temperature (Nom)	2975 K
Luminous Efficacy (rated) (Nom)	75 lm/W
Colour Rendering Index (Min)	84
Colour Rendering Index (Nom)	87

### • Operating and Electrical

Power (Rated) (Nom)	20 W
Lamp Current Run-Up (Max)	.5 A
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

Bulb Finish	Clear
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### • Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	2.4 mg

### • UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.5

**PHILIPS**

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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	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12

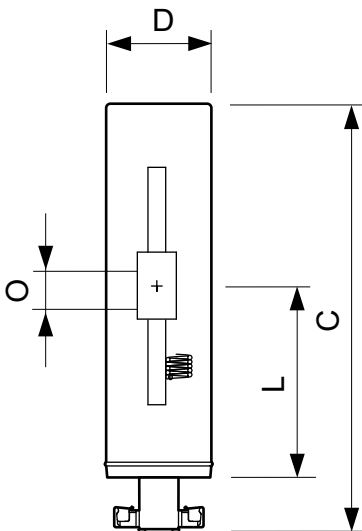
EAN/UPC - Product	8711500207517
Order code	20751715
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928087905130
Net Weight (Piece)	0.005 kg
ILCOS Code	MT/UB-20/830-H/L-PGJ5-13.3/52

## 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
- 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.

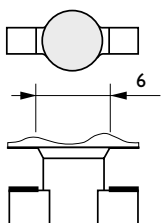
## Dimensional drawing



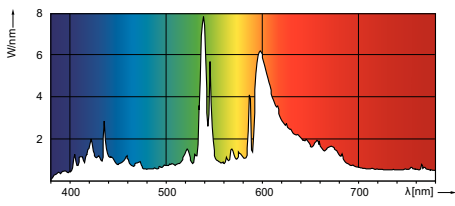
MASTERColour CDM-Tm PGJ5 T13.3

## CDM-Tm 20W/830 PGJ5

Product	D	D	O	L	L	L	C
MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	13.3 mm	0.44 in	3 mm	22.3 mm	22.9 mm	22.6 mm	52 mm



Photometric data



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2016, January 12  
data subject to change