



Product Description

MASTERColour CDM-Tm Mini PGJ5

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

Benefits

- Stable colour impression over lifetime
- High efficacy for low operating costs and low heat generation
- Long life compared with halogen lamps
- Relatively low heat output enhances comfort for shoppers and staff
- Mechanical retrofit in halogen capsule (GY6.35) luminaires (same light centre length). For full retrofit gear and lampholder also need to be exchanged
- UV Block for reduced fading risk of merchandise

Features

- Crisp, sparkling light for a comfortable atmosphere
- Low heat generation
- Warm white colour impression
- Good colour rendering
- Miniature size allows design of very compact luminaires with high beam intensities for mounting close to illuminated object
- Easy replacement due to robust twist-lock socket
- Universal burning position

Application

- Accent and display lighting with a sparkling effect
- Decorative outdoor floodlighting

MASTERCoulour CDM-Tm Mini PGJ5

Warnings and Safety

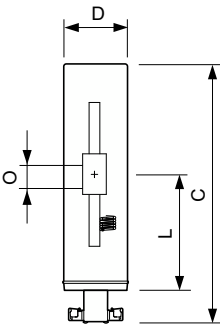
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- For 20W PGJ5 lamp, 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.

Versions



LPPR CDM-Tm 0001

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
MASTERC CDM-Tm Mini 35W/930 PGJ5 1CT/12	13.2 mm	0.44 in	4 mm	22.3 mm	22.9 mm	22.6 mm	52 mm

MASTERCcolour CDM-Tm Mini PGJ5

General Information

Cap base	PGJ5
Operating position	UNIVERSAL

Light Technical

Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	3000 K

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Clear
Bulb shape	T13.3

Light Technical

Order Code	Full Product Name	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)	Luminous Flux
20751715	MASTERC CDM-TM MINI 20W/830 PGJ5 1CT/12	87	72 lm/W	1,600 lm
21149115	MASTERC CDM-TM MINI 35W/930 PGJ5 1CT/12	91	77 lm/W	3,000 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
20751715	MASTERC CDM-TM MINI 20W/830 PGJ5 1CT/12	100 V	22.1 W

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
21149115	MASTERC CDM-TM MINI 35W/930 PGJ5 1CT/12	96 V	39.1 W

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (Hg) content (nom.)
20751715	MASTERC CDM-TM MINI 20W/830 PGJ5 1CT/12	23 kWh	2.4 mg	2.4 mg
21149115	MASTERC CDM-TM MINI 35W/930 PGJ5 1CT/12	40 kWh	2.7 mg	2.74 mg

