



# Beautiful sparkle, mini design

## MASTERColour CDM-Tm Mini PGJ5

Mini, single-ended, high-efficiency Ceramic Metal Halide discharge lamp producing crisp white sparkling light

### Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Stable color and lumen output over life keeps your store attractive season after season
- Fits in small luminaires which are less visible

### Features

- Crisp white sparkling light
- Excellent color rendering, with extra red
- High efficacy
- Stable color performance during lifetime
- Mini size

### Application

- Accent and display lighting in retail
- General and decorative indoor lighting
- Outdoor area lighting

# MASTERColour CDM-Tm Mini PGJ5

## Warnings and Safety

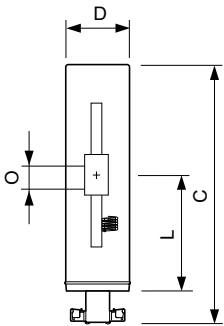
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- For 20W PGJ5 lamp,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



MASTERColour CDM-Tm 35W /930 PGJ5

## Dimensional drawing



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERColour 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
MASTERColour CDM-Tm Mini 35W/930 PGJ5 1CT/12	13.3 mm	0.44 in	4 mm	22.3 mm	22.9 mm	22.6 mm	52 mm

# MASTERColour CDM-Tm Mini PGJ5

## Approval and Application

Energy Efficiency Label (EEL) A

## Controls and Dimming

Dimmable No

## Operating and Electrical

Re-ignition Time (Min) (Max) 15 min

## General Information

Cap-Base PGJ5  
 Life To 10% Failures (Nom) 10000 h  
 Life To 20% Failures (Nom) 11000 h  
 Life To 50% Failures (Nom) 12000 h  
 Life To 5% Failures (Nom) 9000 h  
 Operating Position UNIVERSAL

## Light Technical

Color Designation Warm White (WW)  
 Correlated Color Temperature (Nom) 3000 K  
 Lumen Maintenance 10000 h (Nom) 60 %

## Mechanical and Housing

Bulb Finish Clear  
 Bulb Shape T13.3

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	24 kWh	2.4 mg
928093905130	MASTERColour CDM-Tm Mini 35W/930 PGJ5 1CT/12	43 kWh	2.74 mg

## Operating and Electrical

Order Code	Full Product Name	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	108 V	95 V	100 V	22.0 W

Order Code	Full Product Name	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
928093905130	MASTERColour CDM-Tm Mini 35W/930 PGJ5 1CT/12	104 V	88 V	96 V	39.0 W

## Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	380 °C

Order Code	Full Product Name	Bulb Temperature (Max)
928093905130	MASTERColour CDM-Tm Mini 35W/930 PGJ5 1CT/12	480 °C

## Light Technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Code	Color Rendering Index (Min)
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	0.433	0.392	830	84
928093905130	MASTERColour CDM-Tm Mini	0.436	0.396	930	88

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Code	Color Rendering Index (Min)
	35W/930 PGJ5 1CT/12				

# MASTERColour CDM-Tm Mini PGJ5

## Light Technical (2/2)

Order Code	Full Product Name	Color					
		Rendering Index (Nom)	Lumen Maintenance 1000 h (Nom)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 ICT/12	87	80 %	75 %	65 %	75 lm/W	1650 lm
928093905130	MASTERColour CDM-Tm Mini 35W/930 PGJ5 ICT/12	91	85 %	80 %	70 %	77 lm/W	3000 lm

