



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

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Warnings and Safety

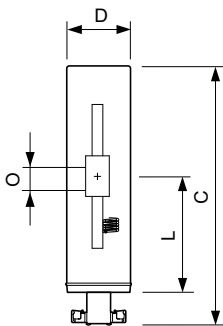
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- For 20W PGJ5 lamp, 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 35W/930 PGJ5 1CT/12	13.2 mm	0.44 in	4 mm	22.3 mm	22.9 mm	22.6 mm	52 mm
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 PGJ5

Controls and Dimming

Dimmable	No
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Operating and Electrical

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

Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
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	Mercury (Hg)	Mercury (Hg)
		kWh/1000 h	Content (Max)	Content (Nom)
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	23 kWh	2.4 mg	2.4 mg
928093905130	MASTERColour CDM-Tm Mini 35W/930 PGJ5 1CT/12	40 kWh	2.7 mg	2.74 mg

Operating and Electrical

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated)
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	108 V	95 V	100 V	22.1 W

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated)
928093905130	MASTERColour CDM-Tm Mini 35W/930 PGJ5 1CT/12	104 V	88 V	96 V	39.1 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	Color			Lumen Maintenance
		Color Code	Color Rendering Index (Min)	Color Rendering Index (Nom)	
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	830	84	87	80 %
928093905130	MASTERColour CDM-Tm Mini	930	88	91	85 %

Order Code	Full Product Name	Color			Lumen Maintenance
		Color Code	Color Rendering Index (Min)	Color Rendering Index (Nom)	
	35W/930 PGJ5 1CT/12				

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Light Technical (2/2)

Order Code	Full Product Name	Lumen	Lumen	Luminous	Luminous
		Maintenance (Nom)	Maintenance (Nom)	Efficacy (Nom)	Flux (Nom)
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	75 %	65 %	72 lm/W	1600 lm
928093905130	MASTERColour CDM-Tm Mini 35W/930 PGJ5 1CT/12	80 %	70 %	77 lm/W	3000 lm

