



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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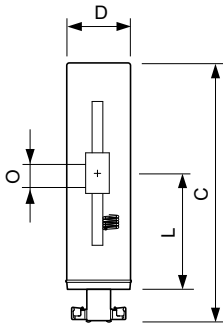
Warnings and Safety

- 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



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

MASTERC colour 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	
Colour Designation	Warm White (WW)
Correlated Colour 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/	Mercury (Hg)
		1000 h	Content (Nom)
20751715	MASTERC CDM-TM MINI 20W/830 PGJ5 1CT/12	24 kWh	2.4 mg
21149115	MASTERC 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)
20751715	MASTERC CDM-TM MINI 20W/830 PGJ5 1CT/12	108 V	95 V	100 V	22.1 W

Order Code	Full Product Name	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power
					(Rated)
					(Nom)
21149115	MASTERC 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)
20751715	MASTERC CDM-TM MINI 20W/830 PGJ5 1CT/12	380 °C

Order Code	Full Product Name	Bulb Temperature (Max)
21149115	MASTERC CDM-TM MINI 35W/930 PGJ5 1CT/12	480 °C

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Colour Code	Rendering Index (Min)
20751715	MASTERC CDM-TM MINI	0.433	0.392	830	84

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Colour Code	Rendering Index (Min)
	20W/830 PGJ5 1CT/12				
21149115	MASTERC CDM-TM MINI 35W/930 PGJ5 1CT/12	0.436	0.396	930	88

Light Technical (2/2)

MASTERC colour CDM-Tm Mini PGJ5

Order Code	Full Product Name	Colour				Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
		Rendering Index (Nom)	Lumen Maintenance 1000 h (Nom)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)		
20751715	MASTERC CDM-TM MINI 20W/830 PGJ5 1CT/12	87	80 %	75 %	65 %	72 lm/W	1600 lm
21149115	MASTERC CDM-TM MINI 35W/930 PGJ5 1CT/12	91	85 %	80 %	70 %	77 lm/W	3000 lm

