



MASTERColour CDM-Tm Mini PGJ5

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

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

Product data

General Information		Color Rendering Index (Nom)	
Cap-Base	PGJ5 [PGJ5]	87	
Operating Position	UNIVERSAL [Any or Universal (U)]		
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		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Power (Rated) (Nom)	22.0 W
Luminous Flux (Rated) (Nom)	1650 lm	Lamp Current Run-Up (Max)	.5 A
Color Designation	Warm White (WW)	Re-Ignition Time (Min) (Max)	15 min
Lumen Maintenance 1000 h (Nom)	80 %	Ignition Time (Max)	30 s
Lumen Maintenance 10000 h (Nom)	60 %	Voltage (Max)	108 V
Lumen Maintenance 2000 h (Nom)	75 %	Voltage (Min)	95 V
Lumen Maintenance 5000 h (Nom)	65 %	Voltage (Nom)	100 V
Chromaticity Coordinate X (Nom)	0.433	Controls and Dimming	
Chromaticity Coordinate Y (Nom)	0.392	Dimmable	No
Correlated Color Temperature (Nom)	3000 K	Run-Up Time 90% (Max)	3 min
Luminous Efficacy (rated) (Nom)	75 lm/W	Mechanical and Housing	
Color Rendering Index (Min)	84	Bulb Finish	Clear
		Approval and Application	
		Energy Efficiency Label (EEL)	A
		Mercury (Hg) Content (Nom)	2.4 mg

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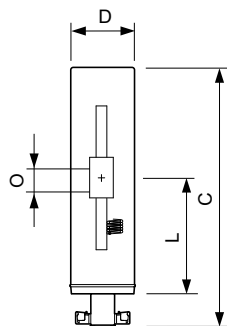
Energy Consumption kWh/1000 h	24 kWh
UV	
Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.5
Luminaire Design Requirements	
Bulb Temperature (Max)	380 °C
Cap-Base Temperature (Max)	250 °C
Product Data	
Full product code	871150020751715

Order product name	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12
EAN/UPC - Product	8711500207517
Order code	928087905130
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

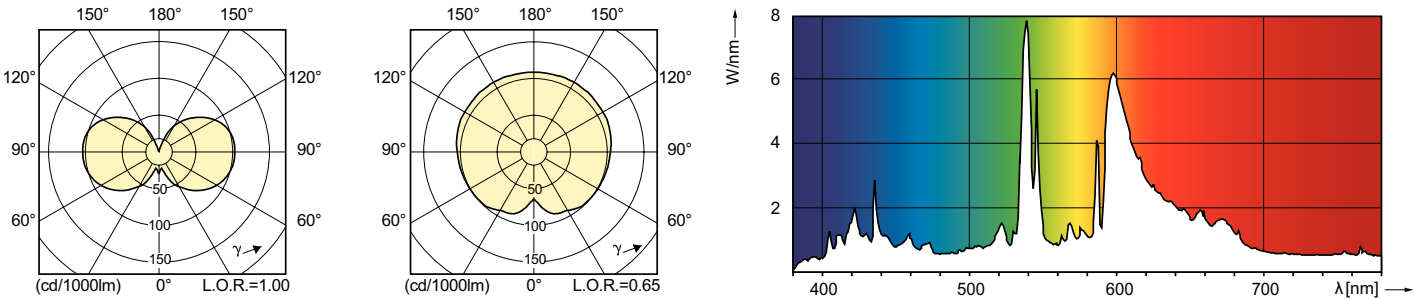


CDM-Tm 20W/830 PGJ5

Product	D (max)	D	O	L (min)	L (max)	L	C (max)
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

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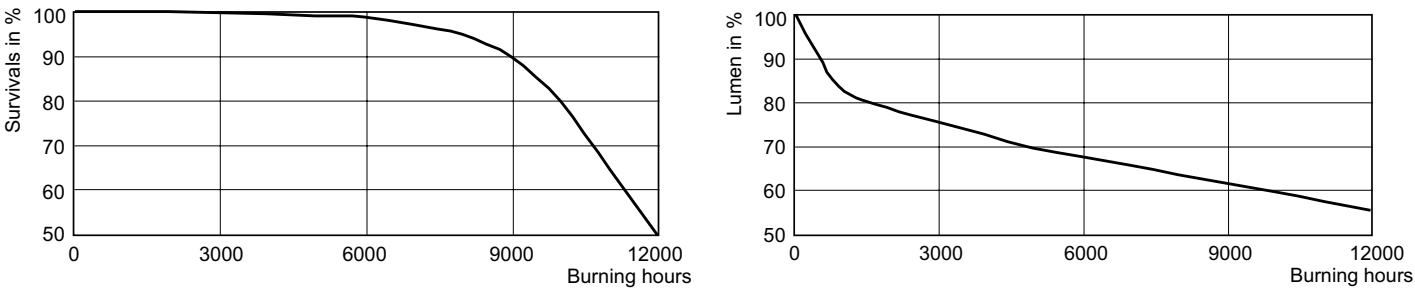
Photometric data



CDM-Tm 20W /830 PGJ5

MASTERColour CDM-Tm Mini /830 & /930

Lifetime



CDM-Tm Elite 20W Life Expectancy /830 PGJ5

CDM-Tm Elite 20W Lumen Maintenance /830 PGJ5

