



MASTERColour CDM-Tm Mini PGJ5



MASTERColour CDM-Tm Mini 35W/930 PGJ5 1CT/12

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

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.

Product data

General information	
Cap-Base	PGJ5 [PGJ5]
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
Flux measurement reference	Sphere

Light technical	
Color Code	930 [CCT of 3000K]
Luminous Flux (Nom)	3000 lm
Luminous Flux (Rated) (Nom)	3000 lm
Color Designation	Warm White (WW)
Lumen Maintenance 1000 h (Nom)	85 %
Lumen Maintenance 10000 h (Nom)	60 %
Lumen Maintenance 2000 h (Nom)	80 %
Lumen Maintenance 5000 h (Nom)	70 %
Chromaticity Coordinate X (Nom)	0.434

MASTERCcolour CDM-Tm Mini PGJ5

Chromaticity Coordinate Y (Nom)	0.398
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	77 lm/W
Color Rendering Index (Min)	88
Color Rendering Index (Nom)	91

Operating and electrical

Power (Nom)	39.1 W
Lamp Current Run-Up (Max)	0.7 A
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	104 V
Voltage (Min)	88 V
Voltage (Nom)	96 V

Controls and dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

Mechanical and housing

Bulb Finish	Clear
Bulb Shape	T13.3 [T 13.3mm]

Approval and application

Energy Efficiency Class	G
Mercury (Hg) Content (Max)	2.7 mg
Mercury (Hg) Content (Nom)	2.74 mg
Energy Consumption kWh/1000 h	40 kWh

EPREL Registration Number	473353
---------------------------	--------

UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4

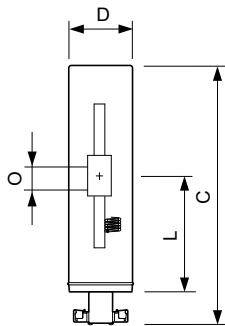
Luminaire design requirements

Bulb Temperature (Max)	480 °C
Cap-Base Temperature (Max)	250 °C
Cap-Base Temperature (Max)-DUP(do not use)	482 °F

Product data

Full product code	871150021149115
Order product name	MASTERCcolour CDM-Tm Mini 35W/930 PGJ5 1CT/12
EAN/UPC - Product	8711500211491
Order code	928093905130
Numerator - Quantity Per Pack	1
Local code description	LAMPADA HALETO METALICO CDMTMiniEL35W930
Numerator - Packs per outer box	12
Material Nr. (12NC)	928093905130
Net Weight (Piece)	0.006 kg
ILCOS Code	MT/UB-35/930-H/L-PGJ5-13.3/52

Dimensional drawing

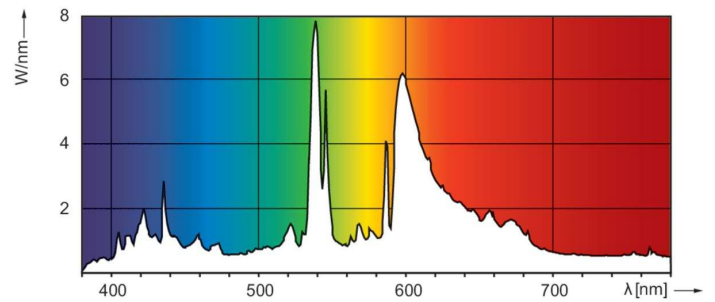
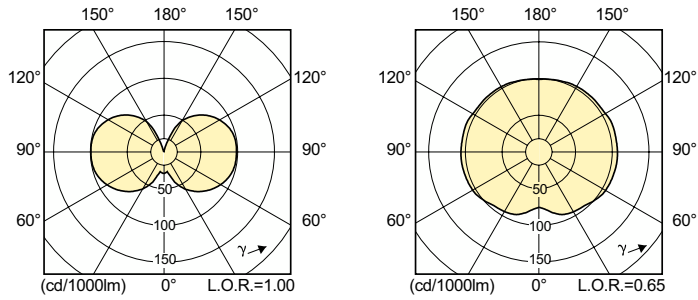


MASTERColour CDM-Tm Mini 35W/930 PGJ5 1CT/12

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

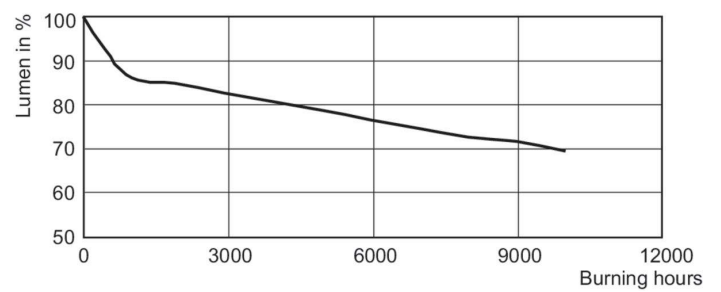
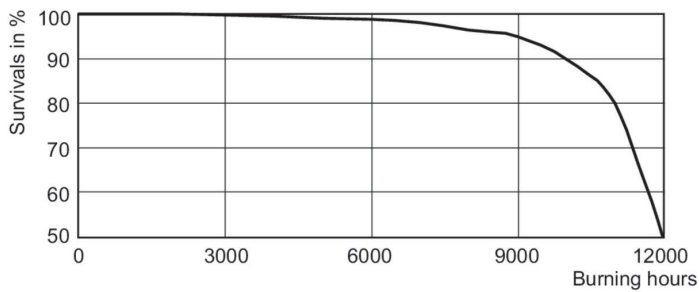
MASTERCoulour CDM-Tm Mini PGJ5

Photometric data



LDPO_CDM-Tm_830_930_PGJ5-Spectral power distribution Colour

Lifetime



LDLE_CDM-Tm_35W_930_PGJ5-Life expectancy diagram

LDLM_CDM-Tm_35W_930_PGJ5-Lumen maintenance diagram

