PHILIPS

MasterColor CDM-TM

D_CDM-TM



We're thinking small, so you can think big

Introducing the smallest 20W ceramic metal halide lamp together with the unique e-Vision® electronic ballast. It's visually pleasing and financially rewarding, so the focus can be on your merchandise and not the ceiling clutter.

Benefits

- Miniaturization means smaller fixtures, less ceiling clutter and more focus on the merchandise.
- Positioning accuracy within the reflector for optimal reflector performance.
- Lamp, electronic ballast and twist & lock lamp base are developed as a system, and designed for easy installation and relamping.

Applications

- Ideal for accent and display lighting, in specialty retail and architectural outdoor applications.

Features

- Energy efficient system operation reduces operating costs.
- Excellent color quality of up to 90 CRI, 3000K.
- Lamp is up to 40% smaller than industry standard.

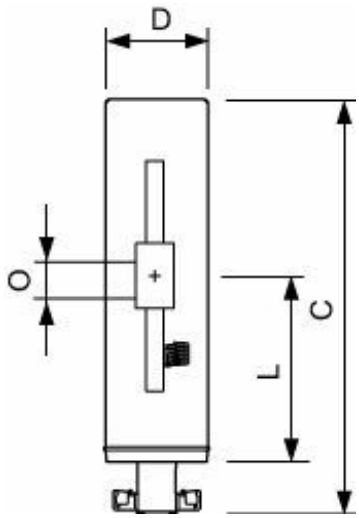
- Lamp, electronic ballast and twist & lock lamp base are developed as a system.
- Available in 20 and 35 Watt.
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Versions



LPPR CDM-Tm 0001

Dimensional drawing



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
CDM 35/TM/930	13.2 mm	0.44 inch	4 mm	22.3 mm	22.9 mm	22.6 mm	52 mm
CDM20/TM/830 12PK	13.2 mm	0.44 inch	3 mm	22.3 mm	22.9 mm	22.6 mm	52 mm
MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12	13.2 mm	0.44 inch	3 mm	22.3 mm	22.9 mm	22.6 mm	52 mm

General Information

Cap-Base	PGJ5
Operating Position	UNIVERSAL [Any or Universal (U)]

Light Technical

Luminous Flux	1,600 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T13.3

Approval and Application

Mercury (Hg) Content (Max)	2.4 mg

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928087905115	CDM20/TM/830 12PK	0.433	0.392	72 lm/W	87
928087905130	MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12	0.434	0.398	72 lm/W	87
928093905115	CDM 35/TM/930	0.436	0.396	77 lm/W	91

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928087905115	CDM20/TM/830 12PK	22.1 W	100 V
928087905130	MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12	22.1 W	100 V
928093905115	CDM 35/TM/930	39.1 W	96 V

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Energy Consumption kWh/1000 h
928087905115	CDM20/TM/830 12PK	2.4 mg	24 kWh
928087905130	MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12	2.4 mg	23 kWh
928093905115	CDM 35/TM/930	2.74 mg	43 kWh

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