



# We're thinking small, so you can think big

## MasterColor CDM-TM

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.

### 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.

### Application

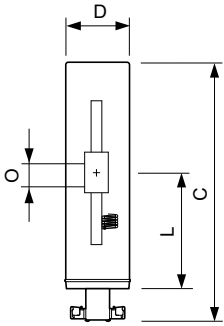
- Ideal for accent and display lighting, in specialty retail and architectural outdoor applications.

### Warnings and Safety

- 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)

# MasterColor CDM-TM

## 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
Light Technical	
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

## Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
928087905115	CDM20/TM/830 12PK	0.433	0.392	87	72 lm/W	-
928087905130	MASTERC CDM-Tm Mini 20W/830 PGJ5 1CT/12	0.434	0.398	87	72 lm/W	1,600 lumen
928093905115	CDM 35/TM/930	0.436	0.396	91	77 lm/W	-

## Operating and Electrical

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

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928093905115	CDM 35/TM/930	96 V	39.1 W

## Approval and Application

# MasterColor CDM-TM

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

