



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

Features

Application

Warnings and Safety

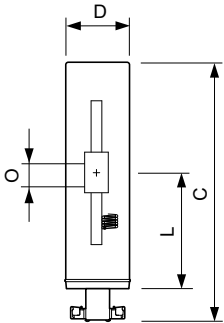
Versions



MASTERColour CDM-Tm 35W /930 PGJ5

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 in	4 mm	22.3 mm	22.9 mm	22.6 mm	52 mm
MASTERColour CDM-Tm Mini 20W/830	13.2 mm	0.44 in	3 mm	22.3 mm	22.9 mm	22.6 mm	52 mm
PGJ5 1CT/12							
CDM20/TM/830 12PK	13.2 mm	0.44 in	3 mm	22.3 mm	22.9 mm	22.6 mm	52 mm

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	
Color Designation	Warm White (WW)
Correlated Color 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/1000 h	Mercury (Hg) Content (Nom)
928087905115	CDM20/TM/830 12PK	24 kWh	2.4 mg
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	24 kWh	2.4 mg
928093905115	CDM 35/TM/930	43 kWh	2.74 mg

Operating and Electrical

Order Code	Full Product Name	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)
928087905115	CDM20/TM/830 12PK	108 V	95 V	100 V	22.1 W
928087905130	MASTERColour 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)
928093905115	CDM 35/TM/930	104 V	88 V	96 V	39.1 W

Luminaire Design Requirements

MasterColor CDM-TM

Order Code	Full Product Name	Bulb Temperature (Max)
928087905115	CDM20/TM/830 12PK	380 °C
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	380 °C

Order Code	Full Product Name	Bulb Temperature (Max)
928093905115	CDM 35/TM/930	480 °C

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity	Chromaticity	Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Code	Rendering Index (Min)
928087905115	CDM20/TM/830 12PK	0.433	0.392	830	84
928087905130	MASTERColour CDM-Tm Mini	0.433	0.392	830	84

Order Code	Full Product Name	Chromaticity	Chromaticity	Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Code	Rendering Index (Min)
	20W/830 PGJ5 1CT/12				
928093905115	CDM 35/TM/930	0.436	0.396	930	88

Light Technical (2/2)

Order Code	Full Product Name	Color Rendering	Lumen Maintenance	Lumen Maintenance	Lumen Maintenance	Luminous Efficacy	Luminous Flux
		Index (Nom)	1000 h (Nom)	2000 h (Nom)	5000 h (Nom)	(rated) (Nom)	(Rated) (Nom)
928087905115	CDM20/TM/830 12PK	87	80 %	75 %	65 %	75 lm/W	1650 lm
928087905130	MASTERColour CDM-Tm Mini 20W/830 PGJ5 1CT/12	87	80 %	75 %	65 %	75 lm/W	1650 lm
928093905115	CDM 35/TM/930	91	85 %	80 %	70 %	77 lm/W	3000 lm

