

# Powerfull punch in a small package

## MasterColor CDM-Tm Elite Mini GU6.5

The Mini MasterColor CDM-Tm is ideal for smaller luminaires, perfect for a minimalist design. The Mini MasterColor lamp and ballast system lasts longer than standard halogen PAR38 lamps and consumes less energy. The 'system' includes the MiniMasterColor 3000K lamp, the eVision electronic ballast and a twist & lock lamp base. This system design is ideal for accent and display lighting in specialty retail and architectural outdoor applications.

### Benefits

- Energy-efficient system operation reduces operating costs.
- Miniature size means less clutter in the ceiling and more focus on the merchandise.
- Twist and lock lamp base for easy installation and relamping.

### Features

- Lamp is up to 40% smaller than industry standard 90W halogen PAR38 lamps.
- Positioning accuracy within the reflector for optimal reflector performance.
- Excellent color quality of up to 90CRI, 3000K.
- Available in 22W and 39W versions.

### Application

- Ideal for display and accent lighting in retail, architectural 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)

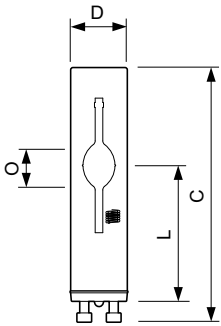
# MasterColor CDM-Tm Elite Mini GU6.5

## Versions



MASTERColour CDM-Tm /830, /  
930, /942 GU6.5

## Dimensional drawing



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	13.3 mm	0.5 in	3.4 mm	28 mm	32 mm	30 mm	56.7 mm
MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	13.3 mm	0.5 in	4.7 mm	28 mm	32 mm	30 mm	56.7 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 GU6.5  
 Life To 10% Failures (Nom) 14000 h  
 Life To 20% Failures (Nom) 16000 h  
 Life To 50% Failures (Nom) 20000 h  
 Life To 5% Failures (Nom) 12000 h  
 Operating Position UNIVERSAL

### Light Technical

Chromaticity Coordinate Y (Nom) 0.396  
 Color Designation Warm White (WW)  
 Correlated Color Temperature (Nom) 3000 K

### Mechanical and Housing

Bulb Finish Clear

### Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ Mercury (Hg)	
		1000 h	Content (Nom)
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	22 kWh	3.5 mg
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	43 kWh	4.7 mg

# MasterColor CDM-Tm Elite Mini GU6.5

## Operating and Electrical

Order Code	Full Product Name	Voltage			Power
		(Max)	(Min)	(Nom)	(Rated)
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	100 V	90 V	95 V	20.0 W
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	95 V	79 V	87 V	39.0 W

## Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	380 °C
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	450 °C

## Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Color Rendering	
		Coordinate X (Nom)	Color Code	Color Index (Min)	Color Index (Nom)
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	0.436	830	81	84

Order Code	Full Product Name	Chromaticity		Color Rendering	
		Coordinate X (Nom)	Color Code	Color Index (Min)	Color Index (Nom)
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	0.435	930	87	90

## Light Technical (2/2)

Order Code	Full Product Name	Lumen Maintenance		Lumen Maintenance		Lumen Maintenance		Luminous Efficacy		Luminous Flux	Luminous Flux
		1000 h (Nom)	10000 h (Nom)	12000 h (Nom)	2000 h (Nom)	4000 h (Nom)	5000 h (Nom)	(rated) (Nom)	(Rated) (Min)	(Rated) (Nom)	
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	91 %	78 %	77 %	87 %	84 %	83 %	90 lm/W	1620 lm	1800 lm	
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	95 %	-	80 %	93 %	90 %	-	102 lm/W	3600 lm	4000 lm	

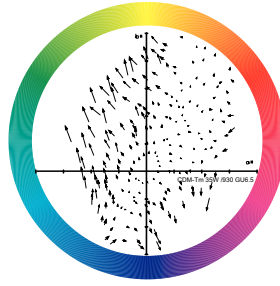
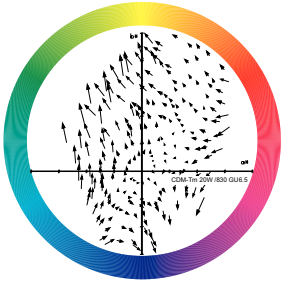
## Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928183505115	MC CDM-Tm Elite Mini 20W/830 GU6.5 1CT	T-4

Order Code	Full Product Name	Bulb Shape
928187405115	MASTERColor CDM-Tm Elite Mini 35W/930 GU6.5	T13.3

# MasterColor CDM-Tm Elite Mini GU6.5

## Color Rendering Diagrams



LDCR\_CDM-Tm\_35W\_930\_GU65-Colour rendering diagram

