



# MasterColor CDM-TM

## CDM 35/TM/930

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.

### 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)

### Product data

| General Information             |                        | Operating and Electrical           |         |
|---------------------------------|------------------------|------------------------------------|---------|
| Cap-Base                        | PGJ5 [ PGJ5]           | Chromaticity Coordinate Y (Nom)    | 0.396   |
| Operating Position              | UNIVERSAL [ Universal] | Correlated Color Temperature (Nom) | 3000 K  |
| Life to 5% Failures (Nom)       | 9000 h                 | Luminous Efficacy (rated) (Nom)    | 77 lm/W |
| Life To 10% Failures (Nom)      | 10000 h                | Color Rendering Index (Min)        | 88      |
| Life to 20% Failures (Nom)      | 11000 h                | Color Rendering Index (Nom)        | 91      |
| Life to 50% Failures (Nom)      | 12000 h                |                                    |         |
| Light Technical                 |                        | Operating and Electrical           |         |
| Color Code                      | 930 [ CCT of 3000K]    | Power (Rated) (Nom)                | 39.1 W  |
| Luminous Flux (Rated) (Nom)     | 3000 lm                | Lamp Current Run-Up (Max)          | 0.7 A   |
| Color Designation               | Warm White (WW)        | Re-Ignition Time (Min) (Max)       | 15 min  |
| Lumen Maintenance 1000 h (Nom)  | 85 %                   | Ignition Time (Max)                | 30 s    |
| Lumen Maintenance 10000 h (Nom) | 60 %                   | Voltage (Max)                      | 104 V   |
| Lumen Maintenance 2000 h (Nom)  | 80 %                   | Voltage (Min)                      | 88 V    |
| Lumen Maintenance 5000 h (Nom)  | 70 %                   | Voltage (Nom)                      | 96 V    |
| Chromaticity Coordinate X (Nom) | 0.436                  |                                    |         |
|                                 |                        | Controls and Dimming               |         |
|                                 |                        | Dimmable                           | No      |

# MasterColor CDM-TM

|                       |       |
|-----------------------|-------|
| Run-Up Time 90% (Max) | 3 min |
|-----------------------|-------|

## Mechanical and Housing

|             |       |
|-------------|-------|
| Bulb Finish | Clear |
| Bulb Shape  | T13.3 |

## Approval and Application

|                               |         |
|-------------------------------|---------|
| Mercury (Hg) Content (Nom)    | 2.74 mg |
| Energy Consumption kWh/1000 h | 43 kWh  |

## UV

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

## Luminaire Design Requirements

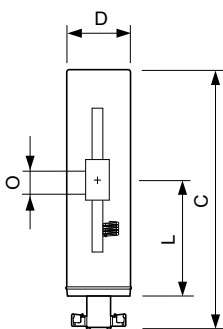
|                        |        |
|------------------------|--------|
| Bulb Temperature (Max) | 480 °C |
|------------------------|--------|

|                            |        |
|----------------------------|--------|
| Cap-Base Temperature (Max) | 250 °C |
|----------------------------|--------|

## Product Data

|                                 |                               |
|---------------------------------|-------------------------------|
| Order product name              | CDM 35/TM/930                 |
| EAN/UPC - Product               | 046677211394                  |
| Order code                      | 928093905115                  |
| Numerator - Quantity Per Pack   | 1                             |
| Numerator - Packs per outer box | 12                            |
| Material Nr. (12NC)             | 928093905115                  |
| Net Weight (Piece)              | 0.006 kg                      |
| ILCOS Code                      | MT/UB-35/930-H/L-PGJ5-13.3/52 |

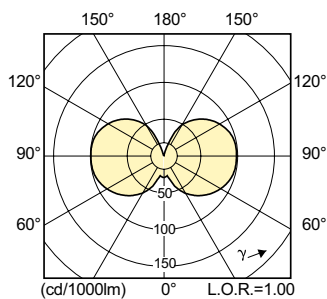
## Dimensional drawing



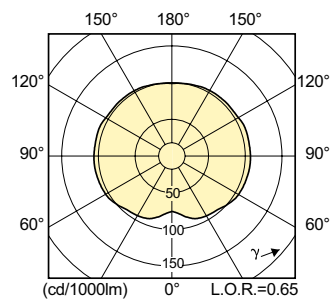
CDM-Tm 35W/930 PGJ5

| 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   |

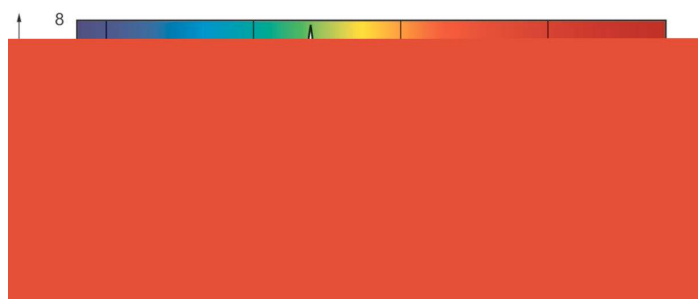
## Photometric data



CDM-Tm 35W /930 PGJ5



MASTERColour CDM-Tm Mini /830 & /930



# MasterColor CDM-TM

## Lifetime



CDM-Tm Elite 35W Life Expectancy /930 PGJ5

CDM-Tm Elite 35W Lumen Maintenance /930 PGJ5

