



## Ceramic Discharge Metal Halide

### Energy Efficient

- Up to five times more efficient than halogen lamps
- Improved lumen maintenance
- High efficacy, up to 95 lumens per watt

### Technical Data

- 20 to 150 watts
- 3000K and 4200K
- Faster warm-up and restrike time
- Excellent color rendering compared to standard Metal Halide
- Up to 12,000 Hours Average Rated Life

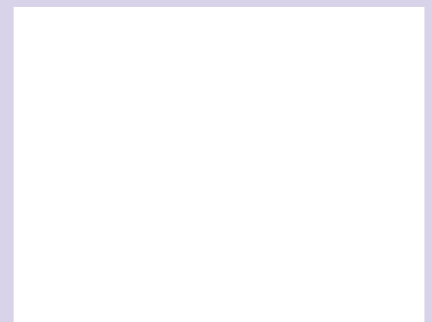
### Benefits

- Unaffected by ambient temperature, suitable for indoor and outdoor use
- Better light quality and more efficient than Quartz Metal Halide
- Consistent lamp-to-lamp color
- Cooler beam than halogen

**Improved color rendering compared to Quartz Metal Halide.**

### Applications

- Retail
- Display
- Hospitality



# Ceramic Metal Halide

Catalog Number: \_\_\_\_\_ Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Comments: \_\_\_\_\_ Date: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_

HIGH INTENSITY DISCHARGE

| Bulb Type           | Watts | Base  | Product # | Product Code           | Description  | Pkg Qty | ANSI Ballast Type       | Fixture Type | Initial Lumens | Mean Lumens | CBCP   | Avg Rated Life | Color Temp | CRI | Beam Spread | Operating Position | MOL (Inches) |  |
|---------------------|-------|-------|-----------|------------------------|--------------|---------|-------------------------|--------------|----------------|-------------|--------|----------------|------------|-----|-------------|--------------------|--------------|--|
| <b>T4</b>           |       |       |           |                        |              |         |                         |              |                |             |        |                |            |     |             |                    |              |  |
|                     | 20    | GU6.5 | 67010     | CDM20/TC/830/GU6.5     | Clear        | 1/12    | C156/E                  | E            | 1750           | 1250        | -      | 12000          | 3000       | 85+ | -           | Universal          | 2.44"        |  |
|                     | 20    | G8.5  | 67012     | CDM20/TC/830           | Clear        | 1/12    | C156/E                  | E            | 1750           | 1250        | -      | 10000          | 3000       | 85+ | -           | Universal          | 3.35"        |  |
|                     | 39    | GU6.5 | 67011     | CDM35/TC/830/GU6.5     | Clear        | 1/12    | C130-M130               | E            | 3100           | 2100        | -      | 12000          | 3000       | 80+ | -           | Universal          | 2.44"        |  |
|                     | 39    | G8.5  | 67006     | CDM35/TC/830           | Clear        | 1/12    | C130-M130               | E            | 3300           | 2200        | -      | 12000          | 3000       | 80+ | -           | Universal          | 3.35"        |  |
|                     | 70    | G8.5  | 67007     | CDM70/TC/830           | Clear        | 1/12    | C98-M98-C139-M139       | E            | 6700           | 5100        | -      | 12000          | 3000       | 85+ | -           | Universal          | 3.35"        |  |
| <b>T6</b>           |       |       |           |                        |              |         |                         |              |                |             |        |                |            |     |             |                    |              |  |
|                     | 20    | G12   | 67013     | CDM20/T6/830           | Clear        | 1/12    | C156/E                  | E            | 1750           | 1200        | -      | 12000          | 3000       | 85+ | -           | Universal          | 3.98"        |  |
|                     | 39    | G12   | 67002     | CDM35/T6/830           | Clear        | 1/12    | C130-M130               | E            | 3400           | 2400        | -      | 12000          | 3000       | 80+ | -           | Universal          | 3.94"        |  |
|                     | 70    | G12   | 67004     | CDM70/T6/830           | Clear        | 1/12    | C98-M98-C139-M139       | E            | 6700           | 5600        | -      | 12000          | 3000       | 85+ | -           | Universal          | 3.94"        |  |
|                     | 70    | G12   | 67014     | CDM70/T6/942           | Clear        | 1/12    | C98-M98-C139-M139       | E            | 6600           | 5000        | -      | 12000          | 4200       | 90+ | -           | Universal          | 3.94"        |  |
|                     | 150   | G12   | 67005^    | CDM150/T6/830          | Clear        | 1/12    | C102-M102-C142-M142     | E            | 14000          | 11200       | -      | 12000          | 3000       | 85+ | -           | Universal          | 3.94"        |  |
|                     | 150   | G12   | 67015^    | CDM150/T6/942          | Clear        | 1/12    | C102-M102-C142-M142     | E            | 13000          | 10400       | -      | 12000          | 4200       | 93+ | -           | Universal          | 3.94"        |  |
| <b>DOUBLE ENDED</b> |       |       |           |                        |              |         |                         |              |                |             |        |                |            |     |             |                    |              |  |
| T6                  | 39    | Rx7S  | 67016     | CDM35/TD/830           | Clear        | 1/12    | C130-M130               | E            | 3100           | 2350        | -      | 12000          | 3000       | 80+ | -           | Horizontal ± 45°   | 4.69"        |  |
| T6                  | 70    | Rx7S  | 67017     | CDM70/TD/830           | Clear        | 1/12    | M85-C139-M139           | E            | 6500           | 5200        | -      | 12000          | 3000       | 85+ | -           | Horizontal ± 45°   | 4.33"        |  |
| T7                  | 150   | Rx7S  | 67018     | CDM150/TD/830          | Clear        | 1/12    | M81-C102-M102-C142-M142 | E            | 13500          | 10800       | -      | 12000          | 3000       | 85+ | -           | Horizontal ± 45°   | 5.43"        |  |
| <b>MR16</b>         |       |       |           |                        |              |         |                         |              |                |             |        |                |            |     |             |                    |              |  |
|                     | 20    | GX10  | 67020     | CDM20/MR16NFL/830/GX10 | Narrow Flood | 1/60    | C156                    | 0            | 1200           | 780         | 2,900  | 10000          | 3000       | 85+ | 25°         | Universal          | 2.56"        |  |
| <b>PAR LAMPS</b>    |       |       |           |                        |              |         |                         |              |                |             |        |                |            |     |             |                    |              |  |
| PAR20               | 20    | Med.  | 67021     | CDM20/P20/SP/830       | Spot         | 1/24    | C156                    | 0            | 1200           | 780         | 15,000 | 10000          | 3000       | 85+ | 10°         | Universal          | 3.74"        |  |
|                     | 20    | Med.  | 67022     | CDM20/P20/FL/830       | Flood        | 1/24    | C156/0                  | 0            | 1200           | 780         | 3,500  | 10,000         | 3000       | 85+ | 30°         | Universal          | 3.74"        |  |
|                     | 39    | Med.  | 67023     | CDM35/P20/SP/830       | Spot         | 1/24    | C130-M130               | 0            | 2100           | 1500        | 23,000 | 10,000         | 3000       | 80+ | 10°         | Universal          | 3.74"        |  |
|                     | 39    | Med.  | 67000     | CDM35/P20/FL/830       | Flood        | 1/24    | C130-M130               | 0            | 2100           | 1500        | 5,000  | 10,000         | 3000       | 80+ | 30°         | Universal          | 3.74"        |  |
| PAR30L              | 39    | Med.  | 67001     | CDM35/P30L/FL/830      | Flood        | 1/6     | C130-M130               | 0            | 2200           | 1600        | 7,500  | 10,000         | 3000       | 80+ | 30°         | Universal          | 4.88"        |  |
|                     | 70    | Med.  | 67024     | CDM70/P30L/SP/830      | Spot         | 1/6     | C98-M98-C139-M139       | 0            | 4850           | 3400        | 68,000 | 10,000         | 3000       | 85+ | 10°         | Universal          | 4.88"        |  |
|                     | 70    | Med.  | 67003     | CDM70/P30L/FL/830      | Flood        | 1/6     | C98-M98-C139-M139       | 0            | 4850           | 3400        | 13,500 | 10,000         | 3000       | 85+ | 30°         | Universal          | 4.88"        |  |
|                     | 70    | Med.  | 67025     | CDM70/P30L/SP/942      | Spot         | 1/6     | C98-M98-C139-M139       | 0            | 4300           | 3200        | 63,000 | 10,000         | 4200       | 90+ | 10°         | Universal          | 4.88"        |  |
|                     | 70    | Med.  | 67026     | CDM70/P30L/FL/942      | Flood        | 1/6     | C98-M98-C139-M139       | 0            | 4300           | 3200        | 13,000 | 10,000         | 4200       | 90+ | 30°         | Universal          | 4.88"        |  |
| PAR38               | 70    | Med.  | 67027     | CDM70/P38/SP/830       | Spot         | 1/6     | C98-M98-C139-M139       | 0            | 4800           | 3400        | 53,000 | 10,000         | 3000       | 85+ | 15°         | Universal          | 5.64"        |  |
|                     | 70    | Med.  | 67028     | CDM70/P38/FL/830       | Flood        | 1/6     | C98-M98-C139-M139       | 0            | 4800           | 3400        | 20,000 | 10,000         | 3000       | 85+ | 25°         | Universal          | 5.64"        |  |
|                     | 70    | Med.  | 67029     | CDM70/P38/FL/942       | Flood        | 1/6     | C98-M98-C139-M139       | 0            | 4500           | 3200        | 20,000 | 10,000         | 4200       | 90+ | 25°         | Universal          | 5.64"        |  |
| <b>ED17 LAMPS</b>   |       |       |           |                        |              |         |                         |              |                |             |        |                |            |     |             |                    |              |  |
|                     | 70    | Med.  | 67008     | CDM70/U/830/MED        | Clear        | 1/12    | C98-M98-C139-M139       | E            | 6200           | 4400        | -      | 16,000         | 3000       | 85+ | -           | Universal          | 5.64"        |  |
|                     | 150   | Med.  | 67009     | CDM150/U/830/MED       | Clear        | 1/12    | C102-M102-C142-M142     | E            | 14000          | 10000       | -      | 16,000         | 3000       | 85+ | -           | Universal          | 5.31"        |  |

^ THIS LAMP MEETS ANSI SPECIFICATIONS FOR T6 TUBE SIZE AS DEFINED BY ANSI C78.43-2007; NOMINAL DIAMETER FOR THIS ITEM IS 0.75" WITH A MAXIMUM DIAMETER OF 1". HALCO 150W LAMPS HAVE AN OUTER GLASS DIAMETER OF 0.87" TO INCREASE ARCTUBE RELIABILITY. PLEASE ENSURE FIXTURE DIMENSIONS PRIOR TO ORDERING.

**(Hg)** Hg-LAMP CONTAINS MERCURY, MANAGE IN ACCORD WITH DISPOSAL LAWS.  
 Visit [www.lamprecycle.org](http://www.lamprecycle.org) for disposal information for your state or local government.

**Note:** The lifetime and performance are based on use with an appropriate electronic ballast.

**WARNING:** This lamp can cause serious skin burn and eye inflammation from shortwave 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. 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.