

CERAMIC METAL HALIDE LAMPS

T, TS, TT, PAR, R TYPES

35W, 50W, 70W, 150W and 250W



Features:

Ceramic metal halide lamps meet today's color critical application needs. Their ceramic arc tube design delivers long life, high efficiency and superior color rendering and consistency. Available in a variety of T, TS, TT, PAR and R types, they feature spherical ceramic arc tube technology, and they are highly suited for color critical applications, such as retail merchandising.



Naturally Better, Naturally Safer

www.lealite.com

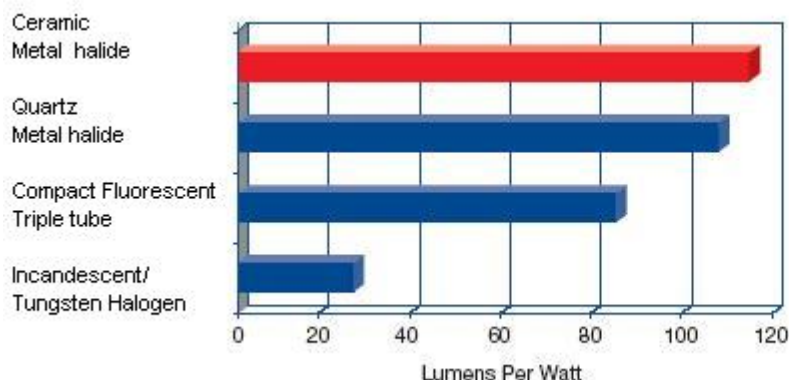
Application areas:

- Specify in new installations
Achieve very high efficiency with standard bases and flexible ballast choices.
- Replace HPS or Mercury applications.
Dimmable CDM will achieve lowest cost and most efficient white lights.
Lower Watt CDM will maintain white light at similar lumen and save the most energy.
- Choose to direct retrofit HPS
Benefits include white light and lower energy at similar lumen output for same wattage.

The range:

| Type | Watts (W) | Bulb/Base | Color Temp. | Std. Pkg. | M.O.L. (mm) | L.C. L. (mm) | Lamp | | App. Initial Lumen s(lm) | Rated Av. Life(hrs) |
|---------------|-----------|-------------|--------------|-----------|-------------|--------------|-------------|-------------|--------------------------|---------------------|
| | | | | | | | Voltage (V) | Current (A) | | |
| CDM70-TT-830 | 70 | T38/ E27 | 3000K | 25 | 156 | 102 | 85 | 0.98 | 6600 | 12000 |
| CDM70-TT-942 | 70 | T38/ E27 | 4200K | 25 | 156 | 102 | 85 | 0.98 | 6400 | 12000 |
| CDM100-TT-830 | 100 | T38/ E27 | 3000K | 25 | 156 | 102 | 95 | 1.20 | 9200 | 12000 |
| CDM100-TT-942 | 100 | T38/ E27 | 4200K | 25 | 156 | 102 | 95 | 1.20 | 9000 | 12000 |
| CDM150-TT-830 | 150 | T46/ E40 | 3000K | 25 | 211 | 132 | 90 | 1.80 | 13500 | 12000 |
| CDM150-TT-942 | 150 | T46/ E40 | 4200K | 25 | 211 | 132 | 90 | 1.80 | 13200 | 12000 |
| CDM250-TT-830 | 250 | T46/ E40 | 3000K | 25 | 275 | 132 | 90 | 2.15 | 23500 | 12000 |
| CDM250-TT-942 | 250 | T46/ E40 | 4200K | 25 | 275 | 132 | 90 | 2.15 | 22000 | 12000 |
| CDM70-TS-830 | 70 | T20/ Rx7S | 3000K | 100 | 118 | 57 | 85 | 0.98 | 6600 | 12000 |
| CDM70-TS-942 | 70 | T20/ Rx7S | 4200K | 100 | 118 | 57 | 85 | 0.98 | 6400 | 12000 |
| CDM100-TS-830 | 100 | T20/ Rx7S | 3000K | 100 | 118 | 57 | 95 | 1.20 | 9200 | 12000 |
| CDM100-TS-942 | 100 | T20/ Rx7S | 4200K | 100 | 118 | 57 | 95 | 1.20 | 9000 | 12000 |
| CDM150-TS-830 | 150 | T23/ Rx7S | 3000K | 100 | 136 | 66 | 90 | 1.80 | 13500 | 12000 |
| CDM150-TS-942 | 150 | T23/ Rx7S | 4200K | 100 | 136 | 66 | 90 | 1.80 | 13200 | 12000 |
| CDM70-T-830 | 70 | T20/ G12 | 3000K | 100 | 100 | 56 | 85 | 0.98 | 6600 | 12000 |
| CDM70-T-942 | 70 | T20/ G12 | 4200K | 100 | 100 | 56 | 85 | 0.98 | 6400 | 12000 |
| CDM100-T-830 | 100 | T20/ G12 | 3000K | 100 | 105 | 58 | 95 | 1.20 | 9200 | 12000 |
| CDM100-T-942 | 100 | T20/ G12 | 4200K | 100 | 105 | 58 | 95 | 1.20 | 9000 | 12000 |
| CDM150-T-830 | 150 | T23/ G12 | 3000K | 100 | 105 | 58 | 90 | 1.80 | 13500 | 12000 |
| CDM150-T-942 | 150 | T23/ G12 | 4200K | 100 | 105 | 58 | 90 | 1.80 | 13200 | 12000 |
| CDM-R 35W | 35W | PAR20/ E27 | 3000K/ 4200K | 72 | 95 | 65 | 90 | 0.53 | 2000 | 9000 |
| CDM-R 35W | 35W | PAR30 / E27 | 3000K/ 4200K | 72 | 124 | 97 | 90 | 0.53 | 2000 | 9000 |
| CDM-R 70W | 70W | PAR30/ E27 | 3000K/ 4200K | 72 | 124 | 97 | 90 | 0.98 | 6600 | 10000 |
| CDM-R 150W | 150W | PAR38/ E27 | 3000K/ 4200K | 72 | 141 | 122 | 95 | 1.80 | 13200 | 10000 |

The advantage:



Select the right light for your application. High Intensity Discharge (HID) lighting is one of the most energy efficient and long lasting sources of light.

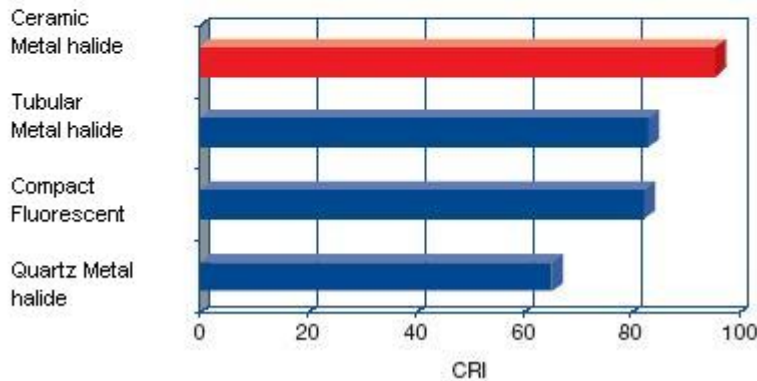
Naturally

Better,

Naturally

Safer

...Better color rendering than many other light sources



CDM in outdoor lighting

CDM outdoor lighting offers the best of both worlds. Bright, white, natural light and low costs for both running and maintenance. With CDM lighting, streets and other public spaces can feel safer for pedestrians. More than that, they can actually perform more safely. Their daylight color rendering improves the ability of drivers to recognize shapes and colors, especially in peripheral vision. It promotes quicker driver response times, too. * CDM lighting delivers competitive levels of light, of higher quality with lower energy consumption. It combines the efficiency of HPS with the whiteness of metal halide, while delivering a broader spectrum than mercury.

As well as natural light with reduced running costs, the combination of CDM technology with a suitable electronic ballast ensures excellent and sustained rates of durability, while the compact nature of the light sources enables designers to ensure consistent light distribution in any application.

* Compared with "yellow" or "orange" lighting.

Guarantee:

For operation of specific CDM in a system with [LEALITE](#) control gear, [LEALITE](#) offers a guarantee of one year for the lamp and five years for the control gear.

Warning:

This lamp can cause serious skin burn and eye inflammation from shortwave Ultraviolet radiation if the 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 extinguish when the outer envelope is broken or punctured are commercially available.