



## MasterColor CDM 100W/940 Med PAR38 SP CL 1 CT

### Product family description

Range of high-efficiency, ceramic metal halide reflector lamps with a stable color over lifetime and a crisp, sparkling light.

### Features/Benefits

- Excellent color rendering.
- Superior color stability over life within  $\pm$  200K.
- Lamp to lamp color consistency over life.
- Warm (3K) or fresh white (4K) color impression.
- High lamp efficacy (up to 93 lumens per watt) for energy saving and low heat.
- Universal operating position, suitable for open fixtures.
- High beam intensities from unique reflector design.
- FadeBlock for reduced fading risks.
- No shut off required in 24-hour-a-day/7-day-a-week operations (relamp fixtures at or before the end of rated life).
- Long lamp life compared to incandescent and halogen lamps.
- 12,500 hours lamp life.

### Applications

- Ideal for retail accent and display lighting; architectural lighting.

### Notes

- Requires a ballast specified or approved for Philips Metal Halide lamp or one designed to the indicated ANSI Standard. A pulse ignitor is required. Sockets and wiring must withstand starting pulse. (391)
- Supply volts must be  $\pm$  5% of rated ballast line volts for reactor type and  $\pm$  10% for CWA or electronic ballasts. (392)
- UV filtered design (FadeBlock™). (396)
- This product utilizes ALTO® Lamp Technology. ALTO products pass the US EPA's Toxicity Characteristic Leaching Procedure (TCLP) for non-hazardous waste status. (399)
- MasterColor® Metal Halide Lamps are not recommended for use on dimmers and are not warranted if used on dimmer systems. (401)
- Rated average life is the life obtained, on the average, from large representative groups of lamps in laboratory tests under controlled conditions at 10 or more operating hours per start. It is based on survival of at least 50% of the lamps and allows for individual lamps or groups of lamps to vary considerably from the average. For lamps with a rated average life of 24,000 hours, life is based on survival of 67% of the lamps. (351)
- Approximate lumen values listed are for vertical operation of the lamp. (352)