



MasterColor CDM 100W/ 830 Med ED I7P CL ALTO +FB

Product family description

Range of protected, high-efficiency long life ceramic metal halide lamps with a stable color over lifetime and a crisp, sparkling light to be used in open fixtures.

Features

- Excellent Color Rendering.
- Superior Color Stability Over Life.
- Total Cost of Ownership Benefits.
- FadeBlock–Lamps feature integrated UV blocking medium for reduced fading of fabrics and paintings.
- Available in 50,70,100, and 150 watt with 3000&4000K color temperatures.

Benefits

- Environmentally Responsible TCLP* Compliant ALTO® Lamp Technology.
- High lamp efficacy (up to 95 LPW)
- Energy-efficient alternative to incandescent/halogen.
- * The TCLP is the US EPA's Toxicity Characteristic Leaching Procedure.

Application

- Ideal for general lighting, downlighting, and flood lighting.

Notes

- 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."

PHILIPS

This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

- 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 +/- 5% of rated ballast line volts for reactor type and +/- 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)
- Heat resisting glass bulb.

Product data	
Product Number	233684
Full product name	MasterColor CDM 100W/830 Med ED17P CL ALTO+FB
Ordering Code	MHC100/U/MP/3K ALTO
Pack type	1 Sleeve Open End
Pieces per Sku	1
Skus/Case	12
Pack UPC	046677233686
EAN2US	
Case Bar Code	50046677233681
Successor Product number	
Base	Medium [Single Contact Medium Screw]
Base Information	Brass [Brass Base]
Bulb	ED17P [Protected]
Bulb Material	Hard Glass
Bulb Finish	Clear
Execution	Protected
Operating Position	Universal [Any or Universal (U)]
Packing Type	ISL [1 Sleeve Open End]
Packing Configuration	12



Product data	
RatedAvgLife(See Family Notes)	16000 hr
Feature	ALTO® + FadeBlock™
Ordering Code	MHC100/U/MP/3K ALTO
Pack UPC	046677233686
Case Bar Code	50046677233681
ANSI Code HID	M140/M90/O
Watts	100W
Lamp Voltage	101 V
Mercury (Hg) Content	5.8 mg
Color Code	830 [CCT of 3000K]
Color Rendering Index	85 Ra8
Color Designation	Warm White
Color Temperature	3000 K
Initial Lumens	8600 Lm
Design Mean Lumens	6450 Lm
Light Center Length L	3.438 in
Max Overall Length (MOL) - C	5.438 in
Diameter D	2.125 in
Product Number	233684



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