



MasterColor CDM 50W/940 Med ED17 CL ALTO

Product family description

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

Features/Benefits

- Excellent color rendering.
- Superior color stability over life within +/- 200K.
- Lamp to lamp color consistency over life.
- Higher lumen maintenance than standard metal halide.
- 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.
- 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 quartz metal halide lamps.

Applications

- Ideal for general lighting, downlighting and flood 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 +/- 5% of rated ballast line volts for reactor type and +/- 10% for CWA or electronic ballasts. (392)
- 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 fc (352)
- Means Lumens is the approximate lum average life. (353)
- Heat resisting glass bulb.

PHILIPS

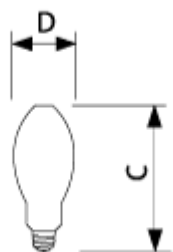
Product data	
Product Number	360230
Full product name	MasterColor CDM 50W/940 Med ED17 CL ALTO
Ordering Code	MHC50/U/M/4K ALTO
Pack type	1 Sleeve Open End
Pieces per Sku	1
Skus/Case	12
Pack UPC	046677360238
EAN2US	
Case Bar Code	50046677360233
Successor Product number	
Base	Medium [Single Contact Medium Screw]
Base Information	Brass [Brass Base]
Bulb	ED17
Bulb Material	Hard Glass
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Packing Type	1SL [1 Sleeve Open End]
Packing Configuration	12
RatedAvgLife(See Family Notes)	20000 hr
Feature	ALTO®
Ordering Code	MHC50/U/M/4K ALTO
Pack UPC	046677360238
Case Bar Code	50046677360233
ANSI Code HID	M148/M110/E
Watts	50W
Lamp Voltage	100 V
Mercury (Hg) Content	5.8 mg
Color Code	940 [CCT of 4000K]
Color Rendering Index	92 Ra8
Color Designation	Deluxe Cool White
Color Temperature	4000 K
Initial Lumens	3750 Lm
Design Mean Lumens	2550 Lm
Light Center Length L	3.438 in
Max Overall Length (MOL) - C	5.438 in
Diameter D	2.125 in
Product Number	360230



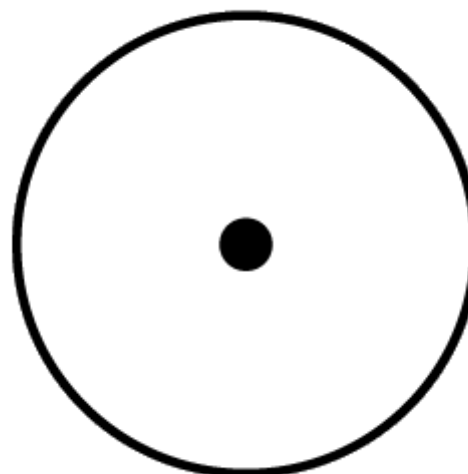
CDM ED17 CL



Base Medium



CDM ED17



Operating Position Universal



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