



# MasterColor CDM ED17 Protected

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Direct retrofit with immediate energy savings!. 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.

### Benefits

- Environmentally ResponsibleTCLP\* CompliantALTO® LampTechnology.
- High lamp efficacy (up to 95 LPW)
- Energy-efficient alternative to incandescent/halogen.
- \* The TCLP is the US EPA's Toxicity Characteristic Leaching Procedure.

### 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.

### Application

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

### Warnings and Safety

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

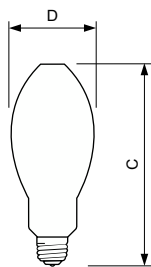
# MasterColor CDM ED17 Protected

## Versions



LPPR D-MHC-P 0015

## Dimensional drawing



Product	D	C (max)
MHC100/U/MP/3K ELITE	2.125 inch	5.438 inch
MHC150/U/MP/3K ALTO 12PK	2.125 inch	5.438 inch
MHC150/U/MP/4K ALTO 12PK	2.125 inch	5.438 inch
MHC50/U/MP/3K ELITE	2.125 inch	5.438 inch
MHC70/U/MP/3K ELITE	2.125 inch	5.438 inch

## Product details



E26, ED-17P, CL, Elite,  
50W-100W /930

General Information	
Cap-Base	E26
Operating Position	UNIVERSAL
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Hard Glass
Bulb Shape	ED17P

## Light Technical

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Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)		
928601171501	MHC150/U/MP/3K ALTO 12PK	0.434	0.392	Warm White (WW)	3000 K	83	77.4 lm/W	86 lm/W
928601171701	MHC150/U/MP/4K ALTO 12PK	0.378	0.366	Deluxe Cool White	4000 K	90	73 lm/W	80 lm/W
928601173701	MHC50/U/MP/3K ELITE	0.435	0.393	Warm White (WW)	3000 K	90	88 lm/W	96 lm/W
928601173801	MHC70/U/MP/3K ELITE	0.370	0.362	Warm White (WW)	2900 K	90	87 lm/W	95 lm/W
928601174001	MHC100/U/MP/3K ELITE	0.434	0.401	Warm White (WW)	3000 K	90	94 lm/W	100 lm/W

Operating and Electrical

Order Code	Full Product Name	Lamp	Voltage (Nom)	Power Consumption
		Current (Nom)		
928601171501	MHC150/U/MP/3K ALTO 12PK	1.8 A	95 V	-
928601171701	MHC150/U/MP/4K ALTO 12PK	1.8 A	95 V	-
928601173701	MHC50/U/MP/3K ELITE	0.59 A	95 V	50.2 W

Order Code	Full Product Name	Lamp	Voltage (Nom)	Power Consumption
		Current (Nom)		
928601173801	MHC70/U/MP/3K ELITE	0.92 A	100 V	70.4 W
928601174001	MHC100/U/MP/3K ELITE	1.1 A	101 V	-

Approval and Application

Order Code	Full Product Name	Mercury (Hg)	Mercury (Hg)
		Content (Max)	Content (Nom)
928601171501	MHC150/U/MP/3K ALTO 12PK	14.85 mg	-
928601171701	MHC150/U/MP/4K ALTO 12PK	-	12.3 mg
928601173701	MHC50/U/MP/3K ELITE	6.6 mg	-

Order Code	Full Product Name	Mercury (Hg)	Mercury (Hg)
		Content (Max)	Content (Nom)
928601173801	MHC70/U/MP/3K ELITE	8 mg	-
928601174001	MHC100/U/MP/3K ELITE	10.1 mg	-

