



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)

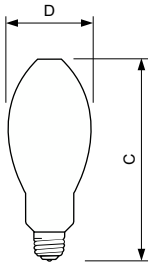
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Versions



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 Coordinate X (Nom) | Chromaticity Coordinate Y (Nom) | Color Designation | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Luminous Efficacy (Rated) (Min) | Luminous Efficacy (rated) (Nom) |
|--------------|--------------------------|---------------------------------|---------------------------------|-------------------|------------------------------------|-----------------------------|---------------------------------|---------------------------------|
| 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 | | |
|--------------|--------------------------|---------------|---------------|-------------------|
| | | Current (Nom) | Voltage (Nom) | Power Consumption |
| 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 | | |
|--------------|----------------------|---------------|---------------|-------------------|
| | | Current (Nom) | Voltage (Nom) | Power Consumption |
| 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 | - |

