

**Parks**  
**Walkways**  
**Areas Where Extra**  
**Vandal Protection is Desired**



### Specifications



- Certifications** The fixture shall be ETL and CETL listed for wet location.
- Light Distribution** The AL-07 luminaire shall meet the specified light distribution and footcandle levels with a refractor lens system and internal lamping.
- Assembly** Field installation shall be accomplished without having to remove or disassemble any fixture components. Fixture shall be ETL listed "suitable for wet locations."
- Housing** The fixture housing shall be constructed as a one piece heavy gauge cast aluminum unit. Heavy gauge spun aluminum top shall be removable to allow access to fixture.
- Ballast** Ballast shall be readily accessible, removable and insulated. The fixture is to be factory pre-wired, completely assembled and electronically tested prior to shipment. Quick disconnects are standard.
- Optical Assembly** The optical assembly shall consist of injection molded acrylic or UV stabilized polycarbonate refractor Type 2, 3 or Type 5. Options vary depending on size of fixture.
- Finish** BK-BZ-WH-GR-GY-NA baked enamel standard, other colors available.
- Mounting Details** AL-07 Series externally slip fits 2 3/8" - 4" O.D. pole top tenons. Luminaire shall be factory pre-wired with high temperature wire, making disassembly for installation unnecessary.

|                     |
|---------------------|
| <b>PROJECT</b>      |
| <b>FIXTURE TYPE</b> |
| <b>CATALOG#</b>     |



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org)

## Product Order Guide

| Series   | Max Watts | Lamp Type        | Voltage | Refractor Lens Type        | Finish              | Options                      |
|----------|-----------|------------------|---------|----------------------------|---------------------|------------------------------|
| AL-07-20 | 175 MH    | E17 <sup>2</sup> | 120     | IIA (Type 2 Acrylic)       | BZ Bronze           | F Fusing                     |
|          | 400 MH    | ED-28            | 208     | IIP (Type 2 Polycarbonate) | BK Black            | FF Double Fusing             |
|          | 400 MH    | ED-37            | 240     | VA (Type 5 Acrylic)        | GR Green            | PCB Photo Control Button     |
|          | 150 HPS   | E17 <sup>2</sup> | 277     | VP (Type 5 Polycarbonate)  | WH White            | PL Polycarbonate Lens Shield |
|          | 400 HPS   | ED-18            | 480     |                            | NA Natural Aluminum | HSS House Side Shield        |
|          | 35/55 LPS | T17              |         |                            | GY Gray             | QS Quartz Standby            |
|          |           |                  |         |                            | CC Custom Color     |                              |
| AL-07-13 | 100 MH    | E17 <sup>2</sup> |         | VP (Type 5 Polycarbonate)  |                     | F Fusing                     |
|          | 150 HPS   | E17 <sup>2</sup> |         | IIP (Type 3 Polycarbonate) |                     | FF Double Fusing             |
|          | 18 LPS    | T17              |         | VA (Type 5 Acrylic)        |                     | PCB Photo Control            |
|          | 42 CFT    | CFT <sup>3</sup> |         | IIIA (Type 3 Acrylic)      |                     | HSS House Side Shield        |

1 Consult factory for other colors and voltages

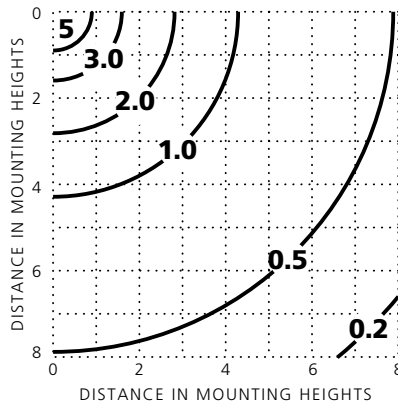
2 Lamps 175 W and below are medium base.

3 CF = single biax, CFQ = double biax, CFT = triple biax

Note: Specify Tenon size to slip fit

## Example: AL-07-20-400MH-ED28-120-IIA-GR-PCB

## Photometric Data



### Conversion Factor

| Mounting Height       | 10' | 12' | 14'  | 16'  | 18'  |
|-----------------------|-----|-----|------|------|------|
| Footcandle Multiplier | 1.4 | 1.0 | 0.73 | 0.56 | 0.44 |

AL-07-250MH-VA  
 Clear Lamp  
 20,500 Lumens  
 12' Mounting Height  
 ISOLUX Curves—value in initial footcandles

## Luminaire Dimensions

| Luminaire | A       | B       | C       | Weight | EPA  |
|-----------|---------|---------|---------|--------|------|
| AL-07-20  | 20-1/2" | 19-1/2" | 17"     | 50#    | 2.38 |
| AL-07-13  | 13-1/2" | 13-1/2" | 11-1/2" | 27#    | 1.26 |

