

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 slipfits 2 3/8" - 4" O.D. pole top tenons. Luminaire shall be factory pre-wired with high temperature wire, making disassembly for installation unnecessary. |

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|---------------------|
| PROJECT |
| FIXTURE TYPE |
| CATALOG# |

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AL-07

Product Order Guide

| Series | Max Watts | Lamp Type | Voltage | Refractor Lens Type | Finish | Options |
|----------|-----------|------------------|---------|----------------------------|---------------------|------------------------------|
| AL-07-20 | 175 MH | E17 ² | 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 ² | 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 ² | | VP (Type 5 Polycarbonate) | | F Fusing |
| | 150 HPS | E17 ² | | IIP (Type 3 Polycarbonate) | | FF Double Fusing |
| | 18 LPS | T17 | | VA (Type 5 Acrylic) | | PCB Photo Control |
| | 42 CFT | CFT ³ | | IIA (Type 3 Acrylic) | | HSS House Side Shield |

1 Consult factory for other colors and voltages

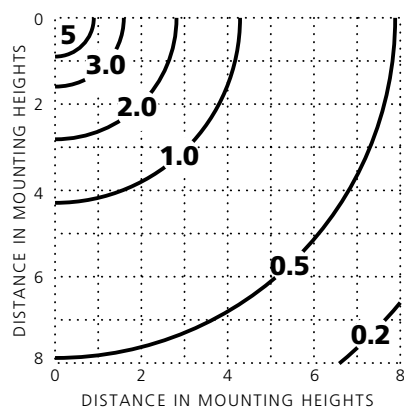
2 Lamps 175 W and below are medium base.

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

Note: Specify Tenon size to slipfit

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 |

