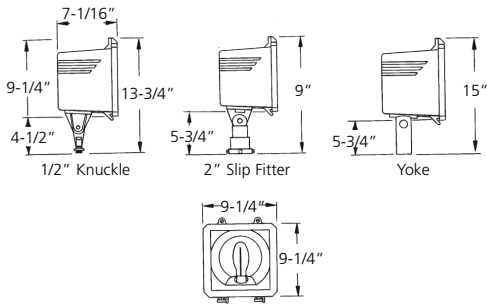


Arc Mite (AM)



Suitable for wet locations
Lamp included

Effective Projected Area
EPA = 0.59 SQ. FT.
WEIGHT = 14-18 lbs



Accessories/Mounting Brackets, see
Accessory Page

Arc Mite Specification

Arc Mite is a compact floodlight ideal for landscape lighting, security and building facade applications. Available in 50 to 150 watt high pressure sodium lamp, or 50 to 175 watt metal halide lamp. Available with 120, 208, 240, 277 volt, or 4MT (120,208, 240,277V) 60Hz ballast. Luminaire shall be completely pre-wired for ease of installation.

Basic Product Description

One piece die cast aluminum lamp and ballast housing and removable die cast lens frame. Arc Mite is finished in all weather bronze polyester powder coating. A 1/2" threaded knuckle or 2" slip fit knuckle, and yoke mounting is available. Porcelain socket, nickel plated screw shell with lamps grips and spring loaded center contact eliminates lamp loosening. All stainless steel hardware.

Ballast Characteristics

Three types of U.L. recognized ballasts are available. Normal Power Factor (NPF), High Power Factor (HPF) in 120 volt only, and High Power Factor High Reactance (HPF-HX) auto-transformer in all voltages. Will start lamps at -20°F (-30°C) for metal halide and -40°F (-40°C) for high pressure sodium. Mercury vapor lamps may be used in watt metal halide fixtures. For availability of 220/240V 50Hz ballasts - consult factory.

Reflector Assembly

The combination of a one piece hydroformed anodized aluminum reflector and a tempered clear glass lens provides a NEMA 3 medium or NEMA 6 wide beam distribution.

Ordering Example

| Unit AM | Wattage 0 | Photometrics 5 | Mounting 1 | Lamp Style LS | Voltage 120 | Ballast Style N |
|------------|--------------|-------------------|--------------------|---------------------------|---------------------------|--------------------|
| Arc Mite | 50 | 3 - Nema 3 | 1 - Yoke Mount | H - Metal Halide | 120 | N - Normal Power |
| | 0 - 70 | 6 - Nema 6 | 4 - 2" Slip Fitter | LS - High Pressure Sodium | 208 | Factor |
| | 1 - 100 | | 5 - 1/2" Knuckle | | 240 | H - High Power |
| | 2 - 150 | | | | 277 | Factor |
| | 3 - 175 | | | | 4MT (120, 208, 240, 277V) | |

Accessories

- PE - Photocell
- V - Visor (top)
- G - Wire Guard
- PL - Vandal Resistant Polycarbonate Shield
- PBL - Parallel Blade Louvre
- GS - Glare Shield
- SIF - Single Inline Fuse (120, 277V)
- DIF - Double Inline Fuse (208, 240, 480V)
- UP - For aiming above horizontal

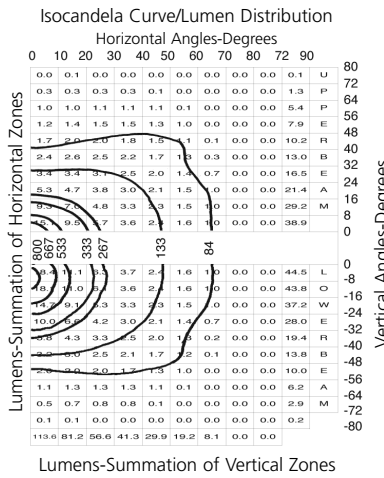
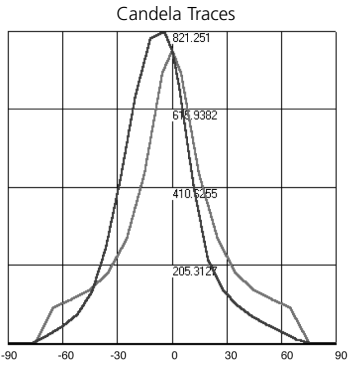
CSA Certification - consult factory.

Note: Only 1 accessory per fixture



Arc Mite (AM)

Photometrics

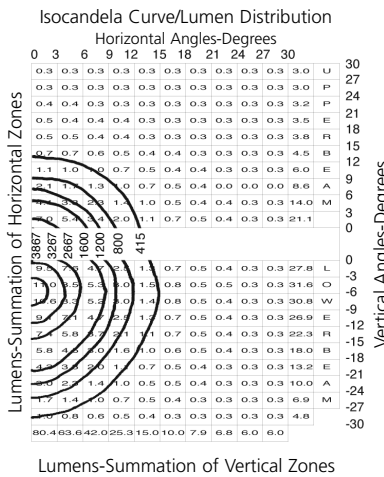
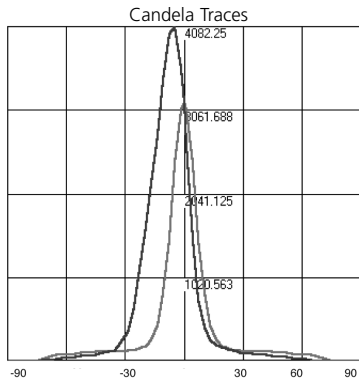


Fixture: AM-264LS
Lamp: 150 Watt High Pressure Sodium

IES Type 7H X 6V
Max Candela 821
Hor Field Angle (10%) 132.1 deg
Ver Field Angle (10%) 99.1 deg
Field Lumens 618.3
Field Efficiency 61.8%
Total Lumens 695
Total Efficiency 69.5%

Candela & Lumen values are based on 1,000 lamp lumens. For other lamp lumen ratings, multiply candela and lumen values by the number: Lumens divided by 1,000.

Per 1,000 Lamp Lumens

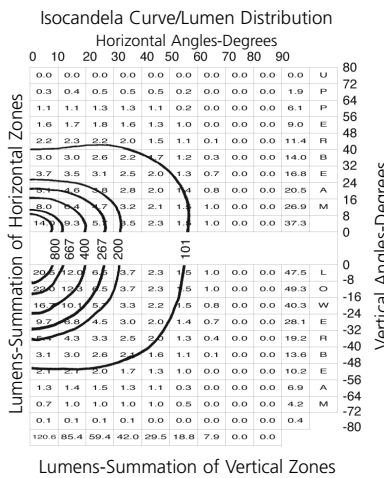
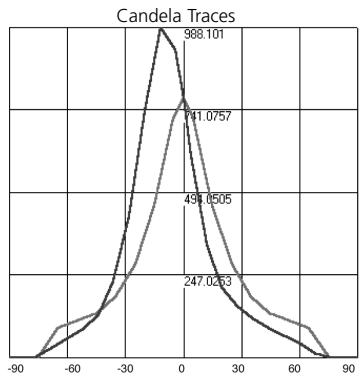


Fixture: AM-334H
Lamp: 175 Watt Clear Metal Halide

IES Type 3H X 3V
Max Candela 4082.0
Hor Field Angle (10%) 30.1 deg
Ver Field Angle (10%) 38.5 deg
Field Lumens 391.7
Field Efficiency 39.2%
Total Lumens 802
Total Efficiency 80.2%

Candela & Lumen values are based on 1,000 lamp lumens. For other lamp lumen ratings, multiply candela and lumen values by the number: Lumens divided by 1,000.

Per 1,000 Lamp Lumens



Fixture: AM-364H
Lamp: 175 Watt Clear Metal Halide

IES Type 6H X 5V
Max Candela 988
Hor Field Angle (10%) 116.8 deg
Ver Field Angle (10%) 91.7 deg
Field Lumens 587.3
Field Efficiency 58.7%
Total Lumens 724
Total Efficiency 72.4%

Candela & Lumen values are based on 1,000 lamp lumens. For other lamp lumen ratings, multiply candela and lumen values by the number: Lumens divided by 1,000.

Per 1,000 Lamp Lumens