## DESCRIPTION
The AXL Series is a group of architectural LED flood/ area luminaires designed to illuminate parking areas, pathways, building facades, loading docks, and a wide variety of other large, general site lighting applications. Yoke and knuckle mount options make the AXL-15 a versatile luminaire for general outdoor flood lighting requirements.

## SPECIFICATIONS
**Construction:**
• Die-cast aluminum housing with durable, dark bronze powder coat finish

• Wireway enclosure is sealed with a water-tight, silicon rubber gasket

**Optics/ LEDs:**
• UV stabilized polycarbonate lens delivers wide symmetrical (Type V) distribution

• Available in 3000K (warm white), 4000K (neutral white) and 5000K (cool white)

• Long-life LEDs provide 69,000 hours of operation with at least 70% of initial lumen output (L70)

• Color rendering index > 80

**Electrical:**
• Universal 120-277VAC, 50/60Hz

• Power factor > 0.90

• Total harmonic distortion < 20%

**Installation:**
• Easy installation in new construction or retrofit applications
• Yoke-mount provides secure attachment to flat surfaces
• Aluminum die-cast knuckle-mount includes 1/2" NPS stem with locking nut for installation on a junction box

**Testing & Compliance:**
• UL listed for Wet locations

• Operating temperatures: -30°C to 40°C (-22°F to 104°F)

• IP65 rated

• Complies with FCC Part 15, Class B

• Complies with EN6100-4-5 surge immunity (1kVA)

**Effective projected areas (EPAs) are:**
• Front = 0.05 square feet
• Side = 0.04 square feet
• Face = 0.12 square feet

**Warranty:**
• 5 year warranty (terms and conditions apply)

**Note:** Environment and application will affect actual performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____
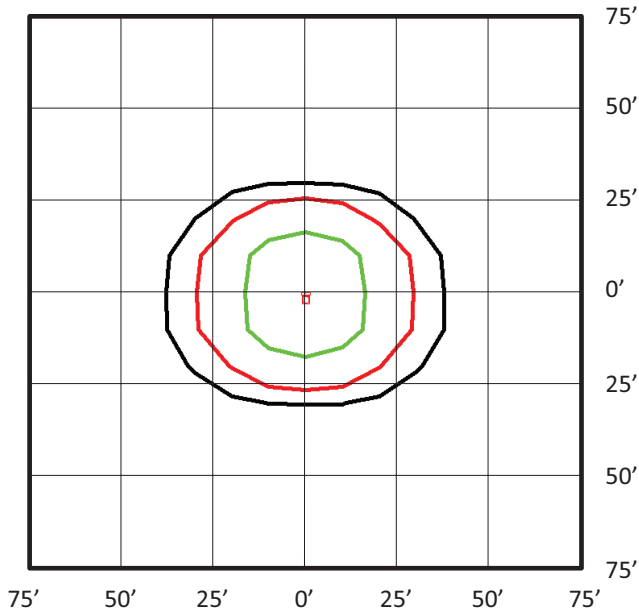
**Yoke-Mount Option**

**Knuckle-Mount Option**

| *Specs At A Glance* | | | |
|---|---|---|---|
| **Wattage (w)** | 15 (nominal) | | |
| **CCT (K)** | 3000K | 4000K | 5000K |
| **Distribution** | Wide | | |
| **Lumens (lm)** | 1,570 | 1,615 | 1,663 |
| **Equivalency** | 150w HID | | |
| **Efficacy (lm/w)** | 103 | 111 | 115 |
| **CRI** | > 80 | | |
| **Input Voltage** | 120 - 277VAC, 50/60Hz | | |
| **Operating Temp** | -30°C to 40°C (-22°F to 104°F) | | |
| **Certifications** | UL listed for wet locations, IP65, FCC Class B | | |
| **Warranty** | 5 Years | | |

**Ordering Information** (Example: AXL-15-W-3K-Y)

| Series | Distribution | Color Temperature (CCT) | Mount |
|---|---|---|---|
| AXL-15 | W = Wide | 3K = 3000 Kelvin | K = Knuckle |
| | | 4K = 4000 Kelvin | Y = Yoke |
| | | 5K = 5000 Kelvin | |

## Sample Photometry

(Example: AXL-15-W-5K-Y)

| | |
|---|---|
| | 75' |
| | 50' |
| | 25' |
| | 0' |
| | 25' |
| | 50' |
| | 75' |

75'    50'    25'    0'    25'    50'    75'

**Foot Candles**

| | |
|---|---|
| —— | 5.0 |
| —— | 2.0 |
| —— | 1.0 |
| —— | 0.5 |
| —— | 0.2 |
| —— | 0.1 |

**Notes**

[1] Isofootcandle plots depict initial footcandles at grade.

[2] Gridlines represent units of mounting height of 25 feet.
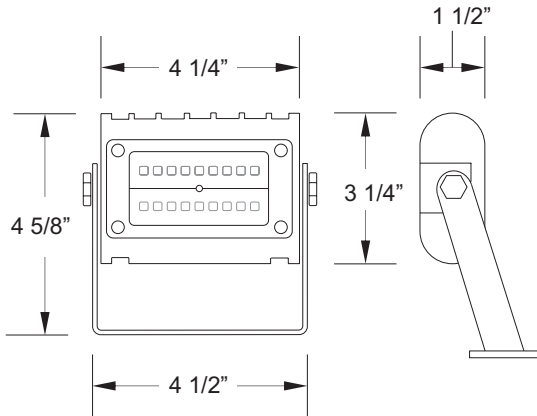
## BUG Rating: B1-U1-G0

| Zone | Lumens | Percentage |
|---|---|---|
| FL = Front - Low (0-30) | 260 | 16% |
| FM = Front - Medium (30-60) | 260 | 16% |
| FH = Front - High (60-80) | 260 | 16% |
| FVH = Front - Very High (80-90) | 260 | 16% |
| **Total Forward Light** | **860** | **52%** |

| Zone | Lumens | Percentage |
|---|---|---|
| BL = Back - Low (0-30) | 253 | 15% |
| BM = Back - Medium (30-60) | 458 | 28% |
| BH = Back - High (60-80) | 86 | 5% |
| BVH = Back - Very High (80-90) | 5 | 0% |
| **Total Back Light** | **802** | **48%** |

| Zone | Lumens | Percentage |
|---|---|---|
| UL = Up Light - Low (90-100) | 0 | 0% |
| UH = Up Light - High (100-180) | 1 | 0% |
| **Total Up Light** | **1** | **0%** |
| | | |
| **Total Lumens** | **1,663** | **100%** |

## Dimensions

4 1/4"

1 1/2"

4 5/8"

3 1/4"

4 1/2"

**Weight:** 1 lb.

**BARRON**
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