

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-30 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 = 0.09 square feet
- Side = 0.07 square feet
- Face = 0.29 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) | 30 (nominal) | | |
| CCT (K) | 3000K | 4000K | 5000K |
| Distribution | Wide | | |
| Lumens (lm) | 3,453 | 3,586 | 3,718 |
| Equivalency | 150w HID | | |
| Efficacy (lm/w) | 117 | 121 | 126 |
| 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 | | |

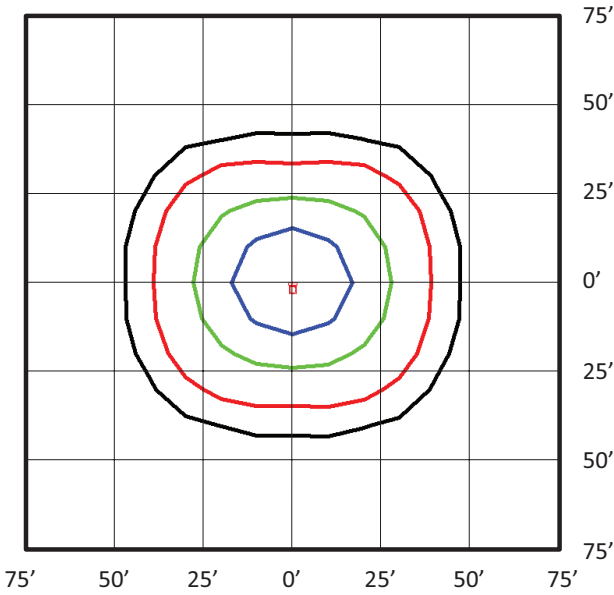
Ordering Information (Example: AXL-30-W-3K-Y)

| Series | Distribution | Color Temperature (CCT) | Mount |
|--------|--------------|-------------------------|-------------|
| AXL-30 | W = Wide | 3K = 3000 Kelvin | K = Knuckle |
| | | 4K = 4000 Kelvin | Y = Yoke |
| | | 5K = 5000 Kelvin | |

Sample Photometry

(Example: AXL-30-W-5K-Y)

BUG Rating: B1-U1-G0



| Zone | Lumens | Percentage |
|---------------------------------|--------------|------------|
| FL = Front - Low (0-30) | 458 | 12% |
| FM = Front - Medium (30-60) | 1,025 | 28% |
| FH = Front - High (60-80) | 326 | 9% |
| FVH = Front - Very High (80-90) | 34 | 1% |
| Total Forward Light | 1,843 | 50% |

| Zone | Lumens | Percentage |
|--------------------------------|--------------|------------|
| BL = Back - Low (0-30) | 466 | 13% |
| BM = Back - Medium (30-60) | 1,041 | 28% |
| BH = Back - High (60-80) | 330 | 9% |
| BVH = Back - Very High (80-90) | 34 | 1% |
| Total Back Light | 1,871 | 50% |

| Zone | Lumens | Percentage |
|--------------------------------|----------|------------|
| UL = Up Light - Low (90-100) | 1 | 0% |
| UH = Up Light - High (100-180) | 4 | 0% |
| Total Up Light | 4 | 0% |

Total Lumens 3,718 100%

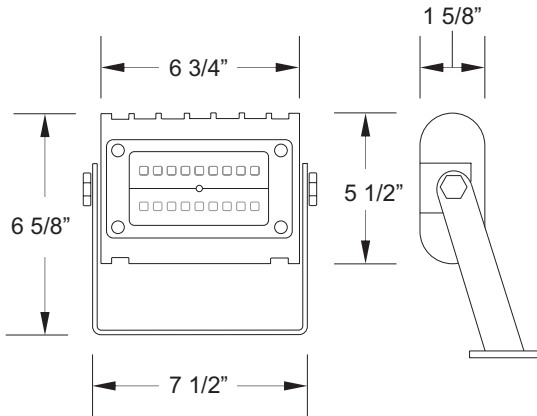
Foot Candles

- 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.

Dimensions



Weight: 2.6 lbs.

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

10810336 10/17