



# AL-ALMP

## Multi-Purpose Area Luminaires

### Kelvin Field Selectable



#### FEATURES

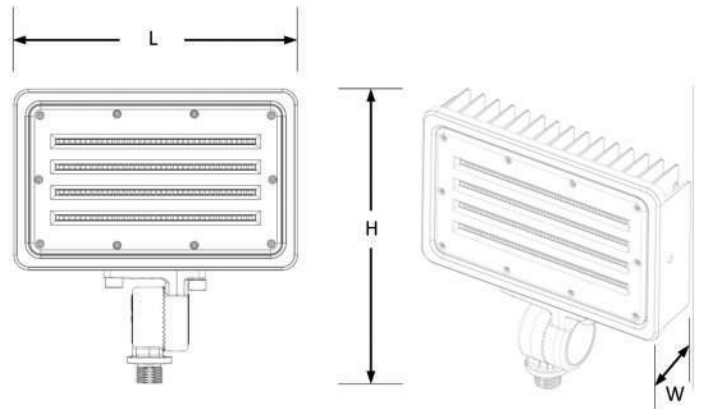
- Field selectable 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures.\*
- Long-life LEDs provide up to 149,000 hours of operation with at least 70% of initial lumen output (L70). \*\*
- Available models provide from 2,000 to 7,200 lumens, and from 125 to 156 lumens per watt (LPW).\*
- Standard optic provides an IES roadway type V distribution, or a 7V (vertical) x 7H (horizontal) NEMA floodlight distribution.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming drivers are standard.
- Power factor > 90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze powder coat finish.
- Polycarbonate lens.
- Wireway enclosure is sealed with a water water-tight, silicon rubber gasket.
- Easy installation in new construction or retrofit applications applications.

#### WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -40 °C to 50°C ( -40 °F to 122°F).
- IP65 rated for ingress protection.
- DLC premium approved.
- Lens is IK 10 rated for protection from external impacts.
- Salt fog tested for 1,000 hours (ASTM B117). After salt fog testing, paint rated at 7 per ASTM D1654-05 scratch test.
- Complies with FCC Part 15, class A A.
- Complies with EN61000-4-5, surge immunity protection (4kV).
- 5-year warranty of all electronics and housing.



#### DIMENSIONS:



| Model | Length (L) | Width (W) | Depth (H) | Weight |
|-------|------------|-----------|-----------|--------|
| 2L    | 4.3"       | 1.7"      | 5.8"      | 1 lbs. |
| 4L    | 8.7"       | 1.9"      | 9"        | 4 lbs. |
| 7L    | 8.7"       | 1.9"      | 9"        | 4 lbs. |

#### MOUNTING OPTIONS & ACCESSORIES

- Standard aluminum die-cast knuckle-mount for junction box installation.
- Yoke-mount option provides secure attachment to flat surfaces, 4L & 7L only, sold separately.
- Line voltage ground stake allows for easy installation for landscape illumination, sold separately.

#### ORDERING INFORMATION

Example: AL-ALMP4-LKFS

| Series  | Nominal Lumen Output |             | Color Temperature |       | Mounting Accessories (Order Separately) |                           |
|---------|----------------------|-------------|-------------------|-------|---|---------------------------|
|         | Qty                  | Output      | Code              | Temp  | Accessory                               | Description               |
| AL-ALMP | 2                    | 2000 lumens | KFS*              | 3500k | ALMP-KFS-YKL                            | Yoke mount, 4L & 7L       |
|         | 4                    | 4000 lumens |                   | 4000k | MPOST17                                 | Line voltage ground stake |
|         | 7                    | 7000 lumens |                   | 5000k |   |                           |



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## ELECTRICAL DATA

| Series       | Measurements      | AL-ALMP-2    |              |              | AL-ALMP-4    |              |              | AL-ALMP-7    |              |              |
|--------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              |                   | 3500K        | 4000K        | 5000K        | 3500K        | 4000K        | 5000K        | 3500K        | 4000K        | 5000K        |
| AL-ALMP-KFS  | Lumens            | 2002         | 2179         | 2085         | 4436         | 4696         | 4526         | 6601         | 7170         | 6884         |
|              | Watts             | 16           | 15           | 16           | 31           | 30           | 31           | 52           | 49           | 51           |
|              | Efficacy          | 125          | 145          | 132          | 142          | 156          | 145          | 126          | 147          | 134          |
|              | Input Current (A) | 120V = 0.13A | 120V = 0.13A | 120V = 0.13A | 120V = 0.26A | 120V = 0.25A | 120V = 0.26A | 120V = 0.43A | 120V = 0.41A | 120V = 0.43A |
| 240V = 0.07A |                   | 240V = 0.06A | 240V = 0.07A | 240V = 0.13A | 240V = 0.13A | 240V = 0.13A | 240V = 0.22A | 240V = 0.20A | 240V = 0.21A |              |
| 277V = 0.06A |                   | 277V = 0.05A | 277V = 0.06A | 277V = 0.11A | 277V = 0.11A | 277V = 0.11A | 277V = 0.19A | 277V = 0.18A | 277V = 0.18A |              |

## EFFECTIVE PROJECTED AREAS (EPA's)

### 2L

Front = 0.17 s.f.  
Side = 0.07 s.f.  
Face = 0.05 s.f.

### 4L & 7L

Front = 0.54 s.f. (knuckle) / 0.44 s.f. (yoke)  
Side = 0.12 s.f. (knuckle) / 0.09 s.f. (yoke)  
Face = 0.11 s.f. (knuckle) / 0.12 s.f. (yoke)

### PHOTOMETRIC DATA

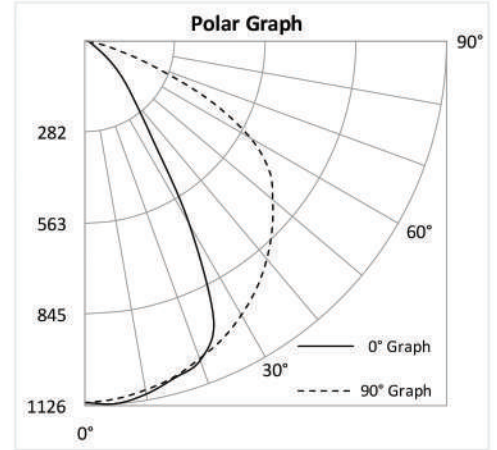
#### AL-ALMP2-KFS

##### Luminaire Data

|                             |                                      |
|-----------------------------|--------------------------------------|
| Description                 | Multi Purpose Area Light<br>2L - KFS |
| Total Lumens                | 2,002                                |
| Input Wattage               | 16                                   |
| Efficacy (lm/W)             | 126                                  |
| Max. Cd.                    | 1131.47 (337.5H, 6V)                 |
| IES Classification          | Type I                               |
| Longitudinal Classification | Very Short                           |

##### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens       | %Lum          |
|--------------|--------------|---------------|
| FL 0-30      | 438          | 21.9%         |
| FM 30-60     | 488          | 24.4%         |
| FH 60-80     | 74           | 3.7%          |
| FVH 80-90    | 3            | 0.2%          |
| BL 0-30      | 434          | 21.7%         |
| BM 30-60     | 491          | 24.5%         |
| BH 60-80     | 71           | 3.6%          |
| BVH 80-90    | 3            | 0.1%          |
| UL 90-100    | 0            | 0.0%          |
| UH 100-180   | 0            | 0.0%          |
| <b>Total</b> | <b>2,002</b> | <b>100.0%</b> |
| BUG Rating   | B1-U0-G0     |               |



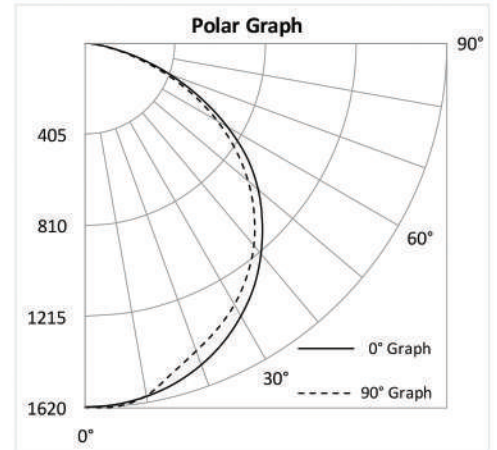
#### AL-ALMP4-KFS

##### Luminaire Data

|                             |                                      |
|-----------------------------|--------------------------------------|
| Description                 | Multi Purpose Area Light<br>4L - KFS |
| Total Lumens                | 4,436                                |
| Input Wattage               | 31                                   |
| Efficacy (lm/W)             | 142                                  |
| Max. Cd.                    | 1625.57 (112.5H, 5V)                 |
| IES Classification          | Type VS                              |
| Longitudinal Classification | Very Short                           |

##### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens       | %Lum         |
|--------------|--------------|--------------|
| FL 0-30      | 625          | 14.1%        |
| FM 30-60     | 1,190        | 26.8%        |
| FH 60-80     | 372          | 8.4%         |
| FVH 80-90    | 16           | 0.4%         |
| BL 0-30      | 629          | 14.2%        |
| BM 30-60     | 1,205        | 27.2%        |
| BH 60-80     | 383          | 8.6%         |
| BVH 80-90    | 16           | 0.4%         |
| UL 90-100    | 0            | 0.0%         |
| UH 100-180   | 0            | 0.0%         |
| <b>Total</b> | <b>4,436</b> | <b>99.9%</b> |
| BUG Rating   | B2-U0-G1     |              |



#### AL-ALMP-7-KFS

##### Luminaire Data

|                             |                                      |
|-----------------------------|--------------------------------------|
| Description                 | Multi Purpose Area Light<br>7L - KFS |
| Total Lumens                | 6,601                                |
| Input Wattage               | 52                                   |
| Efficacy (lm/W)             | 126                                  |
| Max. Cd.                    | 2750.84 (157.5H, 1V)                 |
| IES Classification          | Type VS                              |
| Longitudinal Classification | Very Short                           |

##### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens       | %Lum          |
|--------------|--------------|---------------|
| FL 0-30      | 989          | 15.0%         |
| FM 30-60     | 1,783        | 27.0%         |
| FH 60-80     | 519          | 7.9%          |
| FVH 80-90    | 21           | 0.3%          |
| BL 0-30      | 987          | 15.0%         |
| BM 30-60     | 1,774        | 26.9%         |
| BH 60-80     | 510          | 7.7%          |
| BVH 80-90    | 19           | 0.3%          |
| UL 90-100    | 0            | 0.0%          |
| UH 100-180   | 0            | 0.0%          |
| <b>Total</b> | <b>6,601</b> | <b>100.0%</b> |
| BUG Rating   | B2-U0-G1     |               |

