ALED 150

Replaces 400 Watt MH Area Light!
RAB engineered "specification-grade" optics for the ALED150 that deliver efficient, clean, uniform light distributions at a reasonable cost. The vacuum-metalized specular reflector creates what is known as "repeatable" optics manufacturing, ensuring consistent, reliable distribution. The optics are factory installed and meet IES Lateral Distribution Types II, III and IV.

For assistance in choosing the distribution to match your application, please contact RAB's Lighting Design department by emailing lightingdesign@rabweb.com or calling 888 722-1000.

**Type II**

The Type II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. Meant for lighting larger areas and usually located near the roadside, this type of lighting is commonly found on smaller side streets or jogging paths.

Grid Scale: Multiples of Mounting Height • Values shown in Footcandles

Photometric Report #ITL79617

ALED2T150 Mounted at 25 ft.
**Type III**

The Type III distribution is ideal for roadway, general parking, and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

**Type IV**

The Type IV distribution (also known as a “Forward Throw”) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90 to 270 degrees.
ALED150

- Replaces 400W MH area lights
- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- Type II, III and IV distribution (also available as a wallpack)
- Slipfitter mounting available
- Bi-level operation (optional)
- Various photocell options available
- 5-Year Warranty

Specifications

UL Listing: Suitable for wet locations.
LEDs: Multi-chip, high-output, long-life LEDs
Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations
Driver(s): Class 2, 2000mA, 100 - 277V and 480V, 50/60 Hz, Surge protection 4 kV
Bi-Level Operation (optional): Allows 50% and 100% output modes
Dimming: Available as On/Off or with 0-10V dimming driver (all models except the ALED105 family)
Cold Weather Starting: The minimum starting temperature is -40°C.
Thermal Management: Superior thermal management with external Air-Flow fins
Housing: Die-cast aluminum housing, lens frame and mounting arm
Mounting: Heavy-duty, with “O” ring seal & stainless steel screws
Gaskets: High-temperature silicone gaskets
Color Consistency: 7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color
Color Stability: LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.
Reflector: Specular vacuum-metallized polycarbonate
Finish: Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.
Green Technology: Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.
IESNA LM-79 & LM-80 Testing: RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy “Lighting Facts” label.
California Title 24: ALED150 complies with California Title 24 building and electrical codes.
Dark Sky Approved: The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.
For use on LEED Buildings: IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Performance*

<table>
<thead>
<tr>
<th></th>
<th>Cool Light (5000K)</th>
<th>Neutral Light (4000K)</th>
<th>Warm Light (3000K)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Watts @ 120V</td>
<td>78W 105W 125W 150W</td>
<td>78W 105W 125W 150W</td>
<td>78W 105W 125W 150W</td>
</tr>
<tr>
<td>Output Lumens</td>
<td>7564 10,384 12,805 14,349</td>
<td>6673 8790 10,952 11,786</td>
<td>5968 8461 10,464 11,352</td>
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<tr>
<td>Lumens Per Watt</td>
<td>96 98 94 92</td>
<td>84 83 80 76</td>
<td>75 80 77 74</td>
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<tr>
<td>Color Accuracy (CRI)</td>
<td>67 65 65 65</td>
<td>82 82 82 82</td>
<td>82 81 81 81</td>
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</tbody>
</table>

* Values shown for Type IV. Visit rabweb.com for Type II and III.

Accessories

- Button Photocell
  (not available for slipfitter mount)
- Twistlock Photocell
  (not available for slipfitter mount)
- Swivel Photocell
### Dimensions & Weight

**POLE MOUNT - Weight:** 30 lbs.  EPA: 0.75

![POLE MOUNT Image]

**SLIPFITTER - Weight:** 32 lbs.  EPA: 2.2

![SLIPFITTER Image]

**WALLPACK - Weight:** 34.8 lbs.

![WALLPACK Image]

**WALLPACK (NO ARM) - Weight:** 26 lbs.

![WALLPACK NO ARM Image]

### Ordering Information

<table>
<thead>
<tr>
<th>Product Family</th>
<th>Optics</th>
<th>Wattage</th>
<th>Mounting</th>
<th>Color Temp</th>
<th>Finish Color</th>
<th>Driver Options</th>
<th>Photocell Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ALED</strong></td>
<td>2T</td>
<td>50</td>
<td>Blank</td>
<td>Pole mount SF</td>
<td>Blank, 5000K</td>
<td>/480 480V Bi-Level</td>
<td>/PC 120V*</td>
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<tr>
<td></td>
<td>3T</td>
<td>78</td>
<td>Blank</td>
<td>Slipfitter</td>
<td>Blank, 4000K</td>
<td></td>
<td>/PC2 277V*</td>
</tr>
<tr>
<td></td>
<td>4T</td>
<td>105</td>
<td>Blank</td>
<td>Blank, 5000K</td>
<td>Blank, 3000K</td>
<td>/D10 0 - 10V Dimming</td>
<td>/PCT 120-277V Twistlock*</td>
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<tr>
<td></td>
<td></td>
<td>125</td>
<td>Blank</td>
<td></td>
<td>Blank, Bronze, K</td>
<td>/PC4 480V Twistlock*</td>
<td>/PC7 120V Swivel</td>
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<tr>
<td></td>
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<td>150</td>
<td>Blank</td>
<td></td>
<td>Blank, White, W</td>
<td>/PC5 480V Swivel</td>
<td>/PCS 277V Swivel</td>
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<tr>
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<td>Blank</td>
<td></td>
<td>Blank, White, W</td>
<td>/PC4 480V Swivel</td>
<td>/PCS2 480V Swivel</td>
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<tr>
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<td></td>
<td></td>
<td>Blank</td>
<td></td>
<td>Blank, White, W</td>
<td>/PC4 480V Swivel</td>
<td>/WS2 Multi-level motion sensor (20 ft. mt. ht.)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Blank</td>
<td></td>
<td>Blank, White, W</td>
<td>/PC4 480V Swivel</td>
<td>/WS4 Multi-level motion sensor (40 ft. mt. ht.)</td>
</tr>
</tbody>
</table>

| **WPLED**      | 2T     | 50      | Blank    | Pole mount SF | Blank, 5000K | /480 480V Bi-Level | /PC 120V* |
|                | 3T     | 78      | Blank    | Slipfitter  | Blank, 4000K |                | /PC2 277V* |
|                | 4T     | 105     | Blank    | Blank, 5000K | Blank, 3000K | /D10 0 - 10V Dimming | /PCT 120-277V Twistlock* |
|                |        | 125     | Blank    | Blank, 5000K | Blank, 3000K | /PC4 480V Twistlock* | /PC7 120V Swivel |
|                |        | 150     | Blank    | Blank, 5000K | Blank, 3000K | /PC4 480V Twistlock* | /PCS 277V Swivel |
|                |        |         | Blank    | Blank, 5000K | Blank, 3000K | /PC4 480V Twistlock* | /PCS2 480V Swivel |
|                |        |         | Blank    | Blank, 5000K | Blank, 3000K | /PC4 480V Twistlock* | /WS2 Multi-level motion sensor (20 ft. mt. ht.) |
|                |        |         | Blank    | Blank, 5000K | Blank, 3000K | /PC4 480V Twistlock* | /WS4 Multi-level motion sensor (40 ft. mt. ht.) |

*Only available with 0 - 10V dimming models.

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*Pole mount models only.

Please visit rabweb.com to see which products are DLC listed.