Specification grade area lights available in IES Type IV distribution. Suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. Patent pending management system. 5 Year Warranty. Includes built in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB.

Color: White  
Weight: 32.0 lbs

Driver Info
- Type: Constant Current
- 120V: 0.89A
- 208V: 0.58A
- 240V: 0.50A
- 277V: 0.44A
- Input Watts: 106W
- Efficiency: 99%

LED Info
- Watts: 105W
- Color Temp: 3000K
- Color Accuracy: 81 CRI
- L70 Lifespan: 100000
- Lumens: 8,461
- Efficacy: 80 LPW
Technical Specifications

Lightcloud

Lightcloud Installed:
Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

Listings

UL Listing:
Suitable for wet locations.

IESNA LM-79 & LM-80 Testing:
RAB LED luminaries have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have been received the Department of Energy "Lighting Facts" label.

Dark Sky Approved:
The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

DLC Listed:
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code:
P0000177F

LED Characteristics

Lifespan:
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:
Multi-chip, high-output, long-life LEDs

Color Stability:
LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

Construction

IES Classification:
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 candela power at lateral angles from 90° to 270°.

Effective Projected Area:
EPA = 0.75

Maximum Ambient Temperature:
Suitable for use in 40°C (104°F) ambient temperatures

Cold Weather Starting:
The minimum starting temperature is -40°C/-40°F

Thermal Management:
Superior thermal management with external Air-Flow fins.

Housing:
Die-cast aluminum housing, lens frame and mounting arm.

Mounting:
Heavy-duty mounting arm with "O" ring seal & stainless steel screws

Reflector:
Specular vacuum-metallized polycarbonate

Gaskets:
High-temperature silicone gaskets

IP Rating:
Ingress Protection rating of IP66 for dust and water.

Finish:
Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:
Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

For use on LEED Buildings:
IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Electrical

Drivers:
Two Drivers, Constant Current, Class 2, 1400mA, 100-277V, 50/60Hz, 0.8A, Power Factor 99%

THD:
7.6% at 120V, 16.2% at 277V

Surge Protection:
4kV

Other

California Title 24:
See ALED4T105/BL, ALED4T105/PCS, ALED4T105/PCS2, or ALED4T105/PCT for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

Recovery Act (ARRA) Compliant:
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:
Suitable in accordance with FAR Subpart 25.4.

Optical

BUG Rating:
B1 U0 G2

Other

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

Country of Origin:
Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Trade Agreements Act Compliant:
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:
Suitable in accordance with FAR Subpart 25.4.

Bug Rating:
B1 U0 G2

Technical Specifications (continued)

Other

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ALED4T105YW/LC

Dimensions

Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- Type IV distribution
- 5-year warranty
- Built in support Lightcloud™
- Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

Ordering Matrix

<table>
<thead>
<tr>
<th>Family</th>
<th>Distribution</th>
<th>Watts</th>
<th>Color Temp</th>
<th>Finish</th>
<th>Dimming</th>
<th>Lightcloud</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALED</td>
<td>4T</td>
<td>105</td>
<td>Y</td>
<td>W</td>
<td>Blank = No Dimming</td>
<td>LC = Lightcloud Installed</td>
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<tr>
<td></td>
<td>105 = 105W</td>
<td></td>
<td>Blank = 5000K (Cool)</td>
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<td>Y</td>
<td>Blank = Bronze</td>
<td>W = White</td>
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<td>RG = Gray</td>
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<td>260 = 260W</td>
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<td>360 = 360W</td>
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