

ALED3T105/PCT



Specification grade area lights available in IES Type III distributions. For use for roadway, general parking and other area lighting applications where a larger pool of lighting is required. Replaces up to 400W metal halide. Patent pending thermal management system. 5 Year Warranty.

Color: Bronze

Weight: 32.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type:	Constant Current
120V:	0.89A
208V:	0.58A
240V:	0.50A
277V:	0.44A
Input Watts:	107W
Efficiency:	98%

LED Info

Watts:	105W
Color Temp:	5000K (Cool)
Color Accuracy:	65 CRI
L70 Lifespan:	100,000
Lumens:	9,112
Efficacy:	85 LPW

Technical Specifications

<p>Other</p> <p>ALED3T105 with Photocell: 120V-277V Photocell Twist</p> <p>Drivers: Two Drivers, Constant Current, Class 2, 1400mA, 100-277V, 50/60Hz, 0.8A, Power Factor 99%</p> <p>California Title 24: ALED3T105/PCT with the twistlock photocell option complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 75 Watts at mounting heights greater than 24 feet.</p> <p>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.</p> <p>Country of Origin: Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.</p> <p>Buy American Act Compliant: This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.</p> <p>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).</p> <p>Trade Agreements Act Compliant: This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.</p> <p>GSA Schedule: Suitable in accordance with FAR Subpart 25.4.</p>	<p>Listings</p> <p>UL Listing: Suitable for wet locations.</p> <p>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.</p> <p>DLC Listed: This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.</p> <p>Dark Sky Approved: The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.</p> <p>LED Characteristics</p> <p>Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.</p> <p>LEDs: Multi-chip, high-output, long-life LEDs</p> <p>Color Stability: LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.</p> <p>Color Uniformity: RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.</p> <p>Construction</p> <p>IES Classification: 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.</p>	<p>Effective Projected Area: EPA = 0.75</p> <p>Ambient Temperature: Suitable for use in 40°C (104°F) ambient temperatures.</p> <p>Cold Weather Starting: The minimum starting temperature is -40°F/-40°C.</p> <p>Thermal Management: Superior thermal management with external Air-Flow fins.</p> <p>Housing: Die-cast aluminum housing, lens frame and mounting arm.</p> <p>Mounting: Heavy-duty mounting arm with "O" ring seal & stainless steel screws</p> <p>Reflector: Specular vacuum-metallized polycarbonate</p> <p>Gaskets: High-temperature silicone gaskets</p>
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Technical Specifications (continued)

<p>Construction</p> <p>Finish: Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.</p> <p>Green Technology: Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.</p>	<p>For use on LEED Buildings: IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.</p> <p>Electrical</p> <p>THD: 7.9% at 120V, 16.2% at 277V</p>	<p>Surge Protection: 4kV</p> <p>Optical</p> <p>BUG Rating: B1 U0 G2</p>
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Dimensions



Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- Type III distribution
- 5-year warranty

Ordering Matrix

Family	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Photocell	Dimming	Bi-Level
ALED									
	2T = Type II	150 = 150W	Blank = Arm	Blank = Cool	Blank = Bronze	Blank = 120-277V	Blank = No Photocell	Blank = No Dimming	Blank = No Bi-Level
	3T = Type III	125 = 125W	SF = Slipfitter	Y = Warm	W = White	/480 = 480V	/PC = 120V Button	/D10 = Dimmable	/BL = Bi-Level
	4T = Type IV	105 = 105W		N = Neutral	RG = Gray		/PC2 = 277V Button		
							/PCS = 120V Swivel		
							/PCS2 = 277V Swivel		
							/PCT = 120-277V Twistlock		
							/PCS4 = 480V Swivel		
							/PCT4 = 480V Twistlock		