



Specification grade area lights available in IES Type IV distributions. Suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. Replaces up to 400W metal halide. Patent pending management system. 5 Year Warranty.

Color: Bronze

Weight: 32.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
120V: 1.31A
208V: 0.80A
240V: 0.69A
277V: 0.60A
Input Watts: 156W
Efficiency: 96%

LED Info

Watts: 150W
Color Temp: 5000K (Cool)
Color Accuracy: 65 CRI
L70 Lifespan: 100,000
Lumens: 14,349
Efficacy: 92 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

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 been received the Department of Energy "Lighting Facts" label.

DLC Listed:

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

Dark Sky Approved:

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

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 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.

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.

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 candlepower at lateral angles from 90° to 270°.

Effective Projected Area:

EPA = 0.75

Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures.

Cold Weather Starting:

The minimum starting temperature is -40°F/-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 mounting arm with "O" ring seal & stainless steel screws

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High-temperature silicone gaskets

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, and RoHS compliant. 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, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

THD:

4.7% at 120V, 13.3% at 277V

Surge Protection:

4kV

Optical

Replacement:

The ALED150 replaces 400W Metal Halide Area Lights.

Technical Specifications (continued)

Optical

BUG Rating:

B1 U0 G3

Other

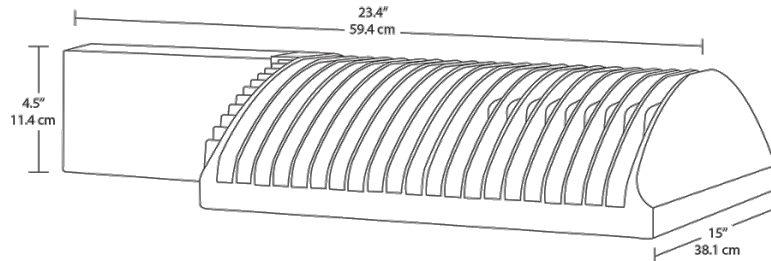
California Title 24:

See ALED4T150/D10, ALED4T150/BL, ALED4T150/PCS, ALED4T150/PCS2, or ALED4T150/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.

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.

Dimensions



Features

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

Ordering Matrix

Family	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Photocell	Dimming	/WS2	/WS4	Bi-Level
ALED											
2T = Type II	150 =	= Arm	= Cool	=	= 120-	= No	= No	Multi-Level Motion Sensor	Multi-Level Motion Sensor (Only	= No	
3T = Type III	150W	SF =	Y =	Bronze	277V	Photocell	Dimming	(Only available for 120-277V	available for 120-277V with /D10	Bi-	
4T = Type IV	125 =	Slipfitter	Warm	W =	/480 =	/PC =	/D10 =	with /D10 for 105W) =	for 125W & 150W) =	Level	
	125W		N =	White	480V	120V	Dimmable				
	105 =		Neutral	RG =		Button					/BL =
	105W			Gray		/PC2 =					Bi-
						277V					Level
						Button					
						/PCS =					
						120V					
						Swivel					
						/PCS2 =					
						277V					
						Swivel					
						/PCT =					
						120-277V					
						Twistlock					
						/PCS4 =					
						480V					
						Swivel					
						/PCT4 =					
						480V					
						Twistlock					