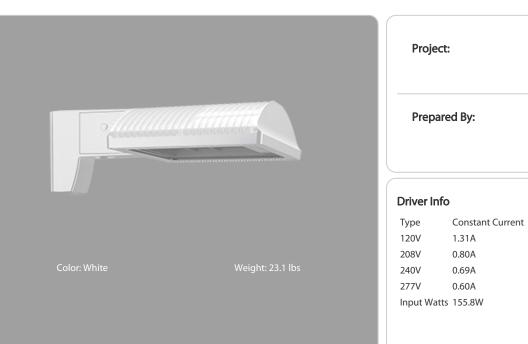
# ALED4T150W USA

# RAB



# Project: Type: Prepared By: Date: Driver Info LED Info Type Constant Current Value Vatts 120V 1.31A Color Temp 5000K (Cool) 208V 0.80A Color Accuracy 71 CRI 240V 0.69A L70 Lifespan 100,000 Hours 277V 0.60A Lumens 18,464 Im Input Watts 155.8W Efficacy 118.5 Im/W

# **Technical Specifications**

# Compliance

# UL Listed:

Suitable for wet locations

# 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: P0000175F

## **IP Rating:**

Ingress protection rating of IP66 for dust and water

## IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

## Performance

#### Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

# Wattage Equivalency:

Equivalent to 400W Metal Halide

# 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°.

## Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

## **Cold Weather Starting:**

The minimum starting temperature is -40°C (-40°F)

#### Thermal Management:

Superior thermal management with external "Air-Flow" fins

## Lens:

Tempered glass lens

## Housing:

Die-cast aluminum housing, lens frame and mounting arm

# Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation.

## **Reflector:**

Specular vacuum-metallized polycarbonate

## Gaskets:

High-temperature silicone gaskets

# EPA:

1 Fixture: 0.75 2 Fixtures at 90°: 1.2 2 Fixtures at 180°: 2.4 3 Fixtures at 90°: 2.4 4 Fixtures at 90°: 1.8

# Finish:

Formulated for high durability and long-lasting color

# Green Technology:

Mercury and UV free. RoHS-compliant components.

# LED Characteristics

# LEDs:

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

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# **Technical Specifications (continued)**

# Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

# Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

# **Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

# Electrical

Driver:

One Driver, Constant Current, Class 2, 2100mA 100-277V, 50-60Hz, Power Factor 99%

**THD:** 4.7% at 120V, 13.3% at 277V

**Power Factor:** 99.5% at 120V, 93.7% at 277V

Surge Protection: 4kV

# Other

## Compatibility:

Compatible with Round Poles with a diameter of 2.5" to 6"  $\,$ 

# 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. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty.</u>

# FTC Country of Origin:

This product was assembled in the USA by RAB using imported components

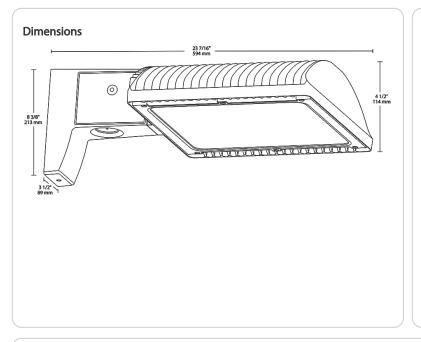
# Buy American Act Compliance:

This product complies with the Buy American Act

## Optical

BUG Rating: B1 U0 G3

# ALED4T150W USA



# Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

# **Ordering Matrix**

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Options	Other Options
ALED	4T	150			W			USA
	<b>3T =</b> Type III <b>2T =</b> Type II <b>4T =</b> Type IV	50 = 50W 78 = 78W 105 = 105W 125 = 125W 150 = 150W	Blank = Pole mount SF = Slipfitter	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	K = Black W = White Blank = Bronze RG = Roadway Gray	Blank = 120-277V /480 = 480V /BL = Bi-Level /D10 = 0-10V Dimming /480/D10 = 480V, 0-10V Dimming	<pre>/PCS = 120V Swivel Photocell /WS4 = Multi-Level Motion Sensor 40 ft /WS2 = Multi-Level Motion Sensor 20 ft /PCT4 = 480V Twistlock Photocell /PCS4 = 480V Swivel Photocell /PCT = 120-277V Twistlock Photocell /PCS2 = 277V Swivel Photocell /LC = Lightcloud Controller Blank = No Option</pre>	Blank = Standard USA = BAA Compliant