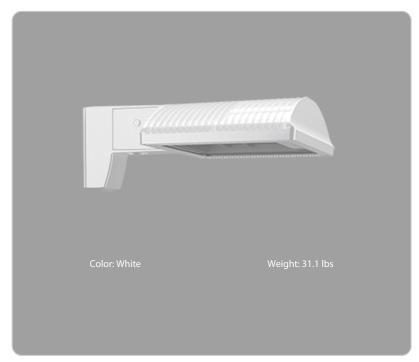
# ALED4T150W/D10/PCT





Project:	Туре:
Prepared By:	Date:

Driver Info	)	LED Info	
Type	Constant Current	Watts	150W
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 lm
Input Watts	155.8W	Efficacy	118.5 lm/W

# **Technical Specifications**

### Compliance

#### **UL Listed:**

Suitable for wet locations

#### 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  $40^{\circ}$ C ( $104^{\circ}$ 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  $90^\circ$  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

### **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.

# ALED4T150W/D10/PCT



# **Technical Specifications (continued)**

#### **Electrical**

#### THD:

4.9% at 120V, 14% at 277V

#### **Power Factor:**

99.5% at 120V, 93.7% at 277V

## **Surge Protection:**

4kV

## Photocell:

120-277V Twistlock photocell included. Photocell is compatible with 120-277V.

# Optical

# **BUG Rating:**

B1 U0 G3

## Other

## **BAA Compliance:**

Click here for BAA compliance.

## Warranty:

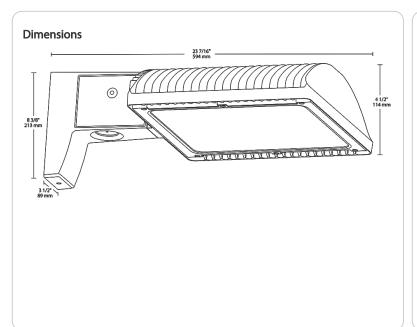
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

# **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

# ALED4T150W/D10/PCT





# **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			K	/D10	/PCT		
	3T = Type III 2T = Type II 4T = 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	/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	Blank = Standard USA = BAA Compliant	