# ALEDL4TSFNW/WS2

# RAB

260W

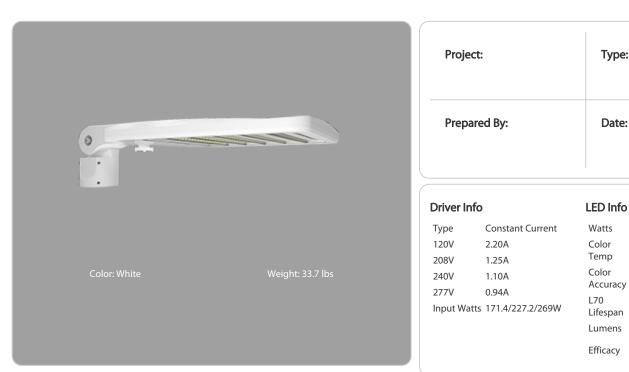
lm/W

4000K (Neutral)

84/84/83 CRI

100,000 Hours

25506/32692/37726 lm 148.8/143.9/140.3



# **Technical Specifications**

# **Field Adjustability**

# Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps: Large Housing: 260W/220W/170W (factory default 260W)

## Compliance

**UL Listed:** 

Suitable for wet locations

#### **IP Rating:**

Ingress protection rating of IP66 for dust and water

## **DLC Listed:**

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements. DLC Product Code: S-1IYOH7

# LED Characteristics

#### LEDs:

Long-life, high-efficacy, discrete, surface-mount 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 (SSL) Products, ANSI C78.377-2017.

## Electrical

#### Driver:

170W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.42A, 208V: 0.82A, 240V: 0.71A, 277V: 0.62A

220W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.84A, 208V: 1.01A, 240V: 0.92A, 277V: 0.80A

260W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 2.20A, 208V: 1.25A, 240V: 1.10A, 277V: 0.94A

#### **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

**THD:** 1.53% at 120V, 4.08% at 277V

**Power Factor:** 99.9% at 120V, 96.6% at 277V

#### **Surge Protection:**

Line to Line: 10kV Line to Ground: 6kV

#### Performance

#### Lifespan:

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

#### Wattage Equivalency:

Equivalent to 1,000W Metal Halide

#### Construction

#### **IES Classification:**

The Type IV distribution 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°.

#### **Cold Weather Starting:**

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

#### Ambient Temperature :

Max Power Temp Rating: 40°C (104°F) Middle Power Temp Rating: 43°C (110°F) Low Power Temp Rating: 51°C (125°F)

Need help? Tech help line: (888) 722-1000 Email: sales@rablighting.com Website: www.rablighting.com Copyright © 2023 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

# **Technical Specifications (continued)**

### Housing:

Die-cast aluminum

**Mounting:** 2 3/8" slipfitter mount with stainless steel hardware

Tilt Increment: Rotates in 5 degree increments

**Lens:** Polycarbonate lens

**Reflector:** Aluminum reflector with white polycarbonate

Vibration Rating: 3G vibration rating per ANSI C136.31

## **Effective Projected Area:**

1 Fixture: 0.65 2 Fixtures at 90°: 1.02 2 Fixtures at 180°: 1.31 3 Fixtures at 90°: 1.68 4 Fixtures at 90°: 1.68

## Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

## **Sensor Specifications**

# Multi Level Motion Sensor:

/WS2 sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF<sup>I</sup> immunity. This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaries based upon detecting the presence or absence of movement for both people as they exit/enter, or for the motion of moving vehicles within the sensors viewing area. The wide 180° viewing angle can detect movement along the entire side of a building with only one compact sensor. The hard lens is molded as part of the case, vandalproof, rainproof, bugproof and absolutely sealed. Sensor functions best when movement is across its detection pattern, not towards the sensor.

## Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. <u>Handheld</u> wireless configuration tool available here.

# Optical

Bug Rating:

BUG Rating 260W: B3 U0 G4 BUG Rating 220W: B3 U0 G4 BUG Rating 170W: B3 U0 G4

# Other

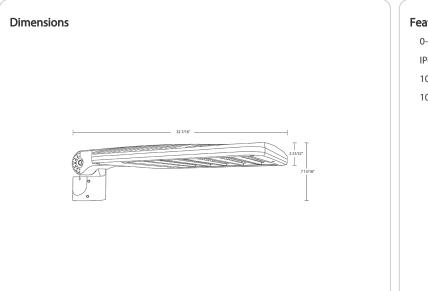
Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) 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.

# ALEDL4TSFNW/WS2



# Features

0-10V dimmable standard

- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

# **Ordering Matrix**

L (80W/60W/40W) n (150W/90W/78W)	4T 2T = Type II 3T = Type III	SF Blank = Universal	<b>Blank =</b> 5000K	W Blank =	<b>Blank =</b> 120-277V,	/WS2 Blank = No Option
(	<i>,</i> ,			Blank =	Blank = 120-277V,	Blank = No Option
60W/220W/170W) Extra Large /345W/300W)	4T = Type IV 5T = Type V AT = Auto Dealership Optic	Pole Mount <b>SF =</b> Slipfitter <b>WM =</b> Wall Mount	Cool <b>N</b> = 4000K Neutral <b>Y</b> = 3000K Warm	Bronze <b>W =</b> White <b>B =</b> Black	0-10V Dimming /480 = 480V, 0-10V Dimming <sup>1</sup>	/7PR = 7 Pin Twistlock Receptacle /WS2 = Wattstopper, 20ft lens /WS4 = Wattstopper, 40ft lens <sup>2</sup>
	5	345W/300W) AT = Auto Dealership Optic	345W/300W) AT = Auto Dealership Optic	345W/300W) AT = Auto Dealership Y = 3000K Optic Warm	345W/300W) <b>AT</b> = Auto Dealership <b>Y</b> = 3000K	345W/300W) AT = Auto Dealership Y = 3000K Optic Warm

<sup>2</sup> Wattstopper option available in Large & Extra Large fixtures only