



Low profile, low glare. Edge-lit technology unlike any other.

Color: Black Weight: 13.5 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Туре	Constant Current	Watts	94W
120V	0.83A	Color Temp	5000K (Cool)
208V	0.48A	Color Accuracy	74 CRI
240V	0.42A	L70 Lifespan	100,000 Hours
277V	0.36A	Lumens	11,361 lm
Input Watts	94.6W	Efficacy	120.1 lm/W

# **Technical Specifications**

## Compliance

## UL Listed:

Suitable for wet locations

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

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNAIm-79 and Im-80

#### **Title 24 Compliant:**

An IVELOT edge-lit area light can be used with a motion sensor or photocell control option to comply with 2016 Title 24 Part 6 Section 130.2 (a,b,v)

#### 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-BHYDI9

# Electrical

#### Driver:

Class 2, 50/60Hz, 120-277V, 4kV standard, 10kV optional

# **Dimming Driver:**

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

# THD:

3.4% at 120V, 7.6% at 277V

#### **Power Factor:**

99.9% at 120V, 96.8% at 277V

### Performance

# Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations at  $25^{\circ}$ C

#### Wattage Equivalency:

Equivalent to 250W Pulse Start Metal Halide

# **LED Characteristics**

#### LEDs:

Long-life, high-efficacy, surface-mount LEDs

## 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.

#### Construction

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

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

# **Maximum Ambient Temperature:**

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

#### Housing:

Precision die-cast aluminum

#### **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°.

#### Mounting:

2 3/8" slipfitter mount with stainless steel hardware

#### Lens

Diffused Polymethyl Methacrylate (PMMA)



# **Technical Specifications (continued)**

# **Effective Projected Area:**

EPA = 0.61

#### Finish:

Formulated for high durability and long-lasting color

#### **Green Technology:**

Mercury and UV free. RoHS-compliant components.

# Optical

# **BUG Rating:**

B3 U0 G3

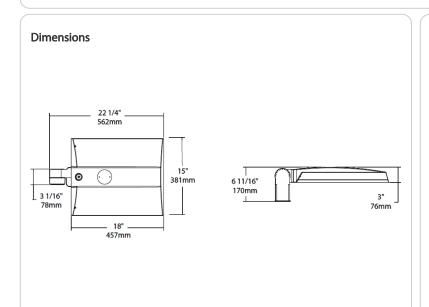
# Other

## 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.



# **Features**

0-10V Dimming, standard 100,000-Hour LED lifespan

# IVAT4-100LSF750KU



Family	Distribution	Lumen Output	Mounting	CRI/Color Temp	Finish	Voltage/Driver	Sensor Options	Lightcloud Option
IVA	T4	- 100L	SF	750	K	U		
	T2 = Type II	<b>45L =</b> 4,500lm	PA = Universal	<b>750</b> = 70CRI	<b>Z</b> = Bronze	<b>U =</b> 120-277V 0-10V	Blank = No Options	Blank = No
	T3 = Type III	(38W)	Pole Mount	5000K	W = White	Dimming	/WS = 8ft lens	Lightcloud®
	T4 = Type IV	<b>75L =</b> 7,500lm	WM = Wall	<b>740 =</b> 70CRI	G = Roadway	H = 347-480V, 0-10V	Wattstopper	/LC = Lightcloud
	T5S = Type V	(67W)	mount	4000K	Gray	Dimming	/WS2 = 20ft lens	Controller
	Square	<b>100L</b> = 10,000lm	SF = Slipfitter	<b>730</b> = 70CRI	K = Black		Wattstopper	
	FT = Forward	(94W)		3000K			/WS4 = 40ft lens	
	Throw	130L = 13,000lm					Wattstopper	
		(117W)					<b>/7PR =</b> 7-Pin	
							receptacle	