# IVAT5S-100LSF750ZU/LC

# RAB



# **Technical Specifications**

# Lightcloud

### Lightcloud Controller Installed:

Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel. Learn more at www.lightcloud.com

# 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 andIm-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-M8IVLU

# 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:

4.7% at 120V, 8.5% at 277V

#### **Power Factor:**

99.8% at 120V,96.9% at 277V

#### Performance

#### Lifespan:

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

# LED Characteristics

LEDs: Long-life, high-efficacy, surface-mount LEDs Color Stability:

**Constant Current** 

0.83A

0.48A

0.42A

0.36A

Project:

**Prepared By:** 

**Driver Info** 

Type 120V

208V

240V

277V

Input Watts 97W

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

Type:

Date:

LED Info

Color Temp

L70 Lifespan

Lumens

Efficacy

Color Accuracy 74 CRI

94W

5000K (Cool)

100,000 Hours

11,577 lm

119.4 lm/W

Watts

#### **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:**

Type VS distributes light in a square symmetrical pattern and is meant for large, commercial parking lot lighting as well as areas where sufficient, evenly distributed light is necessary

#### Lens:

Diffused Polymethyl Methacrylate (PMMA)

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# **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.

# Installation

# Mounting:

2 3/8" slipfitter mount with stainless steel hardware

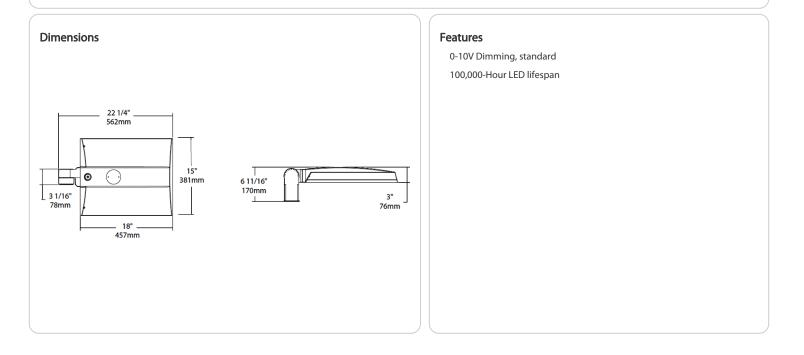
# Other

# 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 <u>rablighting.com/warranty.</u>

#### **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.



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