IVAT5S-100LSF740WU/WS2/LC

RAB®

Project:		Type:
Prepared By:		Date:

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

Color: White   Weight: 13.5 lbs

Driver Info

Type	Constant Current
120V	0.83A
208V	0.48A
240V	0.42A
277V	0.36A
Input Watts	94.6W

LED Info

Watts	94W
Color Temp	4000K (Neutral)
Color Accuracy	72 CRI
L70 Lifespan	100,000 Hours
Lumens	11,508 lm
Efficacy	121.6 lm/W

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 IESNAlm-79 andlm-80

IP Rating:
Ingress protection rating of IP66 for dust and water

California Title 24:
Can be used to conform with the requirements of California Title 24 Part 6.

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-VX3LFJ

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:
4.8% at 120V, 8.3% at 277V

Power Factor:
99.8% at 120V, 96.6% at 277V

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations at 25°C

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:
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)

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.

Sensor Settings

Multi Level Motion Sensor:
*40 ft diameter coverage from 20 ft height.

Installation

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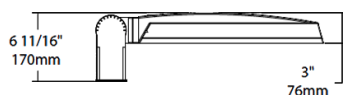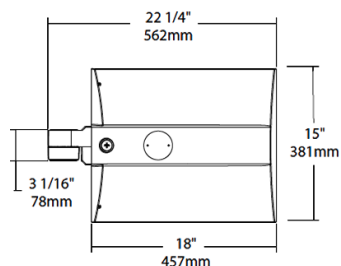
Other

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 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.

Dimensions

22 1/4"
562mm

15"
381mm

3 1/16"
78mm

18"
457mm

6 11/16"
170mm

3"
76mm

Features

0-10V Dimming, standard

100,000-Hour LED lifespan

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Ordering Matrix

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

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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Page 3 of 3