IVAT5S-100LSF730GU/7PR/LC

RAB®

Project:

Type:

Prepared By:

Date:

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

Color: Gray   Weight: 13.5 lbs

Driver Info

Type	Constant Current
120V	0.83A
208V	0.48A
240V	0.42A
277V	0.36A
Input Watts	94.5W

LED Info

Watts	94W
Color Temp	3000K (Warm)
Color Accuracy	83 CRI
L70 Lifespan	100,000 Hours
Lumens	10,032 lm
Efficacy	106.2 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

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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-52YEIU

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:
5.1% at 120V, 29.3% at 277V

Power Factor:
99.8% at 120V, 96.4% at 277V

7-Pin Receptacle:
ANSI C136.41 7-pin receptacle, compatible with wireless control systems

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

Technical Specifications (continued)

Lens:
Diffused Polymethyl Methacrylate (PMMA)

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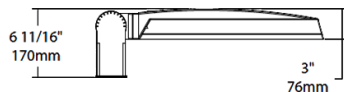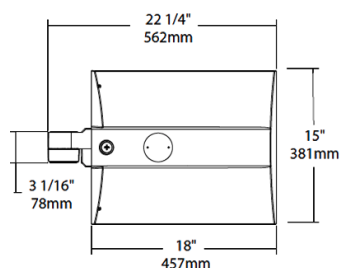2 3/8" slipfitter mount with stainless steel hardware

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 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

RAB

Ordering Matrix

Family	Distribution		Lumen Output	Mounting	CRI/Color Temp	Finish	Driver	Sensor Options	Lightcloud Option
IVA	T5S	–	100L	SF	730	G	U	/7PR	/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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