



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

Color: Black

Weight: 12.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	42.5W

LED Info

Watts	38W
Color Temp	3000K (Warm)
Color Accuracy	80 CRI
L70 Lifespan	100,000 Hours
Lumens	4,950 lm
Efficacy	116.5 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 IESNA lm-79 and lm-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-LV301Q

Electrical

Driver:

Class 2, 50/60Hz, 480V 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:

11.51% at 480V

Power Factor:

95.9% at 480V

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-efficiency, surface-mount LEDs

Color Stability:

LED color temperature is warranted 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 Forward Throw 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)

Effective Projected Area:

EPA = 2.1

Technical Specifications (continued)

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Sensor Specifications

Multi Level Motion Sensor:

*100 ft diameter maximum coverage from 40 ft height.

Handheld Wireless Configuration Tool:

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

Optical

BUG Rating:

B1 U0 G2

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



Features

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

Ordering Matrix

Family	Distribution		Lumen Output	Mounting	CRI/Color Temp	Finish	Voltage/Driver	Sensor Options	Lightcloud Option
IVA	FT	-	45L	SF	730	K	H	/WS4	
	T2 = Type II *		45L = 4,500lm (38W)	PA = Universal Pole Mount	750 = 70CRI 5000K	Z = Bronze	U = 120-277V 0-10V Dimming	Blank = No Options	Blank = No Lightcloud®
	T3 = Type III *		75L = 7,500lm (67W)	WM = Wall mount	740 = 70CRI 4000K	W = White	H = 347-480V, 0-10V Dimming	/WS = 8ft lens	/LC = Lightcloud® Controller ²
	T4 = Type IV *		100L = 10,000lm (94W)	SF = Slipfitter	730 = 70CRI 3000K	G = Roadway Gray		/WS2 = 20ft lens	
	T5S = Type V Square *		130L = 13,000lm (117W) ¹			K = Black		Wattstopper	
	FT = Forward Throw *							/WS4 = 40ft lens	
								Wattstopper	
								/7PR = 7-Pin receptacle	

¹ Applies to Type IV, V Square

² Applies 120-277V

* All values are nominal with +/- 10% tolerance. See spec sheet for more details.