RAB



Project: Type: **Prepared By:** Date: LED Info **Driver Info Constant Current** Watts 94W Туре 120V 0.83A Color Temp 4000K (Neutral) 208V 0.48A Color Accuracy 72 CRI 240V 0.42A L70 Lifespan 100,000 Hours 277V 0.36A Lumens 10,832 lm

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

Color: Bronze

Weight: 15.0 lbs

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 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 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-SXV45C

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: 4.3% at 120V, 8.4% at 277V

Power Factor: 99.8% at 120V, 96.7% at 277V

Performance

Lifespan:

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

Input Watts 94.6W

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.

Efficacy

114.5 lm/W

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:

Universal pole adapter

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

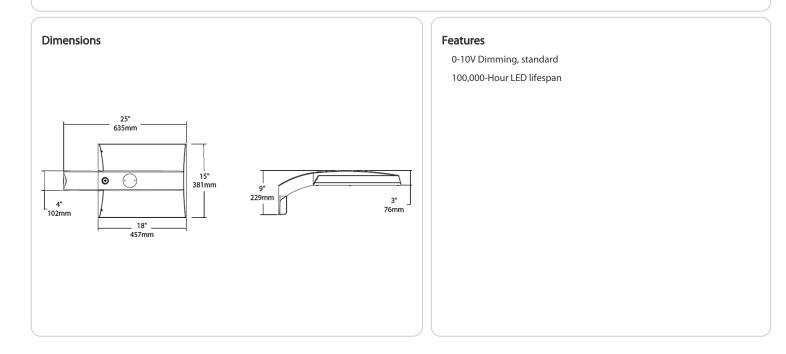
Other

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 <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.





IVAT4-100LPA740ZU

RAB

| amily | Distribution | Lumen Output | Mounting | CRI/Color Temp | Finish | Voltage/Driver | Sensor Options | Lightcloud Option |
|-------|---------------|----------------------|-----------------|--------------------|--------------------|---------------------------|---------------------|-------------------|
| IVA | T4 | – 100L | PA | 740 | Z | U | | |
| | T2 = Type II | 45L = 4,500lm | PA = Universal | 750 = 70CRI | Z = Bronze | U = 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 | 75L = 7,500lm | WM = Wall | 740 = 70CRI | G = Roadway | H = 347-480V, 0-10V | Wattstopper | /LC = Lightcloud |
| | T5S = Type V | (67W) | mount | 4000K | Gray | Dimming | /WS2 = 20ft lens | Controller |
| | Square | 100L = | SF = Slipfitter | 730 = 70CRI | K = Black | | Wattstopper | |
| | FT = Forward | 10,000lm (94W) | | 3000K | | | /WS4 = 40ft lens | |
| | Throw | 130L = | | | | | Wattstopper | |
| | | 13,000lm | | | | | /7PR = 7-Pin | |
| | | (117W) | | | | | receptacle | |