



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

Color: Black

Weight: 19.4 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	94W
120V	0.83A	Color Temp	3000K (Warm)
208V	0.48A	Color Accuracy	80 CRI
240V	0.42A	L70 Lifespan	100,000 Hours
277V	0.36A	Lumens	9,970 lm
Input Watts	92.7W	Efficacy	107.6 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 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-HXT1DJ

### 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:**

4.67% at 120V, 9.23% at 277V

**Power Factor:**

99.8% at 120V, 96.3% 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 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°.

**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.

## Technical Specifications (continued)

### Sensor Specifications

#### Multi Level Motion Sensor:

\*48 ft diameter maximum coverage from 8 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.](#)

### Installation

#### Mounting:

Wall mount

### Optical

#### BUG Rating:

B1 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 [rablighting.com/warranty](http://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	-	100L	WM	730	K	U	/WS	
	T2 = Type II <sup>*</sup> T3 = Type III <sup>*</sup> T4 = Type IV <sup>*</sup> T5S = Type V Square <sup>*</sup> FT = Forward Throw <sup>*</sup>		45L = 4,500lm (38W) 75L = 7,500lm (67W) 100L = 10,000lm (94W) 130L = 13,000lm (117W) <sup>1</sup>	PA = Universal Pole Mount WM = Wall mount SF = Slipfitter	750 = 70CRI 5000K 740 = 70CRI 4000K 730 = 70CRI 3000K	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® Controller <sup>2</sup>

<sup>1</sup> Applies to Type IV, V Square

<sup>2</sup> Applies 120-277V

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