



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

Color: Black

Weight: 19.8 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Туре	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**

# 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 about Lightcloud.

#### 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 and Im-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-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  $^{\circ}\text{C}$ 

# **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:**

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)

# IVAFT-100LWM730KU/WS2/LC



# **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 Specifications**

#### **Multi Level Motion Sensor:**

\*40 ft diameter coverage from 20 ft height.

# Installation

#### Mounting:

Wall mount

#### Optical

#### **BUG Rating:**

B1 U0 G3

#### Other

#### Warranty:

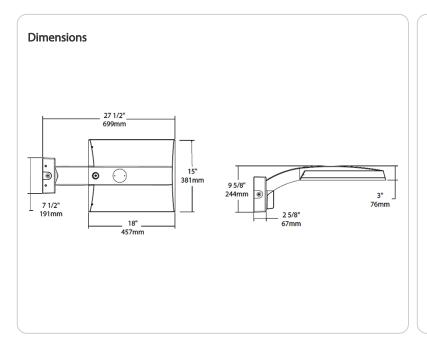
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

# **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.

# IVAFT-100LWM730KU/WS2/LC





# **Features**0-10V Dimming, standard

100,000-Hour LED lifespan

**Ordering Matrix** CRI/Color Distribution **Lightcloud Option Family Lumen Output** Mounting Finish Voltage/Driver **Sensor Options** Temp IVA FT 100L WM 730 Κ U /WS2 /LC  $T2 = Type II^*$ 45L = 4,500lm PA = Universal 750 = 70CRI Z = BronzeU = 120-277V 0-10V Blank = No Options Blank = NoPole Mount **W** = White Dimming (38W) 5000K /WS = 8ft lens Lightcloud® T3 = Type III /LC = Lightcloud® **75L** = 7,500lm WM = Wall H = 347-480V, 0-10V **T4** = Type IV **740** = 70CRI  $\mathbf{G} = \text{Roadway}$ Wattstopper (67W) 4000K /WS2 = 20ft lens Controller 2 mount Gray Dimming T5S = Type V**730** = 70CRI **SF** = Slipfitter 100L = K = Black Wattstopper Square 10,000lm (94W) 3000K /WS4 = 40ft lens FT = Forward130L= Wattstopper Throw 13,000lm **/7PR =** 7-Pin (117W) receptacle <sup>1</sup> Applies to Type IV, V Square <sup>2</sup> Applies 120-277V

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