X15-100TW



Color: White

Weight: 5.4 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.84A/0.74A/0.67A
208V	0.49A/0.43A/0.38A
240V	0.42A/0.37A/0.33A
277V	0.38A/0.34A/0.31A
Input Watts	76.3-100.8W

LED Info

Watts	100/90/80W
Color Temp	3000K/4000K/5000K
Color Accuracy	80-83 CRI
L70 Lifespan	100,000 Hours
Lumens	12145-16092 lm
Efficacy	144.4-176 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
100/90/80W (factory default 100W)
Color Temperature Selectable:
3000K, 4000K and 5000K (factory default 4000K)
On/Off Photocell (factory default "Off")

Compliance

UL Listed:
Suitable for wet locations

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components 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

Electrical

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

Aux Power Supply:
No

Dim to Off:
Yes

Surge Protection:
4 kV

Photocell:
Integrated photocell included with on/off switch

Performance

Lifespan:
100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Optical

NEMA Type:
NEMA Beam Spread 7H x 7V

BUG Rating:
B3 U3 G1

LED Characteristics

LEDs:
Long-life, high-efficiency, surface-mount LEDs

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.

Installation

Mounting:
Trunnion with tilt angle in 30° increments

Construction

Cold Weather Starting:
The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:
Suitable for use in up to 122°F (50°C)

Lens:
Glass

Housing:
Die-cast aluminum

Reflector:
White polycarbonate

IK Rating:
IK07 Protected against 2 joules of impact. Equivalent to the impact of a 1.1 lbs. (.5kg) mass dropped from 15.8" (400mm) above the impacted surface.

Vibration Rating:
3G vibration rating per ANSI C136.31

Effective Projected Area (EPA):
0.558 ft^2

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Technical Specifications (continued)

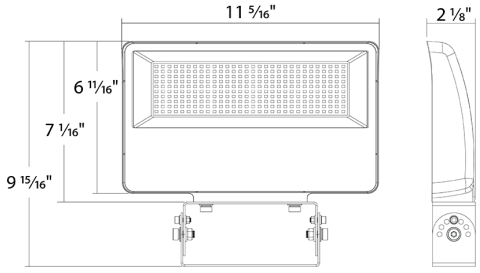
Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Other

5-Year Limited Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- DLC Premium listed
- IP66 Rated protects against dust & water ingress
- IK07 Rating
- 100,000-Hour LED lifespan
- 5-Year, limited warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Controls
X15	100	T		W		
	30 = 30/25/20W **60 =** 60/50/30W **80 =** 80/70/60W **100 =** 100/90/80W **150 =** 150/130/110W	**Blank =** Knuckle Mount **T =** Trunnion Mount **SF =** Slipfitter Mount	**Blank =** 3000/4000/5000K CCT Adjustable	**Blank =** Bronze **W =** White	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming [1]	**Blank =** On/Off Photocell

[1] *480V input available for 150W only*

Knuckle mount available for 30W and 60W. Trunnion mount available for 60, 80, 100, and 150W. Slipfitter mount available for 80, 100, and 150W.

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