



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant	Watts	80/70/60/50W
120V	0.72A	Color Temp	3000K/4000K/5000K
208V	0.42A	Color	82-84 CRI
240V	0.37A	Accuracy	
277V	0.30A	L70 Lifespan	100,000 Hours
Input Watts	51.7-86.1W	Lumens	7273-12632 lm
		Efficacy	128.6-176 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
80/70/60/50W (factory default 80W)
Color Temperature Adjustable:
3000K, 4000K and 5000K (factory default 4000K)
Optical Field Adjustable: 7H x 6V/6H x 6V/5Hx5V
(factory default 7Hx6V)
On/Off Photocell (factory default "On")

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

Driver:

Constant Current, Class1, 120-277V, 50/60 Hz:
80W: 120V: 0.72A, 208V: 0.42A, 240V: 0.37A, 277V: 0.30A
70W: 120V: 0.61A, 208V: 0.36A, 240V: 0.31A, 277V: 0.27A
60W: 120V: 0.53A, 208V: 0.31A, 240V: 0.27A, 277V: 0.23A
50W: 120V: 0.44A, 208V: 0.27A, 240V: 0.23A, 277V: 0.19A

Dimming Driver:

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

THD:

12.57% at 120V, 18.08% at 277V

Power Factor:

99.2% at 120V, 96.8% at 277V

Surge Protection:

L-N: 4 kV
L/N-PE: 6 kV

Aux Power Supply:

Yes

Dim to Off:

Yes

Photocell:

Integrated photocell included with on/off switch

LED Characteristics

LEDs:

Long-life, high-efficacy, 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.

Color Consistency:

3000K & 5000K: 5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color
4000K: 7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Performance

Lifespan:

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

Construction

IK Rating:

IK06 Protected against 1 joules of impact. Equivalent to the impact of a 0.55 lbs. (.25kg) mass dropped from 15.8" (400mm) above the impacted surface.

Technical Specifications (continued)

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)

Housing:

Die-cast aluminum

Lens:

Polycarbonate lens

Gaskets:

High-temperature silicone

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

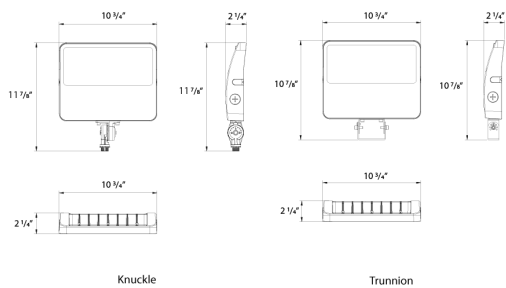
Robust knuckle mount with 180° adjustable swivel arm. Tilt angle in 10° increments. Trunnion kit is included.

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

- IP66 Rated
- 100,000-Hour LED lifespan
- 3000/4000/5000K CCT Adjustable
- 55/75/90° Selectable Beam Angle
- 5-Year, limited warranty

Ordering Matrix

Family		Wattage	Color Temp	Mounting	Finish	Beam Angle	Driver	Controls
XL22	-	80		Blank	W			
		35 = 35/30/25/20W 60 = 60/50/40/30W 80 = 80/70/60/50W 150 = 150/125/100/75W	Blank = 3000/4000/5000K CCT Adjustable	Blank = Knuckle Mount Installed with Yoke Kit Included Blank = Knuckle Mount Installed with Trunnion Kit Included Blank = Slipfitter Mount Installed with Trunnion Kit Included	Blank = Bronze W = White	Blank = Selectable Beam Angle (55/75/90°)	Blank = 120-277V /480 = 480V, 0-10V Dimming	Blank = Selectable On/Off Photocell