XL22-150W/480

RAB

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	77.3-156.6W

LED Info

Watts	150/125/100/75W
Color Temp	3000K/4000K/5000K
Color Accuracy	82-84 CRI
L70 Lifespan	100,000 Hours
Lumens	11517-23285 lm
Efficacy	136.3-185.4 lm/W

Color: White   Weight: 13.4 lbs

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
150/125/100/75W (factory default 150W)
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 IESNAlm-79 andlm-80.

IP Rating:
Ingress protection rating of IP66 for dust and water

Electrical

Driver:
Constant Current, Class1, 480VV, 50/60 Hz:
150W: 480V: 0.32A
125W: 480V: 0.27A
100W: 480V: 0.21A
75W: 480V: 0.16A

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

THD:
14.46% at 480V

Power Factor:
95% at 480V

Surge Protection:
L-N: 6 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.

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)

Technical Specifications (continued)

Housing:
Die-cast aluminum

Lens:
Polycarbonate lens

Gaskets:
High-temperature silicone

Finish:
Formulated for high durability and long-lasting color

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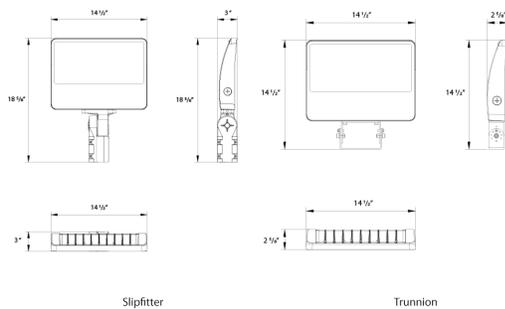Mercury and UV free. RoHS-compliant components.

Installation

Mounting:
Slipfitter with 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

Slipfitter   Trunnion

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	–	150		Blank	W		/480	

Family	Wattage	Color Temp	Mounting	Finish	Beam Angle	Driver	Controls
	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