



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant	Watts	30/25/20/15W
120V	N/A	Color Temp	3000/4000/5000K
208V	N/A	Color Accuracy	83-86 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	1,982-4,279 lm
Input Watts	17-31W	Efficacy	114.6-139.9 lm/W

Technical Specifications

Field Adjustability

Cutoff Adjustability:

45°, 30°, 15° and 0° (factory default 45°)

Field Adjustable:

Field Adjustable Light Output:
30W/25W/20W/15W (factory default 30W)
Color temperature selectable 3000K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:

Suitable for wet locations

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-55M4Q1

Electrical

Driver:

Constant Current, Class 1, 480V, 50/60 Hz:
30W: 480V: 0.07A
25W: 480V: 0.07A
20W: 480V: 0.06A
15A: 480V: 0.06A

Dimming Driver:

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

Photocell:

Integrated photocell included with on/off switch

Surge Protection:

DM 2KV+ CM 4KV

Performance

Lifespan:

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

Performance Data:

[Click here for the W22-S-30/480 performance data](#)

Wattage Equivalency:

30W: Replaces up to 125W Metal Halide (MH) or 100W High Pressure Sodium (HPS)
25W: Replaces up to 125W Metal Halide (MH) or 100W High Pressure Sodium (HPS)
20W: Replaces up to 100W Metal Halide (MH) or 70W High Pressure Sodium (HPS)
15W: Replaces up to 70W Metal Halide (MH) or 70W High Pressure Sodium (HPS)

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.

Construction

Housing:

Die-cast aluminum

Lens:

Glass

Reflector:

Aluminum

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)

Green Technology:

Mercury and UV free. RoHS-compliant components.

Technical Specifications (continued)**Finish:**

Formulated for high durability and long-lasting color

Installation**Mounting:**

Surface mount for recessed junction box; 3 conduit entry points

Optical**BUG Rating:**

30W: B1 U3 G3

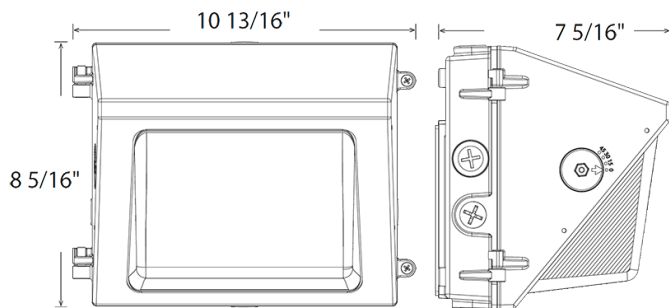
25W: B1 U3 G3

20W: B1 U3 G3

15W: B1 U3 G2

Other**5 Yr 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**

100,000-Hour LED lifespan

0-10V dimming standard

5-Year, limited warranty

Ordering Matrix

Family	Housing Size	Wattage	Color Temp	Finish	Forward Throw	Driver	Options
W22	S	30		W		/480	
	S = Small M = Medium L = Large	30 = 30/25/20/15W ¹ 60 = 60/50/40/30W ² 100 = 100/85/70/50W ² 150 = 150/125/100/75W ³	Blank = 3000/4000/5000K Adjustable	Blank = Bronze W = White	Blank = Adjustable Throw 0°/15°/30°/45°	Blank = 120-277V /480 = 480V	Blank = Selectable Photocell /E = Selectable Photocell w/Battery Backup ⁴

¹ S (Small) models only

² M (Medium) models only

³ L (Large) models only

⁴ Battery backup available only on M (Medium) and L (Large) models with 120-277V