W22-S-30



Color: Bronze

Weight: 5.5 lbs

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

Driver Info

Type	Constant
120V	0.25A
208V	0.15A
240V	0.13A
277V	0.11A
Input Watts	15.9-30.4W

LED Info

Watts	30/25/20/15W
Color Temp	3000/4000/5000K
Color Accuracy	83-85 CRI
L70 Lifespan	100,000 Hours
Lumens	1,917-4,508 lm
Efficacy	116.9-151.5 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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Driver:
Constant Current, Class 1, 120-277V, 50/60 Hz:
30W: 120V: 0.25A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A
25W: 120V: 0.22A, 208V: 0.12A, 240V: 0.10A, 277V: 0.10A
20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A
15A: 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A

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 2 kV+ CM 4 kV

Performance

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

Performance Data:
Click here for the W22-S-30 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

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

Technical Specifications (continued)

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

Maximum Ambient Temperature:
Suitable for use in up to 104°F (40°C)

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

Finish:
Formulated for high durability and long-lasting color

Installation

Mounting:
Suface mount for recessed junction box; 3 conduit entry points

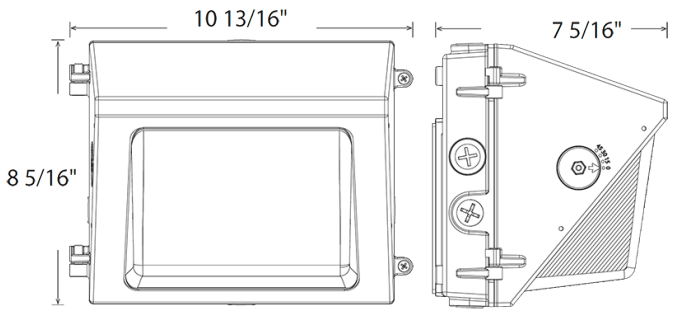
Optical

BUG Rating:
30W: B1 U3 G3
25W: B1 U3 G3
20W: B1 U3 G3
15W: B1 U3 G2

Other

5-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

- 100,000-Hour LED lifespan
- 0-10V dimming standard
- 5-Year, limited warranty

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

Ordering Matrix

Family	Housing Size	Wattage	Color Temp	Finish	Forward Throw	Driver	Controls	Battery Backup
W22	S	30						
	M = Medium **L =** Large **S =** Small	**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 **/LCBS/MVS =** Selectable Photocell w/Lightcloud Blue MVS Sensor	**Blank =** None **/E =** Battery Backup

[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*

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice