W22-L-150W

RAB®

Color: White   Weight: 13.0 lbs

Project:		Type:
Prepared By:		Date:

Driver Info

Type	Constant
120V	1.50A
208V	0.80A
240V	0.70A
277V	0.60A
Input Watts	74.5-147.2W

LED Info

Watts	150/125/100/75W
Color Temp	3000K/4000K/5000K
Color Accuracy	83-85 CRI
L70 Lifespan	100,000 Hours
Lumens	10,103-20,920 lm
Efficacy	121.5-161.6 lm/W

Technical Specifications

Field Adjustability

Cutoff Adjustability:
45°, 30°, 15° and 0° (factory default 45°)

Field Adjustable:
Field Adjustable Light Output:
150W/125W/100W/75W (factory default 150W)
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-RDTJRQ

Electrical

Driver:
Constant Current, Class 1, 120-277V, 50/60 Hz:
150W: 120V: 1.50A, 208V: 0.80A, 240V: 0.70A, 277V: 0.60A
125W: 120V: 1.05A, 208V: 0.60A, 240V: 0.52A, 277V: 0.46A
100W: 120V: 0.83A, 208V: 0.48A, 240V: 0.42A, 277V: 0.36A
75W: 120V: 0.63A, 208V: 0.36A, 240V: 0.32A, 277V: 0.27A

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 4KV+ CM 6KV

Performance

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

Performance Data:
Click here for the W22-L-150 performance data

Wattage Equivalency:

150W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)
125W: Replaces up to 400W Metal Halide (MH) or 400W High Pressure Sodium (HPS)
100W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)
75W: Replaces up to 350W Metal Halide (MH) or 250W 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

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

Lens:
Glass

Technical Specifications (continued)

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.

Finish:
Formulated for high durability and long-lasting color

Optical

BUG Rating:
150W: B3 U5 G5
125W: B3 U5 G5
100W: B3 U5 G5
75W: B2 U4 G5

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.
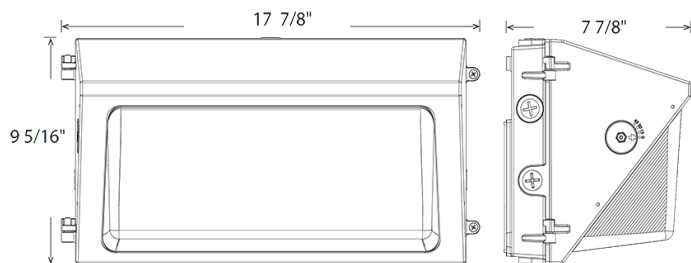
Note:
All values are typical (tolerance +/- 10%)

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

W22-L-150W

RAB®

Dimensions

17 7/8"

7 7/8"

9 5/16"

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	Voltage	Options
W22	L	150		W			
	S = Small **M =** Medium **L =** Large	**30 =** 30/25/20/15W **60 =** 60/50/40/30W **100 =** 100/85/70/50W **150 =** 150/125/100/75W	**Blank =** 3000K/4000K/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