



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant	Watts	200/180/160W
120V	1.67A/1.50A/1.33A	Color Temp	3000K
208V	0.96A/0.87A/0.77A	Color Accuracy	83 CRI
240V	0.83A/0.75A/0.67A	L70 Lifespan	100,000 Hours
277V	0.72A/0.65A/0.58A	Lumens	26,776/24,813/22,466 lm
Input Watts	188/172.1/151.9W	Efficacy	142.4/144.2/147.9 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
200W/180W/160W (factory default: 200W)

Compliance

UL Listed:

Suitable for wet locations. Suitable for mounting within 4ft (1.2m) of the ground.

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

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-559GHB

LUNA:

This product has received the Design Lights Consortium's LUNA listing for 3000K Models. Designed to meet LUNA 5.1 requirements.
LUNA Product Code: S-559GHB

Performance

Lifespan:

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

THD:

3.29% at 120V, 4.52% at 277V

Wattage Equivalency:

200W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)
180W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)
160W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)

Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz:
150W: 120V: 1.25A, 208V: 0.72A, 240V: 0.63A, 277V: 0.54A
120W: 120V: 1.0A, 208V: 0.58A, 240V: 0.5A, 277V: 0.43A
100W: 120V: 0.83A, 208V: 0.48A, 240V: 0.42A, 277V: 0.36A

Dimming Driver:

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

Power Factor:

99.9% at 120V, 96.5% at 277V

7-Pin Receptacle with Shorting Cap:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

Surge Protection:

6kV

Construction

IES Classification:

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

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)

Lens:

Polycarbonate lens

Technical Specifications (continued)

Housing:

Die-cast aluminum

Effective Projected Area:

1 Fixture: 0.4

2 Fixtures: 0.8

3 Fixtures: 1.4

4 Fixtures: 1.4

Finish:

Formulated for high durability and long-lasting color

Gaskets:

High-temperature silicone gaskets

Green Technology:

Mercury and UV free. RoHS-compliant components.

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.

Installation

Mounting:

Non-Adjustable universal pole mount

Optical

BUG Rating:

Type 4

200W: B3 U0 G3

180W: B3 U0 G3

160W: B3 U0 G3

Other

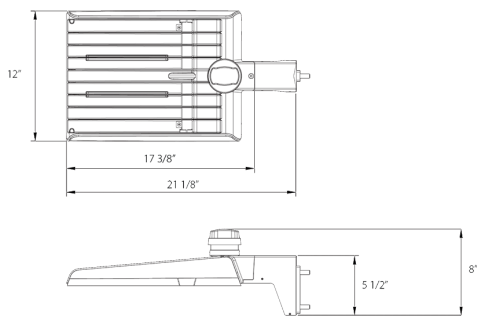
5 Yr Limited Warranty:

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.

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.

Dimensions



Features

- DLC Premium listed
- Luna Listed
- Non-Adjustable Universal Pole Mount
- 7-Pin Receptacle with Shorting Cap
- IP66 Rated
- 100,000-Hour LED lifespan
- 5-Year, limited warranty

Ordering Matrix

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver	Options
A22	-	4T	200	Blank	Y	W	
	2T = Type II 4T = Type IV 5T = Type V Blank = Type III	70 = 70/60/50W 100 = 100/80/60W 150 = 150/120/100W 200 = 200/180/160W 320 = 320/280/250W	Blank = Universal Adjustable Pole Mount Blank = Universal Non-Adjustable Pole Mount	Blank = 3000/4000/5000K CCT Adjustable Y = 3000K	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = 7-Pin Receptacle with Shorting Cap /MVS = 7-Pin Receptacle with Shorting Cap and Microwave Motion Sensor /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor