

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info			
Туре	Constant	Watts	320/280/250W		
120V	N/A	Color Temp	3000K/4000K/5000K		
208V	N/A	Color	80-84 CRI		
240V	N/A	Accuracy			
277V	N/A	L70 Lifespan	100,000 Hours		
Input Watts 239.8-303.4W	Lumens	34,413-43,960 lm			
		Efficacy	130.4-157.7 lm/W		

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output: 320W/280W/250W (factory default: 320W) Color Temperature Selectable: 3000K, 4000K and 5000K (factory default:4000K)

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-39HGKN

Performance

Lifespan:

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

Wattage Equivalency:

320W: Replaces up to 1,000W Metal Halide (MH) or 750W High Pressure Sodium (HPS)

280W: Replaces up to 1,000W Metal Halide (MH) or 600W High Pressure Sodium (HPS)

250W: Replaces up to 750W Metal Halide (MH) or 600W High Pressure Sodium (HPS)

Electrical

Driver:

Constant Current, Class 1, 480V, 50/60 Hz:

320W: 480V: 0.67A 280W: 480V: 0.58A 250W: 480V: 0.52A

Dimming Driver:

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

THD:

12.15% at 480V

Power Factor:

95.1% at 480V

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

Housing:

Die-cast aluminum

A22-4T320W/480



Technical Specifications (continued)

Effective Projected Area:

1 Fixture: 0.4

2 Fixtures: 0.8

3 Fixtures: 1.6

4 Fixtures: 1.6

Mounting:

Adjustable universal pole mount (standard). Slipfitter and wall mount accessory available.

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.

Optical

BUG Rating:

Type 4

320W: B4 U0 G4

280W: B4 U0 G4

250W: B4 U0 G4

Other

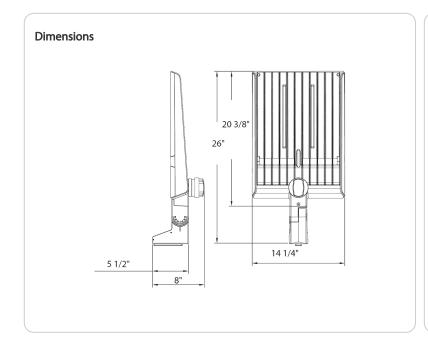
5 Yr Limited Warranty:

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 <u>rablighting.com/warranty.</u>

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.





Features

DLC Premium listed

Adjustable Universal Pole Mount

7-Pin Receptacle with Shorting Cap

IP66 Rated

100,000-Hour LED lifespan

5-Year, limited warranty

Ordering Ma	atrix						
Family	Optics	Wattages	Mounting	Color Temp	Finish	Voltage	Options
A22 -	4T	320			W	/480	
	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 = 3000K/4000K/5000K CCT Adjustable	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 Occupancy Sensor /LCBS = Lightcloud Blue Enabled w/PIR Sensor /LCBS/MVS = Lightcloud Blue Enabled w/MVS Sensor