



Color: Black Weight: 11.2 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info	)	LED Info	
Type 120V 208V 240V 277V Input Watts	Constant 0.83A/0.67A/0.50A 0.48A/0.38A/0.25A 0.42A/0.33A/0.25A 0.72A/0.29A/0.22A 59.9-101W	Watts Color Temp Color Accuracy L70 Lifespan Lumens Efficacy	100/80/60W 3000K/4000K/5000K 80-84 CRI 100,000 Hours 9,204-14,815 lm 132.8-164.7 lm/W

# **Technical Specifications**

### **Field Adjustability**

#### Field Adjustable:

Field Adjustable Light Output: 100W/80W/60W (factory default: 100W) 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-TPD4GC

#### Performance

#### Lifespan:

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

### Wattage Equivalency:

100W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS) 80W: Replaces up to 350W Metal Halide (MH) or 250W High Pressure Sodium (HPS) 60W: Replaces up to 250W Metal Halide (MH) or 200W High Pressure Sodium (HPS)

### **Electrical**

### Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz: 100W: 120V: 0.83A, 208V: 0.48A, 240V: 0.42A, 277V: 0.36A

80W: 120V: 0.67A, 208V: 0.38A, 240V:0.33A, 277V: 0.29A

60W: 120V: 0.5A, 208V: 0.29A, 240V:0.25A, 277V: 0.22A

#### **Dimming Driver:**

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

### THD:

3.25% at 120V, 5.82% at 277V

#### **Power Factor:**

99.7% at 120V, 94.5% 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 V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings

### **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

A22-5T100B



# **Technical Specifications (continued)**

# **Effective Projected Area:**

1 Fixture: 0.3

2 Fixtures: 0.7

3 Fixtures: 1.2

4 Fixtures: 1.2

### 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 5

100W: B3 U0 G2

80W: B3 U0 G1

60W: B2 U0 G1

### Other

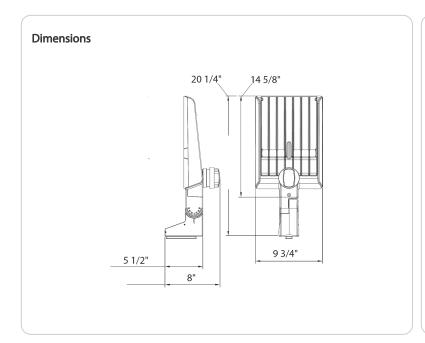
### **5 Yr Limited Warranty:**

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 Family	atrix Optics	Wattages	Mounting	Color Temp	Finish	Voltage	Options
A22 -	5T	100			В		
	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