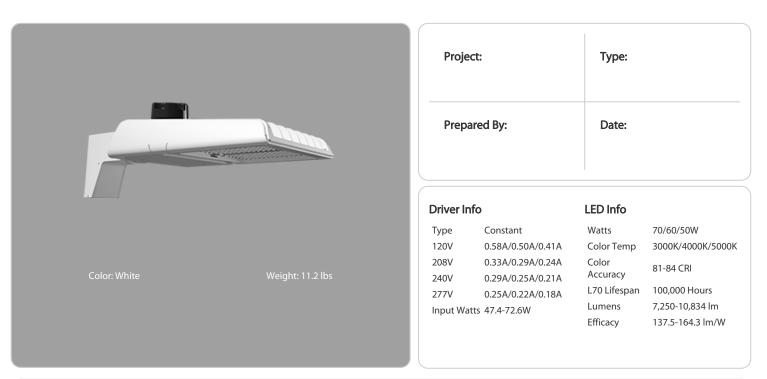
# A22-70W

# RAB



# **Technical Specifications**

# **Field Adjustability**

#### Field Adjustable:

Field Adjustable Light Output: 70W/60W/50W (factory default: 70W) 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

#### Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

#### **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-P8P451

# Performance

#### Lifespan:

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

#### Wattage Equivalency:

70W: Replaces up to 350W Metal Halide (MH) or 200W High Pressure Sodium (HPS) 60W: Replaces up to 250W Metal Halide (MH) or 200W High Pressure Sodium (HPS) 50W: Replaces up to 200W Metal Halide (MH) or 150W High Pressure Sodium (HPS)

#### Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz: 70W: 120V: 0.58A, 208V: 0.33A, 240V: 0.29, 277V: 0.25A 60W: 120V: 0.50A, 208V: 0.29A, 240V: 0.25, 277V: 0.22A 50W: 120V: 0.41A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A

#### **Dimming Driver:**

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

#### THD:

4.21% at 120V, 7.69% at 277V

#### Power Factor:

99.7% at 120V, 94.6% 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 III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

#### **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

# 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 3 70W: B2 U0 G2 60W: B2 U0 G2 50W: B2 U0 G1

## Other

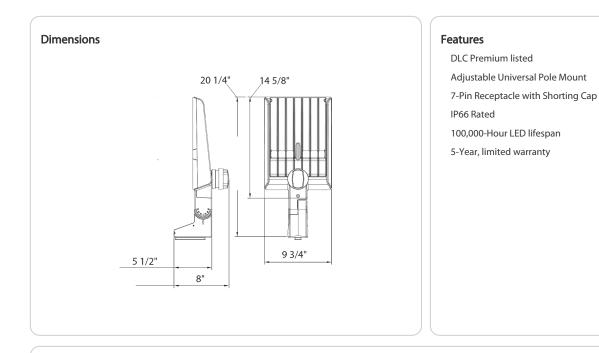
## 5 Yr Limited Warranty:

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.

# A22-70W



# **Ordering Matrix**

Family	Optics	Wattages	Mounting	Color Temp	Finish	Voltage	Options
A22 –		70			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	<b>Blank =</b> 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