

# **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-H8LQVM

# 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, 120-277V, 50/60 Hz: 320W: 120V: 2.66A, 208V: 1.53A, 240V: 1.33A, 277V: 1.15A 280W: 120V: 2.33A, 208V: 1.34A, 240V: 1.16A, 277V: 1.01A 250W: 120V: 2.08A, 208V: 1.2A, 240V: 1.04A, 277V:

0.9A

#### **Dimming Driver:**

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

#### THD:

4.11% at 120V, 6.75% at 277V

**Power Factor:** 

99.9% at 120V, 97.8% 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

# A22-5T320B

# **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 5 320W: B5 U0 G4 280W: B5 U0 G4 250W: B5 U0 G3

### Other

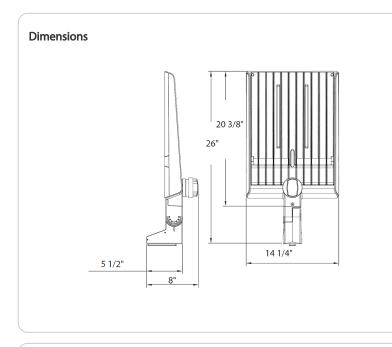
### 5 Yr Limited Warranty:

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 <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.

# A22-5T320B



# 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 Matrix**

Family	Optics	Wattages	Mounting	Color Temp	Finish	Voltage	Options
A22 –	5T	320			В		
	2T = Type II 4T = Type IV 5T = Type V Blank = Type III	<b>70</b> = 70/60/50W <b>100</b> = 100/80/60W <b>150</b> = 150/120/100W <b>200</b> = 200/180/160W <b>320</b> = 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