# A22-320B/480

# RAB



Project: Prepared By:		Type: Date:		
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	35,187-44,883 lm	
		Efficacy	133.4-161.1 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

#### 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-74HJ4W

# 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

#### Dimming Driver:

250W: 480V: 0.52A

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 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: 0.4
- 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 3 320W: B4 U0 G4 280W: B4 U0 G4 250W: B4 U0 G4

## Other

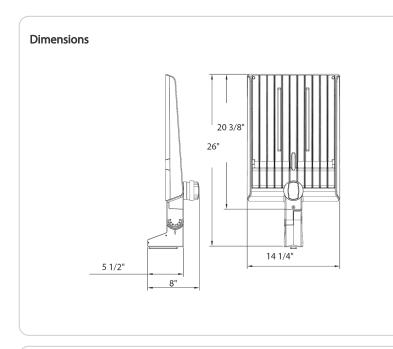
## 5 Yr Limited Warranty:

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.

# A22-320B/480



# 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 Op	tics Wattages	Mounting	Color Temp	Finish	Voltage	Options
A22 –	320			В	/480	
2T =   4T =     5T =   	100 = 100/80/60W   Type 150 = 150/120/100W   V 200 = 200/180/160W   Type 320 = 320/280/250W   / hk =		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