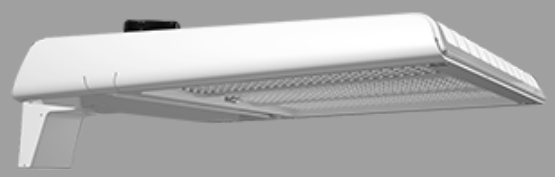
A22-4T320W/480



Color: White

Weight: 15.8 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	239.8-303.4W

LED Info

Watts	320/280/250W
Color Temp	3000/4000/5000K
Color Accuracy	80-84 CRI
L70 Lifespan	100,000 Hours
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 4 ft (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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Performance

Lifespan:
100,000-Hour LED lifespan based on IESlm-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:
6 kV

Optical

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°.

BUG Rating:
Type 4
320W: B4 U0 G4
280W: B4 U0 G4
250W: B4 U0 G4

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.

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Technical Specifications (continued)

Construction

Cold Weather Starting:
The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:
Suitable for use in up to 104°F (40°C)

Lens:
Polycarbonate lens

Housing:
Die-cast aluminum

Effective Projected Area (EPA):
1 Fixture: 0.4
2 Fixtures: 0.8
3 Fixtures: 1.6
4 Fixtures: 1.6

Finish:
Formulated for high durability and long-lasting color

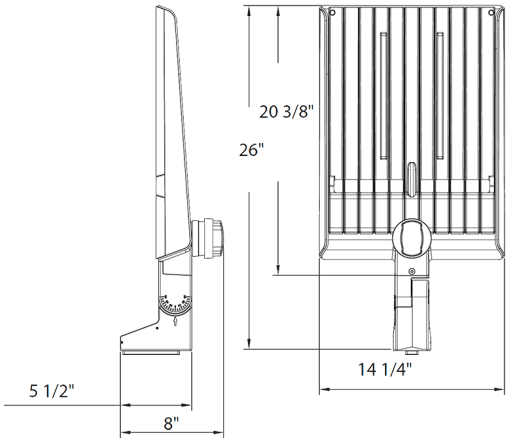
Gaskets:
High-temperature silicone gaskets

Green Technology:
Mercury and UV free. RoHS-compliant components.

Other

5-Year 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 rablighting.com/warranty.

Dimensions



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

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Ordering Matrix

Family		Optics	Wattage	Mounting	Color Temp	Finish	Driver	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 =** Universal Non-Adjustable Pole Mount	**Blank =** 3000/4000/5000K CCT Adjustable **Y =** 3000K	**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 Motion Sensor **/LCBS =** Lightcloud Blue w/PIR Sensor **/LCBS/MVS =** Lightcloud Blue w/MVS Sensor

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