A22-5T320YB

RAB

Project:	Type:
Prepared By:	Date:

Color: Black   Weight: 15.8 lbs

Driver Info

Type	Constant
120V	2.66A/2.33A/2.08A
208V	1.53A/1.34A/1.20A
240V	1.33A/1.16A/1.04A
277V	1.15A/1.01A/0.90A
Input Watts	306.8/277.1/246.8W

LED Info

Watts	320/280/250W
Color Temp	3000K
Color Accuracy	82 CRI
L70 Lifespan	100,000 Hours
Lumens	43,880/40,601/36,981 lm
Efficacy	143/146.5/149.8 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
320W/280W/250W (factory default: 320W)

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-T58GNF

LUNA:
This product has received the Design Lights Consortium's LUNA listing for 3000K Models. Designed to meet LUNA 5.1 requirements.
LUNA Product Code: S-T58GNF

Performance

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

THD:
4.66% at 120V, 7.28% at 277V

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%.

Power Factor:
99.9% at 120V, 97.9% 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

Technical Specifications (continued)

Effective Projected Area:
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.

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.

Installation

Mounting:
Non-Adjustable universal pole mount

Optical

BUG Rating:
Type 5
320W: B5 U0 G4
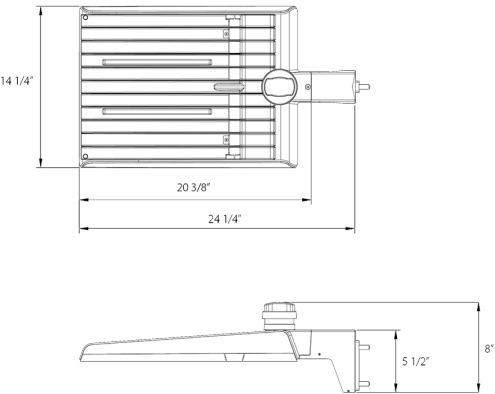280W: B4 U0 G4
250W: B4 U0 G3

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 rablighting.com/warranty.

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.

RAB

Dimensions

14 1/4"
20 3/8"
24 1/4"
5 1/2"
8"

Features

- DLC Premium listed
- Luna Listed
- Non-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	Wattage	Mounting	Color Temp	Finish	Driver	Options
A22	–	5T	320	Blank	Y	B		
		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

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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