SLIM22-M-100/E

RAB®

Color: Bronze   Weight: 11.0 lbs

Project:		Type:
Prepared By:		Date:

Driver Info

Type	Constant
120V	0.94A
208V	0.56A
240V	0.51A
277V	0.46A
Input Watts	48.2-103.2W

LED Info

Watts	100/85/70/50W
Color Temp	3000/4000/5000K
Color Accuracy	83-86 CRI
L70 Lifespan	100,000 Hours
Lumens	7,219-14,382 lm
Efficacy	123.1-169.3 lm/W

Technical Specifications

Field Adjustability

Optical Field Adjustability:
45°, 30°, 15° and 0° (factory default 0°)

Field Adjustable:
Field Adjustable Light Output:
100W/85W/70W/50W (factory default 100W)
Color Temperature Selectable:
3000K, 4000K and 5000K (factory default 4000K)

Performance

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

Wattage Equivalency:
100W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)
85W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)
70W: Replaces up to 400W Metal Halide (MH) or 250W High Pressure Sodium (HPS)
50W: Replaces up to 350W Metal Halide (MH) or 200W High Pressure Sodium (HPS)

LED Characteristics

LEDs:
Edge-lit long-life, high-efficacy, surface-mount LEDs; binned and mixed for uniform light output and color.

Electrical

Driver:
100W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.94A, 208V: 0.56A, 240V: 0.51A, 277V: 0.46A
85W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.80A, 208V: 0.48A, 240V: 0.43A, 277V: 0.40A
70W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.66A, 208V: 0.39A, 240V: 0.36A, 277V: 0.35A
50W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.47A, 208V: 0.30A, 240V: 0.28A, 277V: 0.26A

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

THD:
100W: 3.12% at 120V, 5.81% at 277V
85W: 3.23% at 120V, 6.81% at 277V
70W: 3.43% at 120V, 8.85% at 277V
50W: 3.92% at 120V, 14.72% at 277V

Power Factor:
100W: 99.8% at 120V, 94.9% at 277V
85W: 99.7% at 120V, 93.6% at 277V
70W: 99.6% at 120V, 91.5% at 277V
50W: 99.2% at 120V, 83.3% at 277V

Aux Power Supply:
Yes

Dim to Off:
Yes

Photocell:
120-277V selectable photocell that can be turned on and off.

Battery Backup:
Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Battery Backup Light Loss Factor:
16%

Surge Protection:
DM(L/N): 6KV, CM(L/N-PE): 6KV

Construction

Cold Weather Starting:
The minimum starting temperature is 0°C (32°F)

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

Housing:
Die-cast aluminum

Technical Specifications (continued)

Lens:
Polycarbonate lens

Gaskets:
High-temperature silicone

Finish:
Formulated for high durability and long-lasting color

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

Compliance

UL Listed:
Suitable for wet locations

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 IP65 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-N7LBHX

Installation

Mounting:
Hinged wiring access and conduit entries on the back, sides, top and bottom make installation a snap

Optical

BUG Rating:
100W: B3 U0 G2
85W: B3 U0 G2
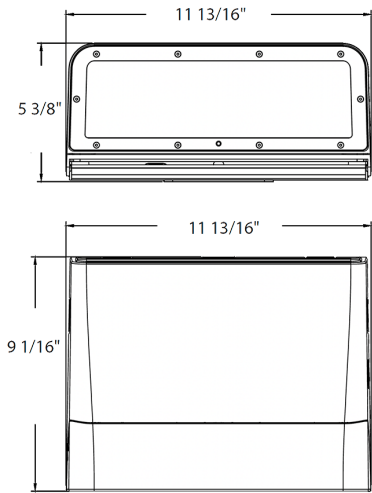70W: B3 U0 G2
50W: B3 U0 G1

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
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.

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RAB

Dimensions

11 13/16"

5 3/8"

11 13/16"

9 1/16"

Features

- DLC Premium listed
- 0-10V dimming standard
- 100,000-hour LED Life
- 5-Year, limited warranty

Ordering Matrix

Family		Housing Size		Wattage	Color Temp	Finish	Forward Throw	Driver	Options
SLIM22	–	M	–	100					/E
		S = Small **M =** Medium **L =** Large		**30 =** 30/25/20/15W **60 =** 60/50/40/30W **100 =** 100/85/70/50W **150 =** 150/125/100/75W	**Blank =** 3000/4000/5000K CCT Adjustable	**Blank =** Bronze **W =** White	**Blank =** Adjustable Throw 0°/15°/30°/45°	**Blank =** 120-277V, 0-10V **/480 =** 480V, 0-10V Dimming	**Blank =** Selectable Photocell **/E =** Selectable Photocell w/Battery Backup

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

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