STRP4H/E

RAB

Project:	Type:
Prepared By:	Date:

Color: White   Weight: 6.0 lbs

Driver Info

Type	Constant Current
120V	0.15A/0.16A/0.23A/0.24A/0.31A/0.32A
208V	0.11A/0.14A/0.18A
240V	0.09A/0.12A/0.16A
277V	0.08A/0.11A/0.14A
Input Watts	18.7-38.1W

LED Info

Watts	40/30/20W
Color Temp	3500K/4000K/5000K
Color Accuracy	84-85 CRI
L70 Lifespan	100,000 Hours
Lumens	2924-5815 lm
Efficacy	146.8-160.8 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
40/30/20W (factory default 20W)
Color temperature selectable by 3500/4000/5000 (factory default 4000K)

Compliance

UL Listed:
Suitable for damp locations

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNAlm-79 andlm-80.

CCEA Compliant:
Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-X0GP4X

LED Characteristics

LEDs:
Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:
4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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.

Performance

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

Electrical

Driver:
Constant Current, Class 2, 120-277V, 50/60 Hz:
40W: 120V: 0.333A, 208V: 0.192A, 240V: 0.167A, 277V: 0.144A
30W: 120V: 0.250A, 208V: 0.144A, 240V: 0.125A, 277V: 0.108A
20W: 120V: 0.167A, 208V: 0.096A, 240V: 0.083A, 277V: 0.072A

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

THD:
9.82% at 120V, 6.68% at 277V

Power Factor:
99.3% at 120V, 95.3% at 277V

Aux Power Supply:
Yes

Dim to Off:
Yes

Surge Protection:
DM: 1 kV
CM: 2 kV

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

Battery Backup Light Loss Factor:
40W: 10%
30W: 13.3%
20W: 20%

Technical Specifications (continued)

Construction

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

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

Lens:
Polycarbonate lens

Housing:
Metal

Reflector:
Metal

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

Installation

Mounting:
Surface mounting standard. V-Hooks and Chain mounting available (ordered separately, SR VHOOK KIT).

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.

Ordering Matrix

Family	Size/Wattage	Color Temp	Finish	Driver	Controls	Battery Backup
STRP	4H					/E

Size/Wattage	Color Temp	Finish	Driver	Controls	Battery Backup
2 = 2 ft, 10/8/6W **2H =** 2 ft, 20/15/10W **4 =** 4 ft, 20/15/10W **4H =** 4 ft, 40/30/20W	**Blank =** 3500/4000/5000K CCT Adjustable	**Blank =** White	**Blank =** 120-277V, 0-10V Dimming	**Blank =** None **/MVS =** Microwave Occupancy Sensor **/PIR =** Passive Infrared Occupancy Sensor **/LCBS =** Lightcloud Blue w/PIR Sensor **/LCBS/MVS =** Lightcloud Blue w/MVS Sensor	**Blank =** None **/E =** Battery Backup [1]

[1] *Only available for 4 ft models*