SWISH2X4/MVS/E

RAB®

Color: White   Weight: 11.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.36A/0.28A/0.21A
208V	0.21A/0.16A/0.12A
240V	0.18A/0.14A/0.11A
277V	0.16A/0.13A/0.10A
Input Watts	24.9-42.5W

LED Info

Watts	44/35/26W
Color Temp	3500K/4000K/5000K
Color Accuracy	82-83 CRI
L70 Lifespan	100,000 Hours
Lumens	3681-6047 lm
Efficacy	137.8-150.8 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
44/35/26W (factory default 44W)
Color Temperature Adjustable:
3500K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:
Suitable for dry and 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.

IP Rating:
IP20

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-1Y204R

Electrical

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

Surge Protection:
2 kV L-L, 2 kV L/N-G

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

Construction

Cold Weather Starting:
Minimum starting temperature is 5°C (41°F)

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

Lens:
Diffused Polymethyl Methacrylate (PMMA)

Housing:
Cold Rolled Carbon Steel Sheets and Strip (SPCC)

Size:
2'x4'

Finish:
Formulated for high durability and long-lasting color

LED Characteristics

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

Performance

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

Sensor Settings

Capacitance Load:
400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

Operating Temperature:
-4°F to +140°F(-20°C to +60°C)

Relay:
Zero-cross relay

Maximum Mounting Height:
16.4 ft

Customizable Detection Area:
10, 50, 75 or 100%

Time Delay:
5s, 30s, 1min, 5min, 10min, 20min, 30min

RAB

Technical Specifications (continued)

Cut Off Period:
0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

Cut-Off Dimming level:
10, 20, 30, 50%

Cut-Off Power:
Less than 1W

Daylight Threshold:
Disable/400Lux/350Lux/300Lux/250Lux/200Lux/120 Lux/ 80Lux/50Lux/30Lux/10Lux/2Lux

Sensor Principle:
High Frequency

Microwave Frequency:
5.8GHz +/- 75MHz

Microwave Power:
<0.3mW

Max Detection Range:
26 ft diameter at 16 ft mounting height
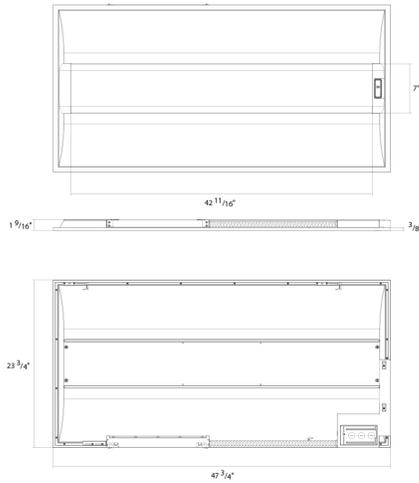
Detection Angle:
About 30 to 150 degrees

Remote Control Accessory:
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. Remote control available here.

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

42 11/16"
1 9/16"
3/8"
7"
23 3/4"
47 3/4"

Features

- 100,000-Hour LED lifespan
- DLC Premium Listed
- 5-Year, limited warranty

Ordering Matrix

Family	Size/Wattage	Color Temp	Driver	Controls	Battery Backup
SWISH	2X4			/MVS	/E

Size/Wattage:
2X2 = 2' x 2', 35/26/18W
1X4 = 1'.x 4', 35/26/18W
2X4 = 2' x 4', 44/35/26W

Color Temp:
Blank = 3500/4000/5000K

Driver:
Blank = 120-277V, 0-10V Dimming

Controls:
Blank = None
/PIR = Passive Infrared Occupancy Sensor
/MVS = Microwave Occupancy Sensor
/LCBS = Lightcloud Blue w/PIR Sensor
/LCBS/MVS = Lightcloud Blue w/MVS Sensor

Battery Backup:
Blank = None
/E = Battery Backup