

Aqua Slim Suspended Direct

Key Features

- Extruded aluminum single piece housing with no visible fasteners
- Soft diffuse direct lighting
- Continuous lensing standard – runs up to 200'
- Light levels can be factory set
- 0-10V dimming to 1% is standard
- Efficacy up to 130 lm/W
- Wet Location Rated



Specifications

Construction

- Continuous extruded 6063 T5 aluminum
- Mechanically attached end caps with no exposed fasteners enhance architectural aesthetic and prevent light leak.

Dimensions

- Nominal dimensions: 2.0" x 3.0"

Finish

- Powder coated
- Colors: White, Black, Silver, Bronze or Premium Finishes
- End Caps: Color-matched to housing
- Custom colors available. Consult factory for more information.

Luminaire Length

- Standard individual lengths: 2', 4', 6' or 8'
- Fixture and run lengths are available in 1/16" increments.
- Using internal joiners, sections can be joined to form longer, continuous rows.

Source

- CCT options: 2700K, 3000K, 3500K, 4000K, or 5000K
- All within 3 MacAdam ellipses
- 90 CRI (R9 50 min) available

Lensing

- 0.080" thick impact resistant acrylic lens
- Soft diffuse direct lighting

Operating Temperature

- -40°C to 50°C (-40°F to 122°F)

Lithium Ion Battery

- Provides up to 720 lm (6W) or up to 1200 lm (10W) for 90 minutes.
- Certifications: UL924 listed, Class 2 compliant, and Title 20 CEC (California Energy Commission) compliant

Dimming Driver

- Constant current programmable LED driver
- Output current: 0-10V, dim to 1% (UL listed, Class P)
- Ring wave surge protection: 2.5KV ring
- Power factor: >0.90

Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus Listed
- RoHS (Restriction of Hazardous Substances)
- JA8 compliant
- Suitable for wet locations

Packaging

- Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

Warranty

- 5-year limited warranty



Ordering Logic

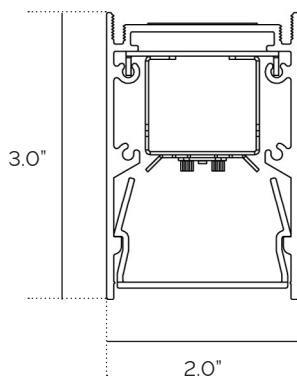
SAQUAD-8-1000-SD-35K-80-PW-STEMW18-U-1C-1EMB10

Series	Length	Direct Output ¹	Direct Distribution	CCT	CRI
SAQUAD					
	XX - Run Length	250 - 250 LPF	SD - SatinIce Diffuse	27K - 2700K	80 - 80 CRI
	SXX - Symmetrical Run Length	500 - 500 LPF	WW - Wall Wash	30K - 3000K	90 - 90 CRI (R9 50 min)
		750 - 750 LPF		35K - 3500K	
		1000 - 1000 LPF		40K - 4000K	
	XXX - Custom LPF			50K - 5000K	
Finish ²	Mounting	Voltage	Circuiting	Emergency	Options
		U			
Standard Powder Coat	STEMWXX - XX" White Stem	U - 120-277V	1C - Single Circuit	BLANK - None	SRG - Surge Protector
PW - White	STEMBXX - XX" Black Stem		MC - Multiple Circuits ^{3,4}	EC - Emergency Circuit ⁵	MLR - Large Range Motion Sensor ⁹
PB - Black				#EMB10 - 10W EM Battery ^{6,7,8}	
PS - Silver					
PBR - Bronze					
Premium					
RALXXXX - Powder Coat Gloss Finish					
PSFX - Premium Stock Finish					
Custom Powder Coat					
PO - Powder Other					

Ordering Notes

1. 200 LPF min. output / 1500 LPF max. output.
2. See page 3 for standard and premium options.
3. Customer to specify number of zones and locations through factory submittal drawings.
4. Multiple low and line control zones.
5. Separate power, transfer devices provided by others.
6. '#' indicates number per run.
7. Provided by Iota/Bodine.
8. Not available with 2' fixtures.
9. Motion sensor option removes the ability to dim.

Dimensions



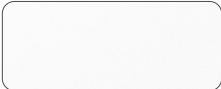
Lumen Packages

Length	Lumens	Input Wattage	LPW
4'	3000	29	104
8'	6000	56	107

NOTE: Based on 3500K CCT. Other CCT available.

Finishes

Standard


PW: White


PB: Black


PS: Silver

Premium Stock


PSF001: Wood 1


PSF002: Wood 2


PSF003: Wood 3


PSF004: Wood 4


PSF005: Wood 5


PSF006: Wood 6


PSF007: Stone 1

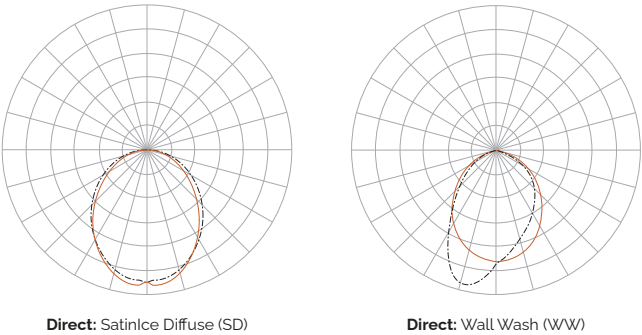

PSF008: Stone 2


PSF009: Stone 3

NOTE: A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

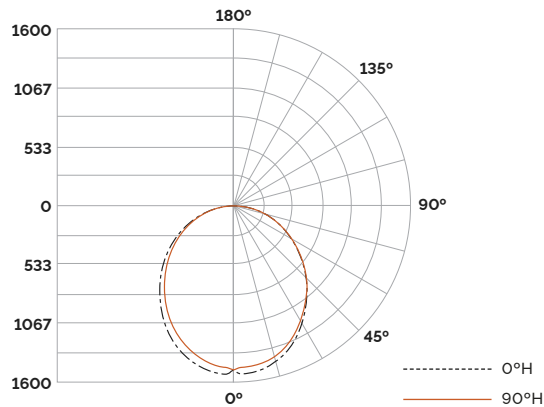
All other custom finishes (PO) will incur a set up fee and will add an extended lead time to your project.

Distribution



Performance

AQUA-X-1000-SD (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	4000	35	115
	8'	8000	67	119
3500K	4'	4000	34	118
	8'	8000	65	122
4000K	4'	4000	33	121
	8'	8000	64	125
5000K	4'	4000	32	126
	8'	8000	62	130

Row Configurations

XX (Run Length)

The standard construction of run lengths follows the logic of the table below. Consult factory for additional information. Run lengths always start with the longest fixture and receives the power feed.

NOTE: Fixtures in continuous runs are available in 6" increments. Consult factory for smaller increments.

Total Length (Feet)	# of Sections						
	2	3	4	5	6	7	8
2	1						
3		1					
4			1				
5				1			
6					1		
7						1	
8							1
9			1	1			
10			1		1		
11		1					1
12			1				1
13				1			1
14					1		1
15						1	1
16							2
17			1	1			1
18			1		1		1
19		1					2
20			1				2
21				1			2
22					1		2
23						1	2
24							3
25			1	1			2
26			1		1		2
27		1					3
28			1				3
29				1			3
30					1		3
31						1	3
32							4
33			1	1			3
34			1		1		3
35		1					4
36			1				4
37				1			4
38					1		4
39						1	4
40							5

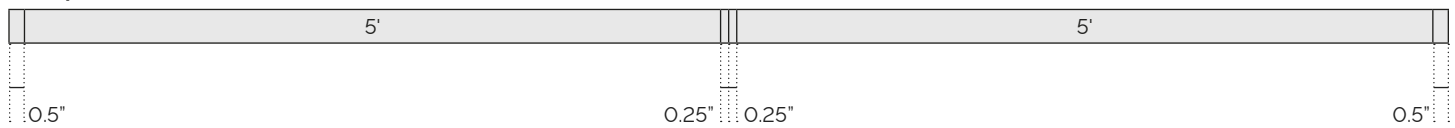
Row Configurations

SXX (Symmetric Run)

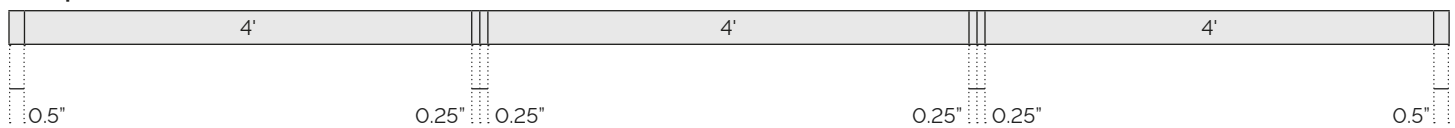
The construction of SXX (Y) is to build with equal length fixtures. The XX indicates the run length. The Y indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order.

NOTE: Each fixture has two end caps; starting end cap is .5" and the joining endcap is .25" (the space between fixtures is .5" total) so the actual length differs from the ordered length. Please make note of the Total Length Formula (Run length = ordered length + 1" + (Fixture joint# (* .5)) and refer to examples below.

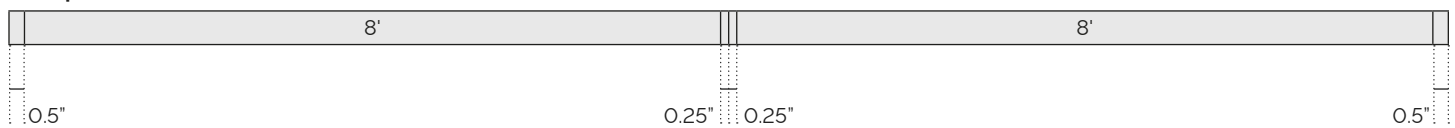
Example S10: $10 + 1" + (1 (*0.5)) = 10' 1.5"$ total run



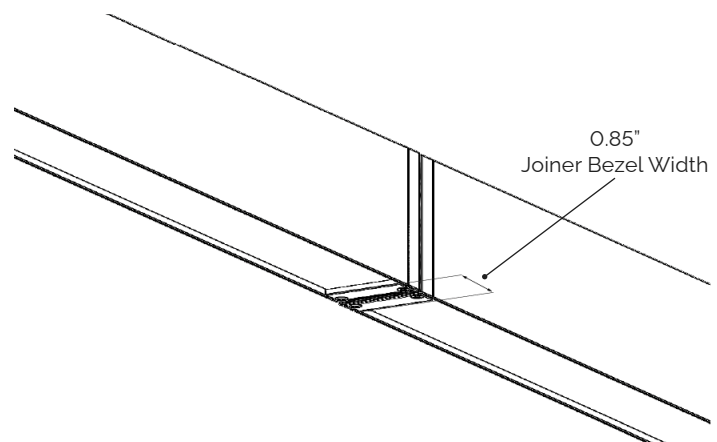
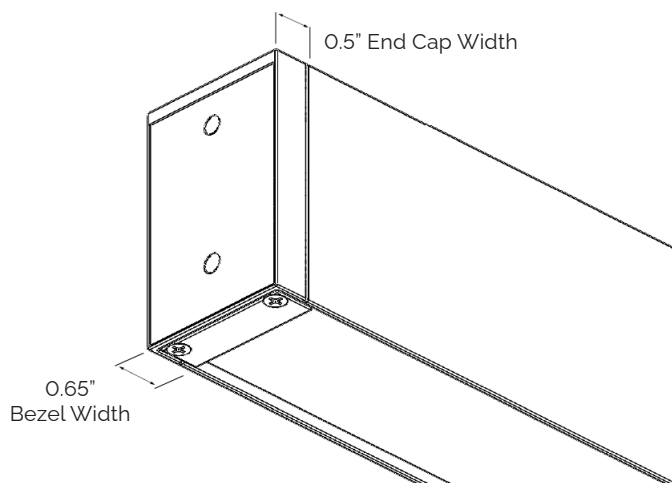
Example S12: $12 + 1" + (2 (*0.5)) = 12' 2"$ total run



Example S16: $16 + 1" + (1 (*0.5)) = 16' 1.5"$ total run

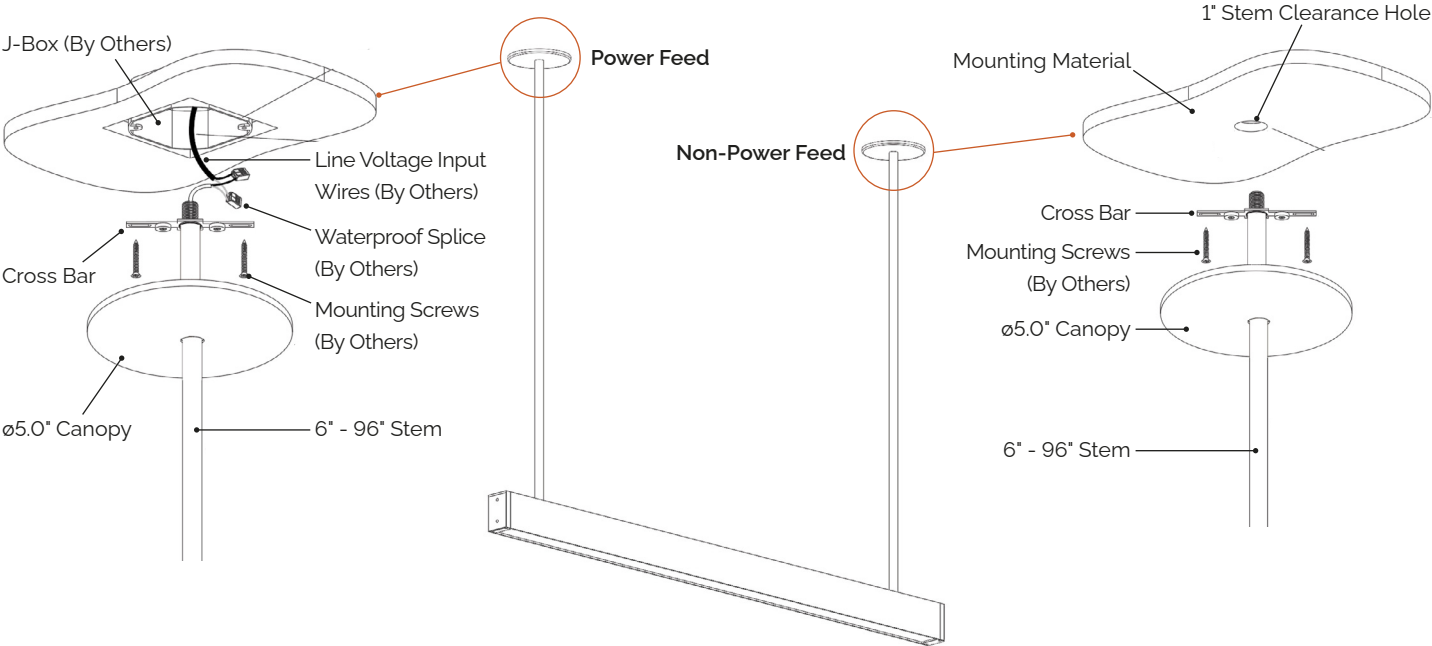


Linking



Mounting

STEMXX (Stem Mount)



Wiring Diagram

Wiring configurations are dependent on the options chosen. Below are a few examples of our standard wiring that is used to power the fixture.

This wiring diagram is showing a standard set of wires for a basic fixture.

Wiring		Hot (Black)
High Voltage	Low Voltage	
18 GA		Neutral (White)
H = Hot	+D(V) = +Dimming	Ground (Green)
N = Neutral	-D(G) = -Dimming	+Dimming (Violet)
GND = Ground	2864	-Dimming (Pink)

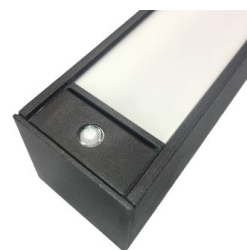
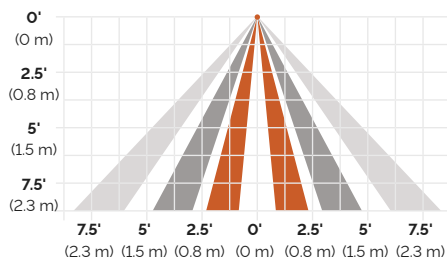
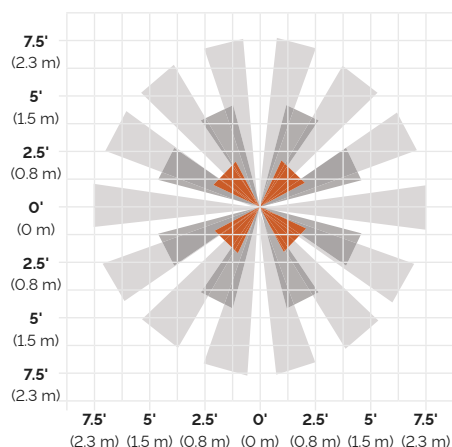
This wiring diagram is showing a set of wires for a fixture with a emergency battery.

Wiring		Switched (Black)
High Voltage	Low Voltage	
18 GA		Neutral (White)
H = Hot	+D(V) = +Dimming	Ground (Green)
N = Neutral	-D(G) = -Dimming	Unswitched (Red)
U = Unswitched	-	+Dimming (Violet)
GND = Ground	-	-Dimming (Pink)

Controls

Sensor

Wattstopper FS-205 v2 Low Voltage PIR. Integrated photosensor for hold-off daylighting control. 24VDC operating voltage. Adjustable time delay (30 seconds to 30 minutes).



Wireless Node

