

AQX SLIM

Made for train stations, subway entrances, pools and building canopies, AQX SLIM is an IP65 and IK08 architectural linear for wet areas not fully exposed to outdoor conditions. 4ft, 6ft and 8ft, surface or suspended, standalone or in a continuous run.

Train Stations

Subway Entrances

Above Pools

Building Canopies



Project Information

Type: _____ Date: _____
 Project: _____
 Catalog #: _____
 Notes: _____



Key Specifications

Electrical

Input voltage	120-277V
Power factor	>0.9
THD	<20%
Dimming	0-10V dimming
Power	31W · 46W · 61W

Optical

Efficacy	~85-90lm/W
CRI	90
CCT	3000K · 3500K · 4000K
Distribution	108°

Physical

Lengths	4ft · 6ft · 8ft
Aperture	2in
Optics	Polycarbonate lens
Protection	IP65 · IK08
Finish	Black · White · Silver
Mounting	Surface · Suspended · Continuous
Ambient	-20°C to 40°C

Certifications

Listings	5-Yr Warranty · cETLus · RoHS
Lumen maintenance	L80 at 50000h

System Warranty

5 years

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L80 at 50000h

Rated for 80% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-SF-AQXS

Catalog #:

01 FIXTURE FAMILY



AE-SF-AQXS

ERALUX AQXS linear architectural fixture · 120-277V input voltage

02 LENGTH | POWER

-4-31

4ft · 31W · 2936lm

-6-46

6ft · 46W · 4404lm

-8-61

8ft · 61W · 5872lm

03 CCT



-30

3000K



-35

3500K



-40

4000K

04 POWER CORD

-S

6ft power cord included

05 FINISH



-WH

White



-BK

Black



-SV

Silver

06 MOUNTING

-AIR

Suspended ¹

-SMT

Surface mount

-AIR-LINK

Suspended continuous ²

-SMT-LINK

Surface mount continuous

1. Fixture comes with 6ft power cord by default, two 6ft aircraft cables and two canopies.

2. Fixture comes with 6ft power cord by default, Y-shaped connection cable, two waterproof cable connectors, one canopy and one mechanical link.

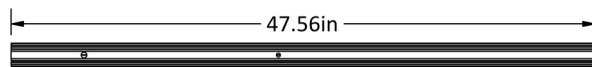
CAUTION Maximum of 330W per electrical drop.

[Install Instruction link](#)

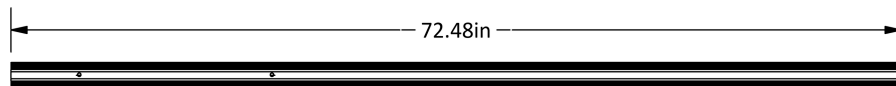
Dimensions

Top view

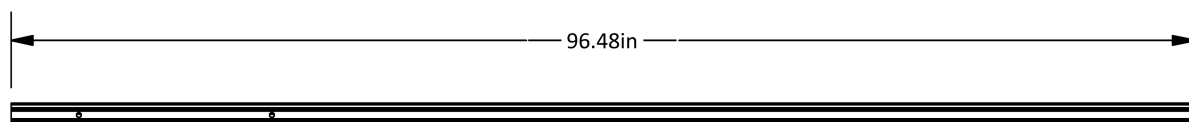
4ft



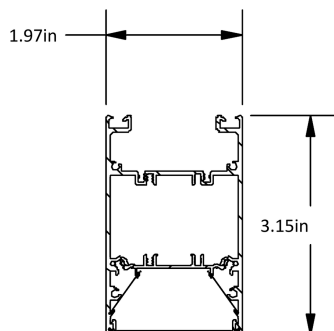
6ft



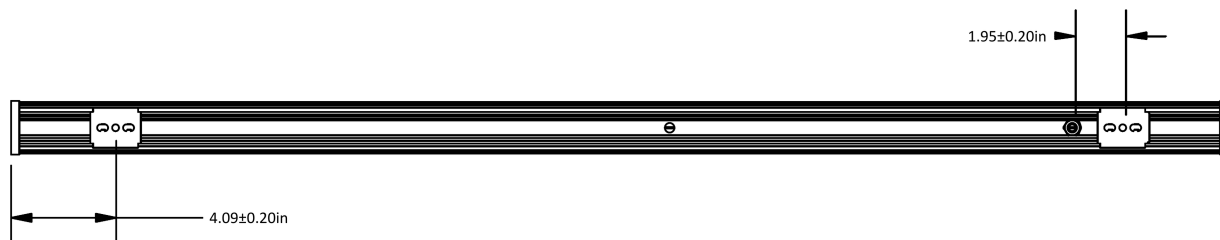
8ft



Side view



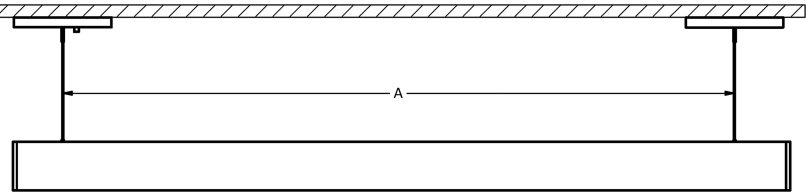
Drilling pattern for surface mount



NOTES Same distance is applied on all AQXS sizes.

Dimensions - Mounting

Drilling pattern for suspended mount



SIZE	A
4ft	36.69±0.39in
6ft	52.53±0.39in
8ft	78.74±0.39in

Accessories

For stand alone



AE-SF-AQXS-L-PTB-PF2-6-D
Suspension mount kit
Canopy with 2 holes · 6ft suspension wire



AE-SF-AQXS-L-PTB-NPF-6-D
Suspension mount kit
Canopy with 1 hole · 6ft suspension wire



AE-SF-AQXS-SMK
Surface mount bracket

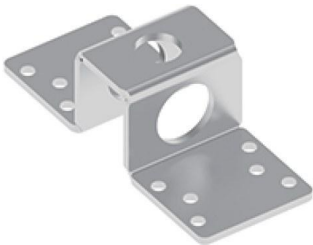
For continuous run



AE-SF-AQXS-BV-MV20-5
5-pin dimmable waterproof cable connector



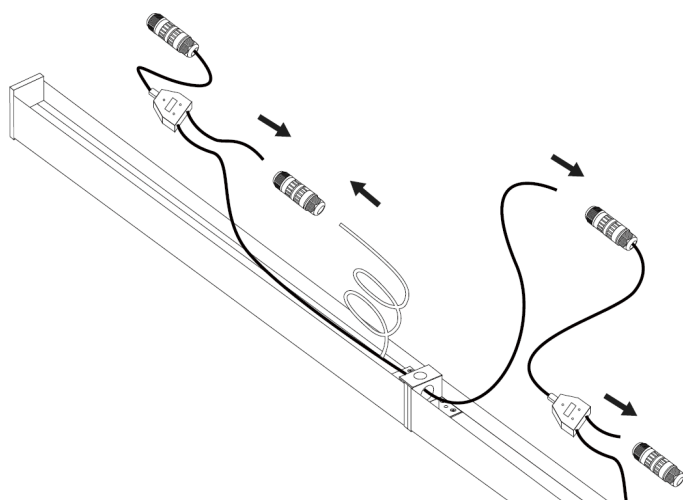
AE-SF-AQXS-L-CH-IP24-5
8ft 5-pin Y-shaped connection cable



AE-SF-AQXS-LINK
Linkable metal accessory
For continuous runs

Continuous Runs Installation

Electrical connection



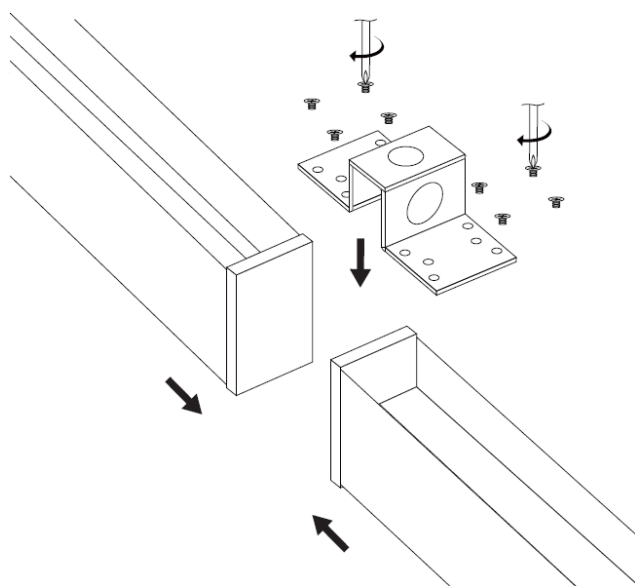
NOTES

- #1 Connection cable for every connection
- #2 Dimmable waterproof connector per cable

Components



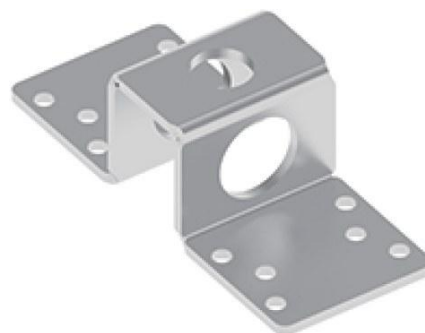
Mechanical connection



NOTES

- Easily installed.
- No need to remove endcaps.
- One link is needed per connection.

Components



Photometric Data

Lumen Estimate

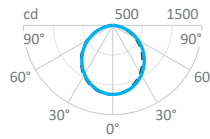
Lumen output varies based on CCT and CRI. For an estimate of the lumen output of the various CCT/CRI combinations, use the correction factors below - Premium (90CRI):

3000K $\times 0.94$ 3500K $\times 0.97$ 4000K $\times 1$

AE-SF-AQXS-4-31

4ft • 31W • 4000K

		ZONE	LUMENS	% FIXTURE
		0-20°	421.01	13.29
Wattage	32.1W	0-30°	886.27	27.99
CCT	4000K	0-40°	1437.69	45.40
Distribution	108°	0-60°	2501.04	78.98
Length	4ft	0-80°	3086.16	97.46
		0-90°	3140.63	99.18

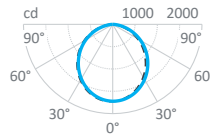


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	402	4.7ft 4.6ft
3.3ft	107	9.2ft 8.9ft
5.0ft	46.4	13.9ft 13.5ft
6.7ft	25.9	18.6ft 18.1ft
8.3ft	16.9	23.1ft 22.4ft
10.0ft	11.6	27.8ft 27.0ft
Vert. spread		108.5°
Horiz. spread		106.9°

AE-SF-AQXS-6-46

6ft • 46W • 4000K

		ZONE	LUMENS	% FIXTURE
		0-20°	624.72	13.29
Wattage	46W	0-30°	1315.12	27.99
CCT	4000K	0-40°	2133.36	45.40
Distribution	108°	0-60°	3711.25	78.98
Length	6ft	0-80°	4579.50	97.46
		0-90°	4660.32	99.18

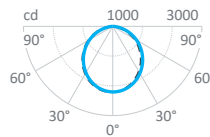


DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	596	4.7ft 4.6ft
3.3ft	158	9.2ft 8.9ft
5.0ft	68.9	13.9ft 13.5ft
6.7ft	38.4	18.6ft 18.1ft
8.3ft	25.0	23.1ft 22.4ft
10.0ft	17.2	27.8ft 27.0ft
Vert. spread		108.5°
Horiz. spread		106.9°

AE-SF-AQXS-8-61

8ft • 61W • 4000K

		ZONE	LUMENS	% FIXTURE
		0-20°	799.41	13.29
Wattage	61W	0-30°	1682.87	27.99
CCT	4000K	0-40°	2729.91	45.40
Distribution	108°	0-60°	4749.03	78.98
Length	8ft	0-80°	5860.07	97.46
		0-90°	5963.49	99.18



DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	763	4.7ft 4.6ft
3.3ft	202	9.2ft 8.9ft
5.0ft	88.2	13.9ft 13.5ft
6.7ft	49.1	18.6ft 18.1ft
8.3ft	32.0	23.1ft 22.4ft
10.0ft	22.0	27.8ft 27.0ft
Vert. spread		108.5°
Horiz. spread		106.9°