

AQX

Rugged enough for train stations, subway entrances and pools, AQX is an IP66 and IK10 architectural linear for wet areas not fully exposed to outdoor conditions. 4ft 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	45W · 90W

Optical

Efficacy	~111lm/W · ~1280lm/ft
CRI	80 CRI
CCT	3000K · 3500K · 4000K
Distribution	106°
Aperture	3.5in

Physical

Lengths	4ft · 8ft
Mounting	Surface · Suspended
Finish	Black · White
Lens	Polycarbonate
Housing	Aluminum
Protection	IP66 · IK10
Ambient	-30°C to 45°C
Accessories	Mounting kits

Certifications

Listings	3-Yr Warranty · cETLus · RoHS
Lumen maintenance	L70 at 30000h

System Warranty

3 years

Eralux will warrant defective drivers, LEDs and boards for 3 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

L70 at 30000h

Rated for 70% initial lumen output at 30000h 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-AQX

Catalog #:

01 FIXTURE FAMILY



AE-SF-AQX

ERALUX AQX linear IP66 architectural fixture · 120-277V

02 LENGTH | POWER

-4-45

4ft · 45W · 5150lm

-8-90

8ft · 90W · 10300lm

03 CCT



-30
3000K



-35
3500K



-40
4000K

04 POWER CORD

-S

7ft power cord
included

05 FINISH



-WH
White



-BK
Black

Notes 1. Fixture comes with a 7ft power cord; mounting is not included. Need to add mounting kits separately.

Caution Maximum of 600W for continuous runs.

Mounting Kits (ordered separately)

[RESET](#)

SF-AQX

Catalog #:

01 ACCESSORY FAMILY



SF-AQX

AQX mounting kits

02 MOUNTING KIT

-SMT-KIT

Surface mount kit

-AIR-KIT

Suspended mount kit

-SMTLINK-KIT

Surface mount kit · continuous run

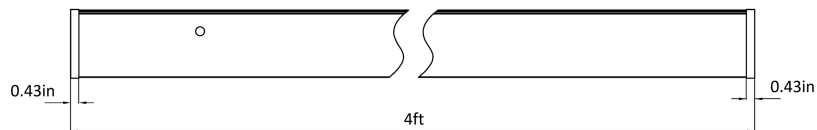
-AIRLINK-KIT

Suspended mount kit · continuous run

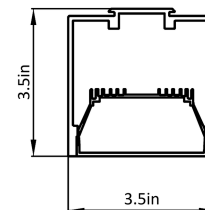
Dimensions - Mounting

Dimensions

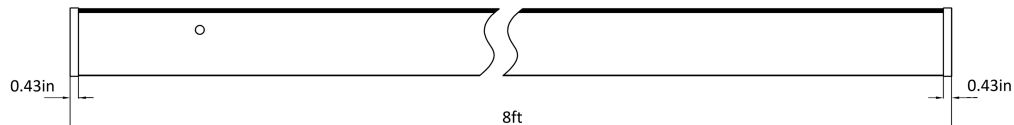
4ft · top view



Side view

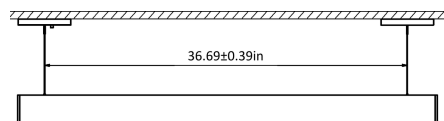


8ft · top view

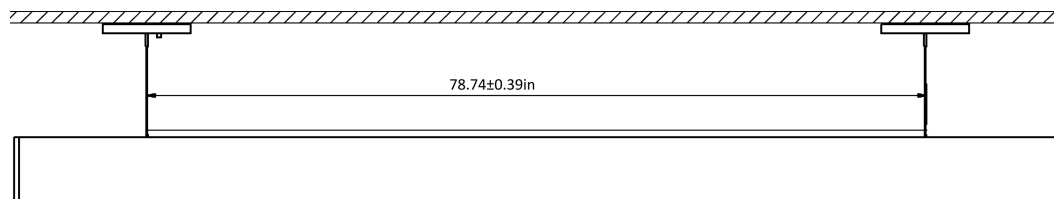


Drilling Pattern for Suspended Mount

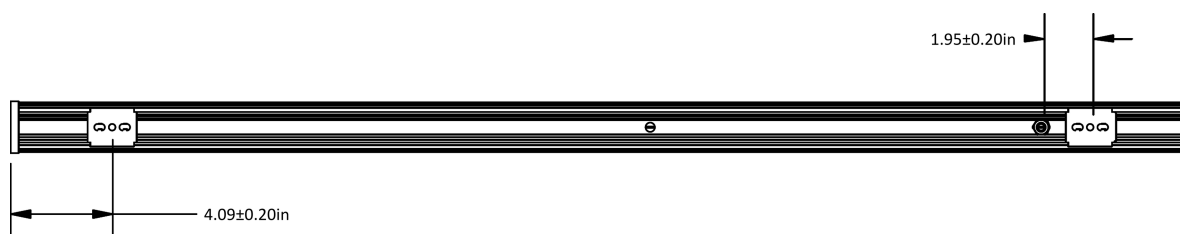
4ft



8ft



Drilling Pattern for Surface Mount



Notes Same distance is applied on all AQX sizes. Installation instructions: [Install instruction link](#)

Mounting Accessories

Surface Mount Kit

Order code	SF-AQX-SMT-KIT
Description	Power Cord · Surface Mount Bracket



Suspended Mount Kit

Order code	SF-AQX-AIR-KIT
Description	Power Cord



For Continuous Run

Surface Mount Kit

Order code	SF-AQX-SMTLINK-KIT
Description	Linking Cord · Surface Mount Bracket
	Linking Fixture



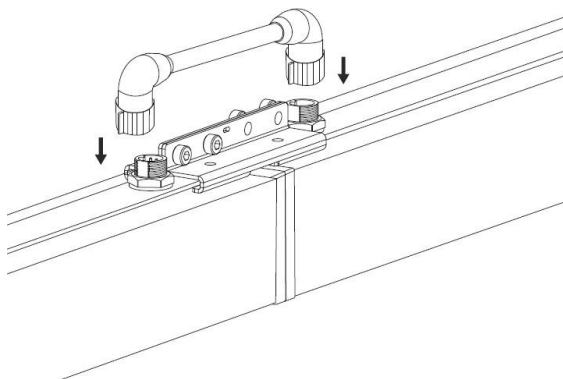
Suspended Mount Kit

Order code	SF-AQX-AIRLINK-KIT
Description	Linking Cord · Surface Mount Bracket
	Linking Fixture



Continuous Runs Installation

Electrical Connection



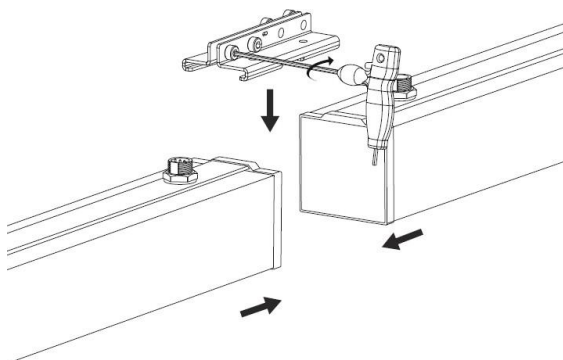
Note Connection cable for every connection.

Caution Maximum of 600W for linear runs.

Components

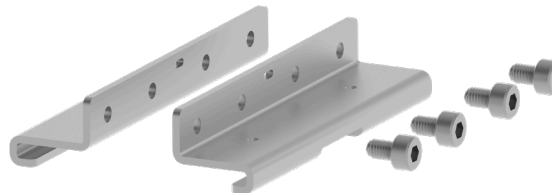


Mechanical Connection



Notes Easily installed. One link is needed per connection.

Components



Photometric Data

Lumen Estimate

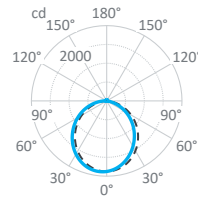
Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below.
Premium (80CRI):

3000K	× 0.94	3500K	× 0.97	4000K	× 1
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AE-SF-AQX-4-45-40-S-XX

4ft · 45W · 4000K

	ZONE	LUMENS	% FIXTURE
	0-20°	678.92	13.39
Wattage	44.6W	2309.50	45.54
CCT	4000K	3999.13	78.86
Distribution	106°	4926.39	97.15
Length	4ft	5023.06	99.05
	0-180°	5071.12	100.00



DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	649	4.5ft 4.6ft
3.3ft	172	8.6ft 8.9ft
5.0ft	75.0	13.1ft 13.5ft
6.7ft	41.8	17.6ft 18.1ft
8.3ft	27.2	21.7ft 22.4ft
10.0ft	18.7	26.2ft 27.0ft
Vert. spread		105.3°
Horiz. spread		107.0°