INDENT PRODUCT

AUQA LINEAR SYSTEM

INTERIOR   EXTERIOR

SERIES NUMBER: VL-SLL

LED WATTS	8W/m 304mm	MAX. RUN PER POWER FEED	10 metres
	16W/m 609mm		
	32W/m 1220mm	INGRESS PROTECTION	IP68
INPUT VOLTS	24V DC constant voltage	IK RATING	IK10
OPERATING TEMP.	-20°C ~ +50°C		

The AUQA Linear System comes as separate IP68 modules which can easily be connected via cables underneath for runs up to 10m.
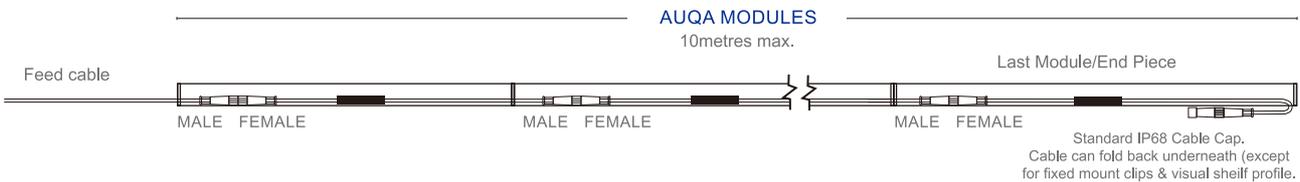
MODULE DIMENSIONS

23

32

304 / 609 / 1220mm

49.2

COMBINE LENGTHS FOR CLOSEST TOTAL LENGTH.
PROJECTS SHOULD HAVE PLAN OR TABLE OUTLINED LENGTHS.

CONNECTIONS

TYPICAL LAYOUT EXAMPLE

MODULES CAN BE USED SINGULAR OR INTER-CONNECTED VIA CONCEALED CABLES.

AUQA MODULES
10metres max.

Feed cable

Last Module/End Piece

MALE   FEMALE   MALE   FEMALE   MALE   FEMALE

Standard IP68 Cable Cap.
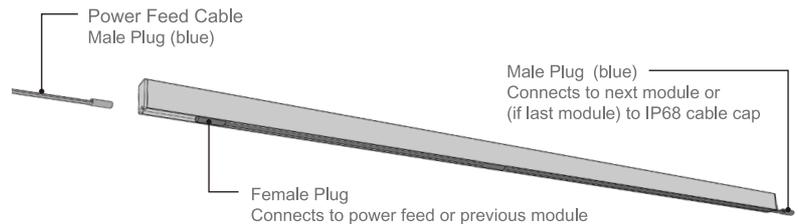Cable can fold back underneath (except for fixed mount clips & visual sheilf profile.

AUQA modules are designed for inter-connection in any order regardless of individual module length via female and male plugs.

Female plug: this connector cable is located underneath the module & can connect to either a power feed or to the previous module.

Male plug (blue): this connector cable extends out, it can connect to either the next module or to an IP67 cable cap if it's going to be the last module in a length.

Power Feed Cable
Male Plug (blue)

Male Plug (blue)
Connects to next module or
(if last module) to IP68 cable cap

Female Plug
Connects to power feed or previous module

CABLE ACCESSORIES

1M POWER FEED | BLACK
Connector to bare wires

Longer cables may be available by request but MOQs apply

1M EXTENSION | BLACK (OPTIONAL)
Connector to Connector

Can extend power feed or allow flexiblity between modules.

CABLES CONCEALED UNDERNEATH

IP67 CABLE CAP | BLACK
End cap for last module.

Standard profile & most clips: End cap & cable can fold underneath fixing for a tidy look.
Fixed mount clips / visual shield profile: The IP67 cable end cap will not fit folded underneath module, so it can either stick out, or the cable will need to be cut off and a silicone end cap (with extra internal silicone) applied to maintain the IP67 protection & warranty.

Actual product characteristics may vary. Vals Lighting reserves the right to improve, modify or update the product designs without prior notice.

AUQA LINEAR SYSTEM

COLOUR CONTROL & WIRING

WHITE
Single channel dimmer (optional)

Cable	Channel
White	Positive (+)
Black	Negative (-)

RGBW
4-channel controller

Cable	Channel
Black	Positive (+)
Brown	Red
Yellow	Green
Blue	Blue
Gray	White

RGBW (PIXEL ADDRESSABLE)
DMX512 controller

Cable	Channel
Gray	Positive (+)
Brown	Pl
Blue	B (DMX -)
Yellow-Green	A (DMX +)
Black	Negative (-)

AUQA INSTALLATION (INTO STANDARD PROFILE)

Mounting Profile

1. Screw-fix AUQA Aluminium profile 1m. Pieces may require on-site cutting to make up lengths.

2. Profile end caps are included for each 1m piece, however they are only needed at the ends of the total length. These have a cut out for the power feed cable exit, to allow installation after AUQA modules have been installed.

Screw-fix

31.6

44.5

2 × AUQA Clip / m
Included with profile

Connecting and installing Cosmo in Profile

3. Modules can be installed into the profile one at the time. Connect the AUQA clips (included with each profile length) to the module.

4. Starting with power feed end, connect power feed cable to the first module then insert into profile.

5. The connecting (male plug) from first module sticks out to allow connector to the female plug of next module then install into profile & continue joining & inserting into profile until the last module. Adding cosmo clips each time.

Connect power feed cable
& insert into profile

AUQA clip

AUQA clip

Connect modules
Cables are flexable to allow connection
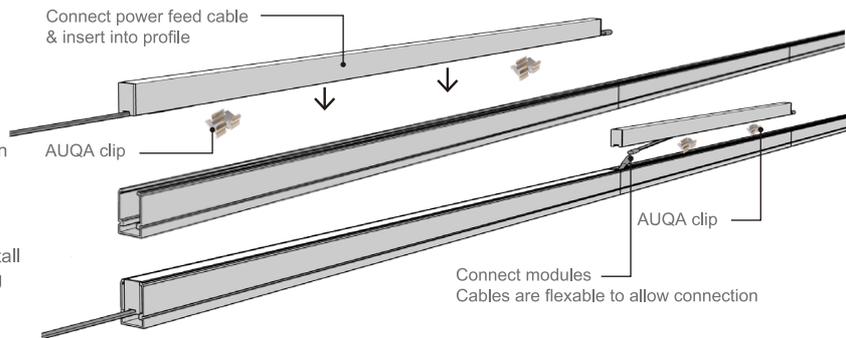
Last Module IP67 End Cap

6. Turn the last module into end piece with the IP68 cable cap (included). This will terminate the connector cable and maintain the IP rating.

7. Fold cable underneath fixing then insert into profile.

Female IP68 cable cap

Male plug with female IP68 cable cap will fit folded underneath in profile.
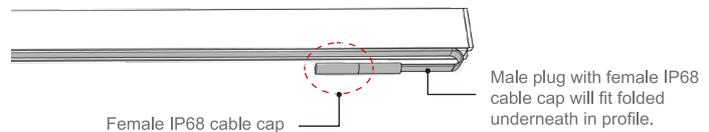
Profile End Cap

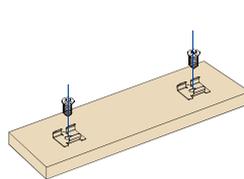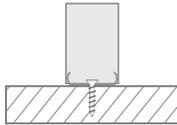8. Screw-fix profile end caps onto profile.

Profile end cap
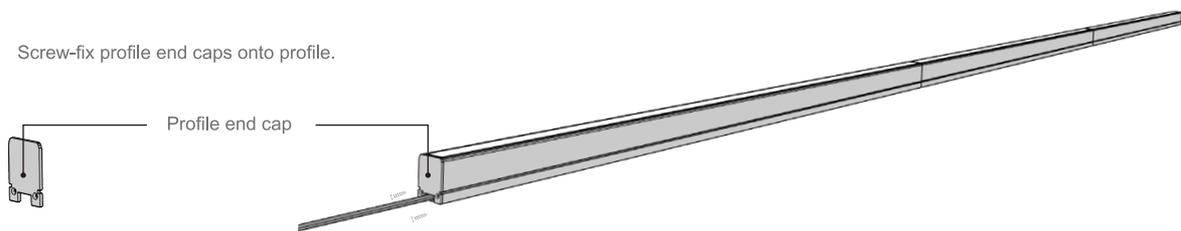
Similiar installation for mounting clips and other profile types.   See pages 3-4 for mounting options & basic installation.
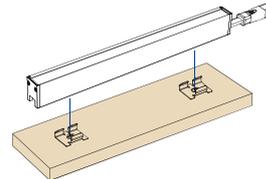
ACCESSORY INSTALLATION

FIXED MOUNTING CLIPS
Designed for horizontal mounting.

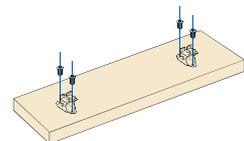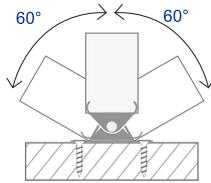1) Screw mount clips. Check clips will tilt in desired direction before installation.

2) Connect full module run before fitting into clips.

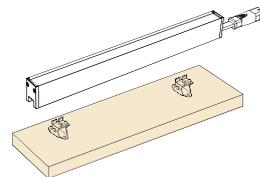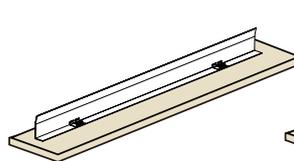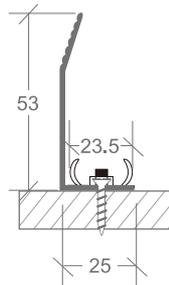If using fixed clips, the IP67 cable end cap will NOT fit folded underneath the module.

The cable end cap can stay sticking out. Or a slight surface recess may be created to fit end cap underneath. Or the cable can be cut off & a silicone end cap (with extra internal silicone) applied to maintain the IP67 protection & warranty.

60° ADJUSTABLE MOUNTING CLIPS
Designed for horizontal mounting.

60°   60°

1) Screw mount clips. Check clips will tilt in desired direction before installation.

2) Connect full module run before fitting into clips.
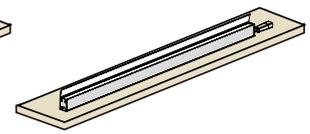
ALUMINIUM PROFILE WITH VISUAL SHIELD

If using visual shield profile, the IP67 cable end cap will NOT fit folded underneath the module. The cable end cap can stay sticking out or the cable can be cut off & a silicone end cap (with extra internal silicone) applied to maintain the IP67 protection & warranty.

53

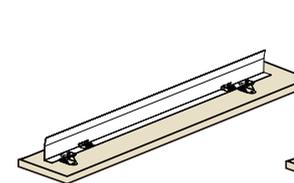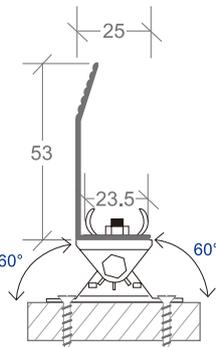23.5

25

1) Screw mount profile
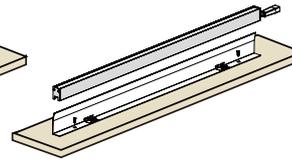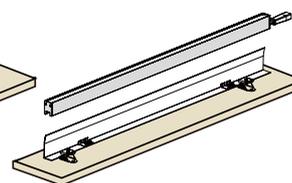
2) Click Cosmo module into profile clips

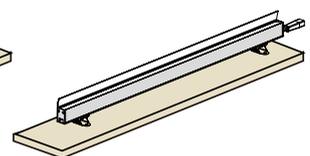**120° ADJUSTABLE ALUMINIUM PROFILE WITH VISUAL SHIELD**

If using visual shield profile, the IP68 cable end cap will NOT fit folded underneath the module. The cable end cap can stay sticking out or the cable can be cut off & a silicone end cap (with extra internal silicone) applied to maintain the IP68 protection & warranty.
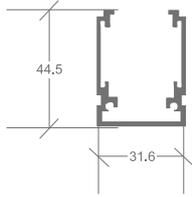
25

53

23.5

60°   60°

1) Screw mount 120° angle brackets

2) Click AUQA module into profile clips

3) Angle as desired

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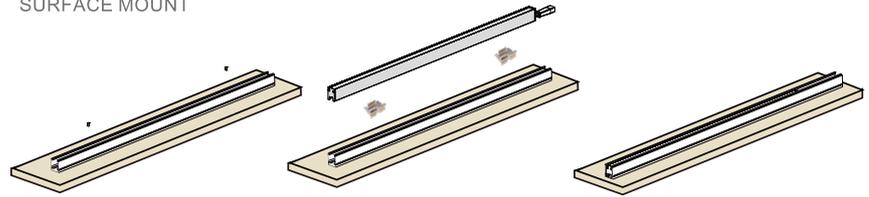
ACCESSORY INSTALLATION

ALUMINIUM PROFILE

44.5

31.6

Profile comes with
2 x AUQA clips
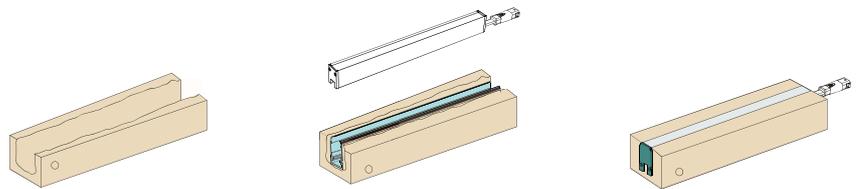per metre to secure
module in profile

SURFACE MOUNT

1) Screw-fix Aluminium Profile

2) Profile clips can be fitted into
profile or clipped diretly to
module to grip module.

3) Clip module into profile
(via clips)

RECESSED INSTALL - INTERIOR APPLICATIONS ONLY
Suitable for recessed, walk over applications in dry, interior installations only.

1) Router out rebate groove.
Profile 27mm wide

2) Screw-fix Aluminium
Profile

3) Connect full module run
before inserting into profile.