Aquas Series
22

The Aquas 22 series by Forum is a line of extruded aluminum rectilinear luminaires approved for wet location, allowing for design consistency throughout wet and dry locations. Aquas features standard aperture sizes of 2, 3, 4, and 6". Multiple mounting configurations are available including rigid stem, surface as well as wall mounted. Aquas is available in Black, White, Silver, and custom colors and features a premium design, fit and finish. Current's patented TriGain® phosphor delivers 90 CRI color quality at 80 CRI efficacy.

Ordering

AQD	—	22	—	LED		—	—	—	—	—	—	—	—	—
				lm/ft	CCT									

DISTRIBUTION	PROFILE	OUTPUT		SHIELDING	MOUNTING	LENGTH	VOLTAGE	FINISH	OPTION 1	OPTION 2	OPTION 3
AQD Direct	**22** 2" square	**lm/ft**	**CCT**	**WOL** White Opal Lens	**H** Stem Mount *	**2** 2'	**120V**	**WH** White	**EMLED** LED battery pk		**SW** Separate Switch
		65 650 lm/ft 6.5 input watts/ft*	**27** 2700k temp 93.5% Special order option		**S** Surface Mount	**3** 3'	**277V**	**SV** Silver	**EC** Emergency Circuit		**90 CRI** 90 CRI
		95 950 lm/ft 9.5 input watts/ft*	**30** 3000k temp 95.2%		**W** Wall Bracket Mount	**4** 4'	**UNV** Universal	**BK** Black	DIMMING OPTIONS (CHOOSE 1)		
					* Spec. stem length:	**5** 5'		**CC** Custom Color	**D10V** 0-10V dimming 1% power class	**DLA2** Lutron Hi-lume 1% 2-wire LED driver (120V forward phase only)	**DLEH5** Lutron Hi-lume 1%-H EcoSystem LED driver with soft-On, Fade-to-Black
		* Assumes 4000k w/ satin lens	**35** 3500k temp 96.8%			**6** 6'		Provide custom color RAL#:			
		Lumen Multiplier = % **of 4000K**	**40** 4000k temp 100%			**7** 7'			**DALI** Digitally Addressable Lighting Interface	**DIM** Dimming: Please specify dimming manufacturer/model(if required)	
		Consult factory for limitations	**50** 5000k temp 103%			**8** 8'					
		Custom Output				Spec. run length:			CONTROLS OPTIONS (CHOOSE 1)		
		LED							**LLXL** Luton-Limelight wireless, external. 8-15ft AFF	**LLXM** Luton-Limelight wireless, external. >15-30ft AFF	**LVS** Lutron Vive integrated fixture sensor (occ+daylight)
		lm/ft	CCT			Standard run length in even foot increments.					
						Individual units cannot be joined in field to create runs.					

1 60 option available with 40 Fixture Length only
2 90 option available with 60 Fixture Length only
3 A2 option available with 80 Fixture Length only

4 10ft aircraft cables with grippers and hourglass sleeves pre-installed. Canopy kits ordered separately
5 G2 option available with 60 Fixture Length and 90 Lumen Output options only

6 10ft Power cord included. 300V 18AWG, 5-Conductor wire
7 Power cord not required for G2 mounting option

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CONTROLS & SENSORS

| Ordering Code	Description
LLXL	Luton-Limelight wireless, external. 8-15ft AFF
LLXM	Luton-Limelight wireless, external. >15-30ft AFF
LLXH	Luton-Limelight wireless, external. >30-40ft AFF

DIMMING OPTIONS

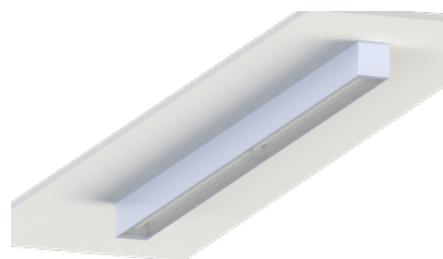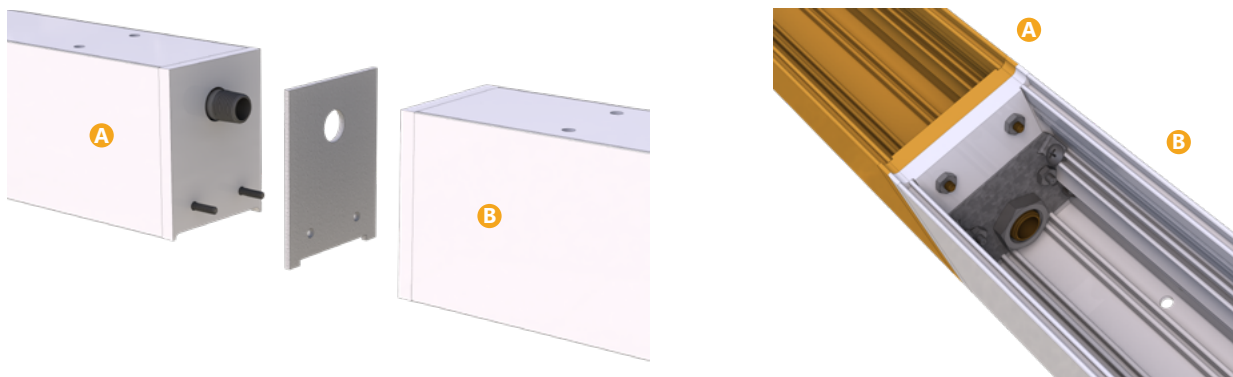| Ordering Code	Description
D10V	0-10V Dimming, 1% power class
DLA2	Lutron Hi-lume 1% 2-1ire LED driver (120V forward phase only)
DLEH5	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On, Fade-to-Black
DALI	Digitally Addressable Lighting Interface
DIM	Custom Dimming. Please specify dimming manufacturer/model

MOUNTING
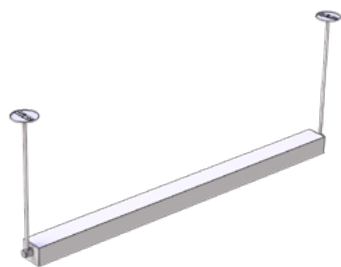
H
Stem Mount
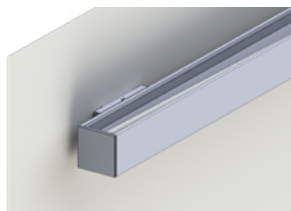
W
Wall Bracket Mount

S
Surface Mount
(available in AQD only)

Components and Assembly

JOINING HARDWARE

Shielding Options

LENS DETAIL

Satin frosted, white opal, and clear acrylic lenses are snap in.
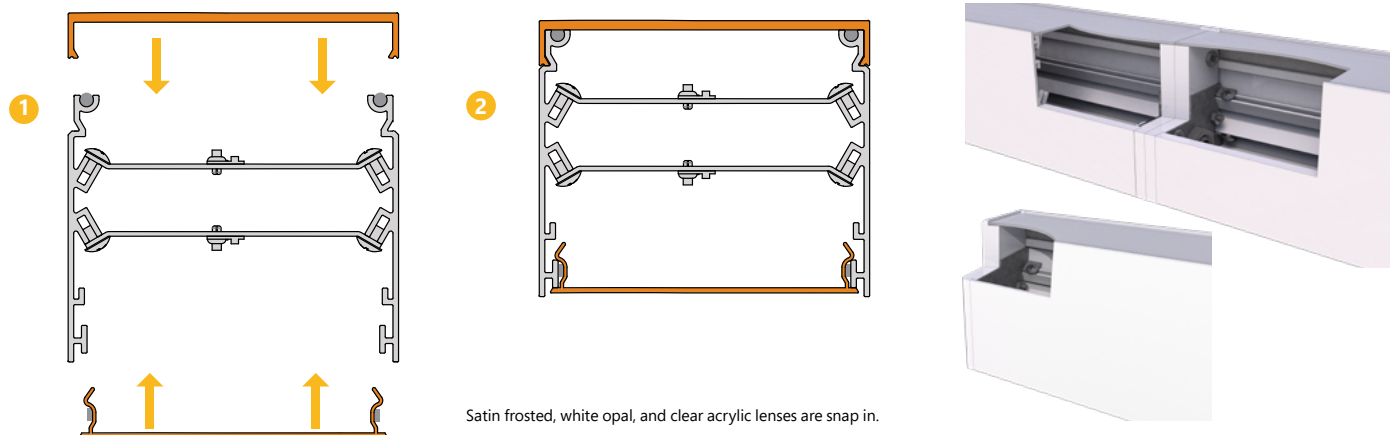
Drawings

PROFILE DRAWINGS

AQUAS22

Mounting:
H, S, W

2 3/16"

2"

AQUAS22

Mounting:
MM

2 1/8"

1/2"

2 1/8"

2"
MOUNTING
BLOCK
HEIGHT

2 1/2" MOUNTING
BLOCK WIDTH

Mounting Block Details
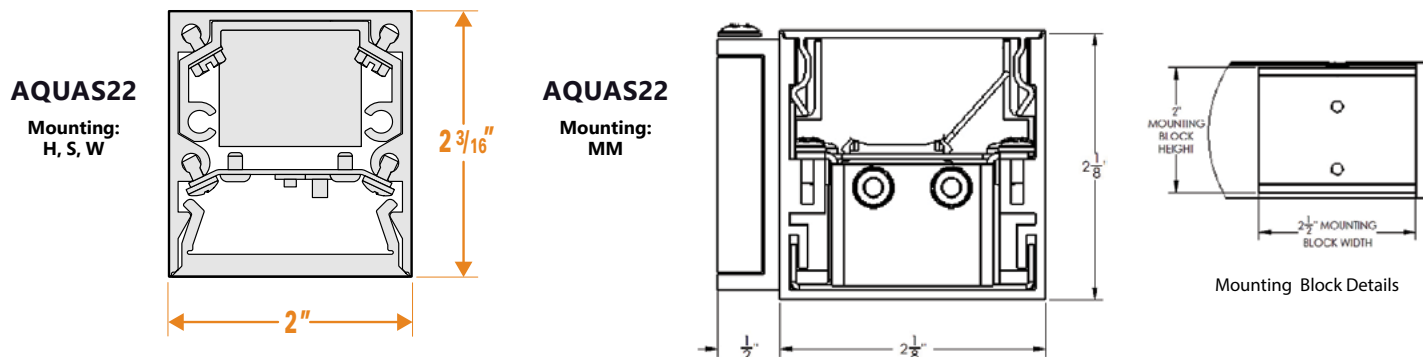
CONSTRUCTION

Housing:	Extruded aluminum, machined endcaps
Lens:	White opal lenses
Optical Assembly:	18 GA cold rolled steel in a pre-paint white finish. Fully wired unit remains completely accessible from below via ballast panel.
Paint:	Black, White, Silver, Custom Color

OPTICAL SYSTEM

Lumens:	650-950 lm/ft
Distribution:	Direct (AQD)
Efficacy:	Up to 115 LPW
Wattage:	6.5 - 9.5 watts/ft
CCT:	2700k, 3000K, 3500K, 4000K, 5000K
CRI (Min):	TriGain® 90CRI
R9 (Min):	65
Color Consistency:	2SDCM

ELECTRICAL

Input Voltage:	120V, 277V, Universal Voltage
Input Frequency:	50/60Hz
Power Factor (PF):	>0.9
Total Harmonic Distortion (THD):	<16% - 120V <20% - 277V
Temperature / Humidity:	Suitable for Wet Locations
Transient Protection:	All Non-Lutron = 2.5KV Lutron = 4KV

CONTROLS

Dimming:	0-10V 1% power class; Lutron Hi-lume 1% 2-wire LED driver; Lutron Hi-lume 1%-H EcoSystem LED driver with soft-On Fade-to-Black; Lutron 5-Series EcoSystem LED driver; Digitally Addressable Lighting Interface; Custom Dimming

OPERATING TEMPERATURE

Product	Operating Temperature
STD (Non-EM) Options	-30-25ºC (-22-77ºF)
2in w/Battery	10-25ºC (50-77ºF)

LUMEN MAINTENANCE

- L70>50K Hours

MOUNTING

- H - Stem Mount
- S - Surface Mount
- W - Wall Bracket Mount

RATINGS

- Wet Rated

DESIGN LIFE & WARRANTY

Warranty:
- LED boards - 5 years
- LED drivers (standard) - 5 years
- LED drivers (Lutron) - 3 years

DAMP RATED   TAA   ETL us Intertek   TriGain technology

For Product or Technical Questions: E: INFO@FORUMLIGHTING.COM
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