FORUM

Aquas Series
2, 3, 4, 6 RGBW

The Aquas RGBW series by Forum is a line of color-selectable 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

		AQUD-RGBW				Indirect	Direct								
		AQU-RGBW		AQU-RGBW											
—	—	LED	/	LED	—	/	—	X	—	—	—	—	—	—	
		lm/ft	CCT	lm/ft	CCT										

DISTRIBUTION	PROFILE	OUTPUT		SHIELDING	MOUNTING	LENGTH	VOLTAGE	FINISH	OPTION 1	OPTION 2	OPTION 3
AQD-RGBW Direct	**32** 2 3/8" width 3 3/4" height	**lm/ft**	**CCT**	**SAT** Satin Lens	**H** Stem Mount *	**2** 2'	**120V**	**WH** White	**F** Fusing		**SW** Separate Switch
AQU-RGBW Indirect	**42** 2 3/8" width 4 3/4" height	**65** 650 lm/ft 6.5 input watts/ft*	**27** 2700k temp **93.5%** Special order option	**WOL** White Opal Lens*	**S** Surface Mount	**3** 3'	**277V**	**SV** Silver	**90 CRI** 90 CRI		**EC** Emergency Circuit
AQUD-RGBW Direct/Indirect	**62** 2 3/8" width 6 3/4" height	**95** 950 lm/ft 9.5 input watts/ft*	**30** 3000k temp **95.2%**	**CFA** Clear Frosted Acrylic**	**W** Wall Bracket Mount	**4** 4'	**UNV** Universal	**BK** Black	**DIMMING OPTIONS (CHOOSE 1)**		
	33 2 15/16"width 3 3/4" height		**35** 3500k temp **96.8%**			**5** 5'		**CC** Custom Color	**DALI** Digitally Addressable Lighting Interface		**DMX** DMX 512
	43 2 15/16"width 4 3/4" height	* Assumes 4000k w/ satin lens	**40** 4000k temp **100%**	* Direct Only	* Spec. stem length:	**6** 6'		Provide custom color RAL#:	**CONTROLS OPTIONS (CHOOSE 1)**		
	63 2 15/16"width 6 3/4" height	**Lumen Multiplier = %** of 4000K	**50** 5000k temp **103%**	** Indirect Only		**7** 7'			**ODL** Wattstopper occupancy and dimming, 8-15'AFF		**ODM** Wattstopper occupancy and dimming, 15-30'AFF
	34 4 1/2"width 3 3/4" height	Consult factory for limitations	**TW*** 27K-65K			**8** 8'			**LLIL** Luton-Limelight wireless, internal. 8-15ft AFF		**LLIM** Luton-Limelight wireless, internal. >15-30ft AFF
	44 4 1/2"width 4 3/4" height	Custom Output	*Consult factory for other CCT ranges			Spec. run length:			**LLIH** Luton-Limelight wireless, internal. >30-40ft AFF		**LLXL** Luton-Limelight wireless, external. 8-15ft AFF
	64 4 1/2"width 6 3/4" height	**LED**							**LLXM** Luton-Limelight wireless, external. >15-30ft AFF		**LLXH** Luton-Limelight wireless, external. >30-40ft AFF
	36¹ 6"width 3 3/4" height	lm/ft CCT **32, 42, 62** : 430-1350 lm/ft **33, 43, 63** : 430-1510 lm/ft **34, 44, 64** : 460-1610 lm/ft **36, 46, 66** : 490-1710 lm/ft				Standard run length in even foot increments.					
	46¹ 6"width 4 3/4" height	OR Replace LED Output With				Individual units cannot be joined in field to create runs.					
	66¹ 6"width 6 3/4" height	**RGBW** **LED**									

1 Available in WOL shielding only

Customer Name		Date
Project Name		
Catalog Number		

CONTROLS & SENSORS

| Ordering Code	Description
ODL	Wattstopper occupancy and dimming, 8-15'AFF
ODM	Wattstopper occupancy and dimming, 15-30'AFF
LLIL	Luton-Limelight wireless, internal. 8-15ft AFF
LLIM	Luton-Limelight wireless, internal. >15-30ft AFF
LLIH	Luton-Limelight wireless, internal. >30-40ft AFF
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
DALI	Digitally Addressable Lighting Interface
DMX	DMX 512

MOUNTING

H
Stem Mount
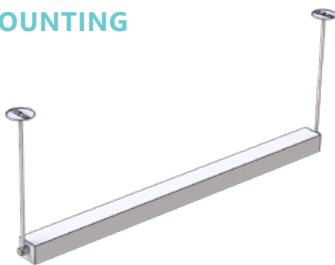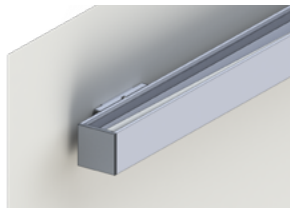
W
Wall Bracket Mount
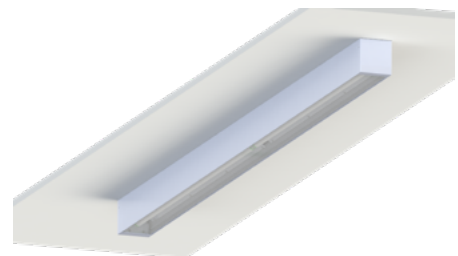
S
Surface Mount
(available in AQD only)

FOR_AquasSusRGBW_spec_IND718_R02
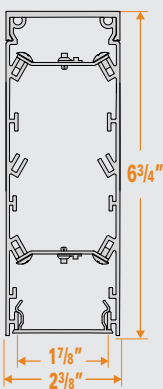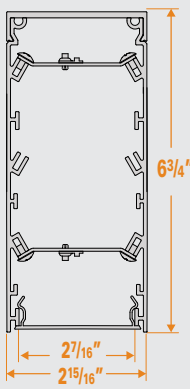
Components and Assembly

JOINING HARDWARE
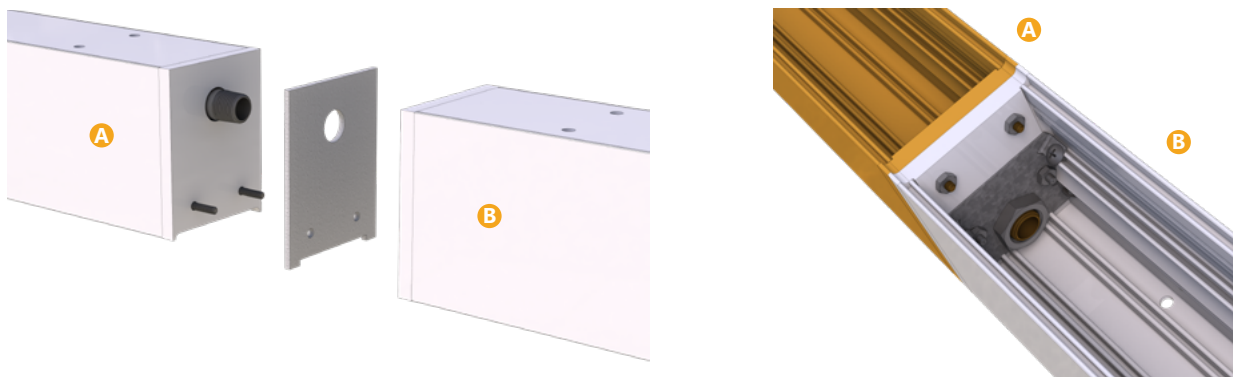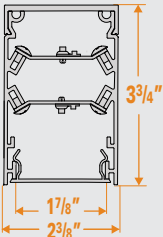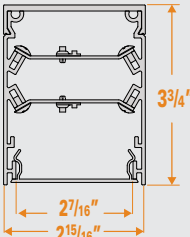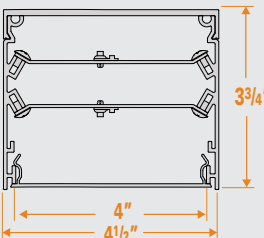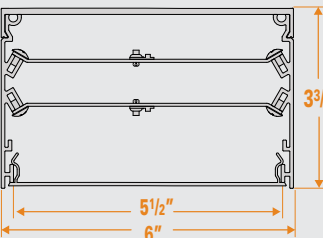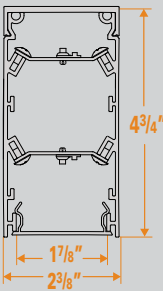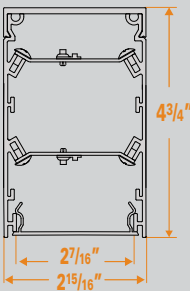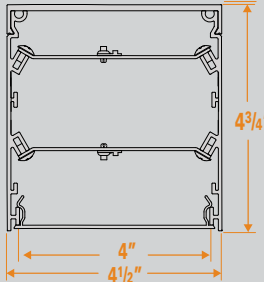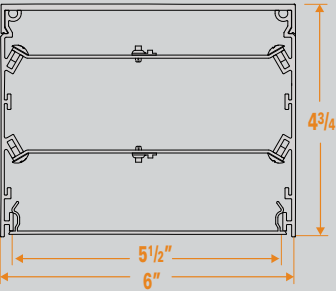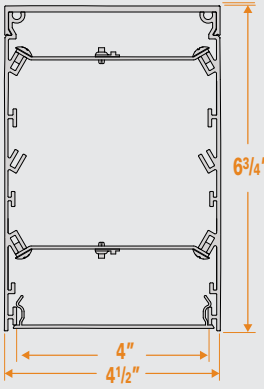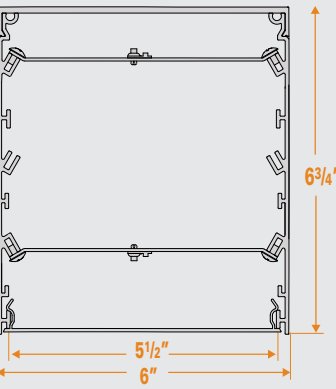
Distribution Options

DISTRIBUTION DETAIL

AQU
Indirect

AQUD
Direct/
Indirect

AQD
Direct

FOR_AquasSusRGBW_spec_IND718_R02
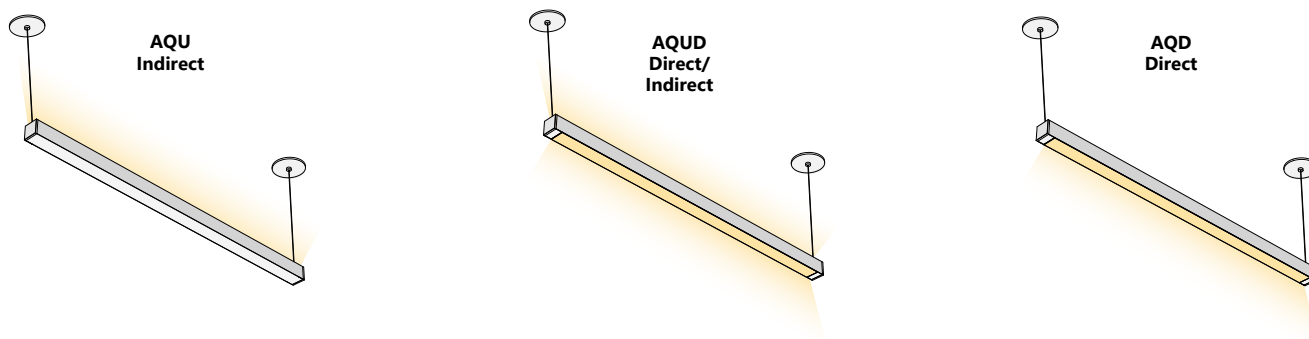
Drawings

	AQUAS2 RGBW	AQUAS3 RGBW	AQUAS4 RGBW	AQUAS6 RGBW
	2"W	3"W	4"W	6"W

3"H

Profile: 32
Options: AQD, AQU, AQUD
3³/₄" 1⁷/₈" 2³/₈"

Profile: 33
Options: AQD, AQU, AQUD
3³/₄" 2⁷/₁₆" 2¹⁵/₁₆"

Profile: 34
Options: AQD, AQU, AQUD
3³/₄" 4" 4¹/₂"

Profile: 36
Options: AQD, AQU, AQUD
3³/₄" 5¹/₂" 6"

4"H

Profile: 42
Options: AQD, AQU, AQUD
4³/₄" 1⁷/₈" 2³/₈"

Profile: 43
Options: AQD, AQU, AQUD
4³/₄" 2⁷/₁₆" 2¹⁵/₁₆"

Profile: 44
Options: AQD, AQU, AQUD
4³/₄" 4" 4¹/₂"

Profile: 46
Options: AQD, AQU, AQUD
4³/₄" 5¹/₂" 6"

6"H

Profile: 62
Options: AQD, AQU, AQUD
6³/₄" 1⁷/₈" 2³/₈"

Profile: 63
Options: AQD, AQU, AQUD
6³/₄" 2⁷/₁₆" 2¹⁵/₁₆"

Profile: 64
Options: AQD, AQU, AQUD
6³/₄" 4" 4¹/₂"

Profile: 65
Options: AQD, AQU, AQUD
6³/₄" 5¹/₂" 6"

KEY	
AQD - DIRECT	AQUD - DIRECT/INDIRECT
AQU - INDIRECT	

FOR_AquasSusRGBW_spec_IND718_R02

Spectral Power Distribution, White
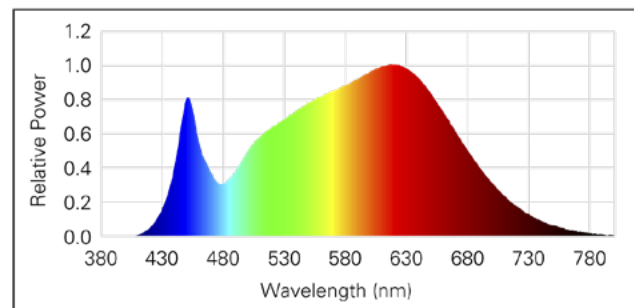
2700K 3-STEP
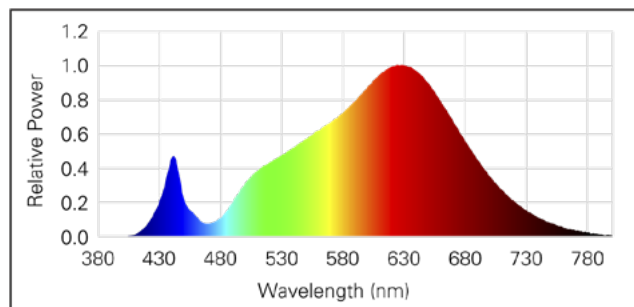
4000K 3-STEP
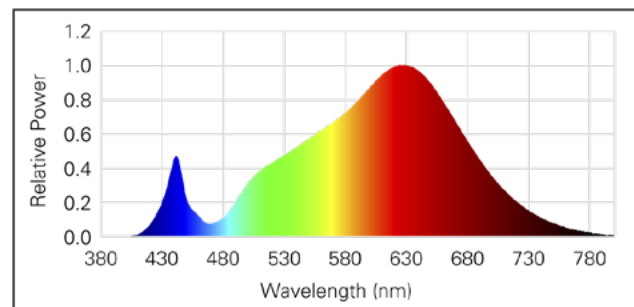
3000K 3-STEP
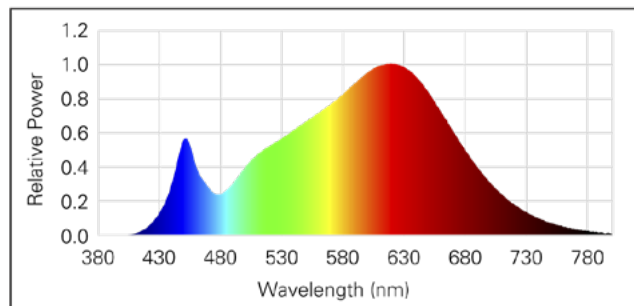
5000K 3-STEP
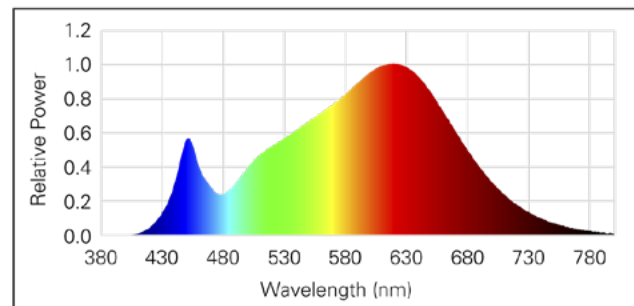
3500K 3-STEP
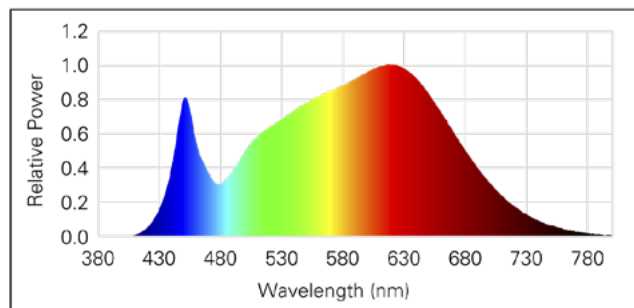
6500K 3-STEP

FOR_AquasSusRGBW_spec_IND718_R02

Spectral Power Distribution, RGB

Beam Angle

RED

GREEN

BLUE

WHITE

RGB

FOR_AquasSusRGBW_spec_IND718_R02
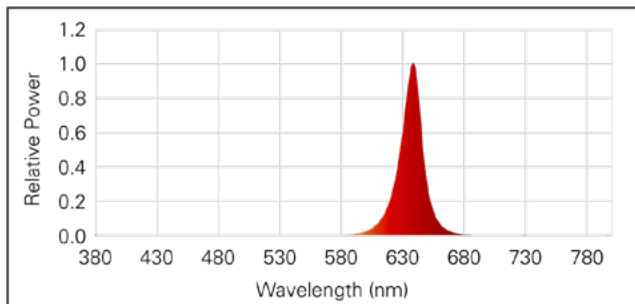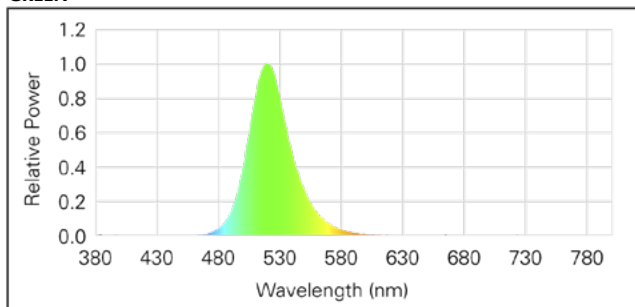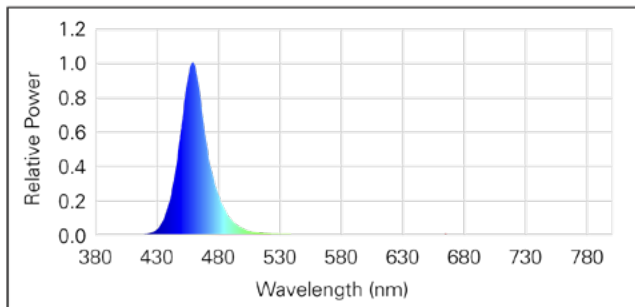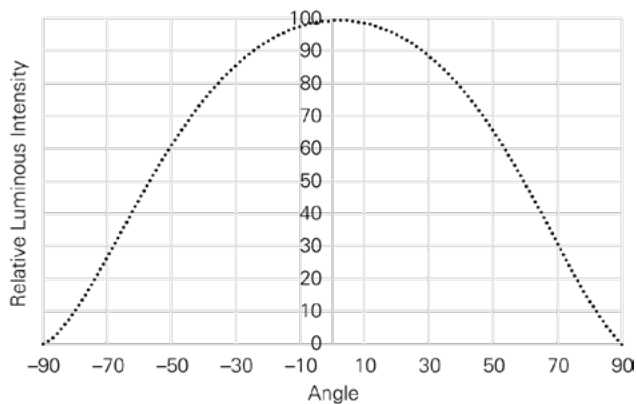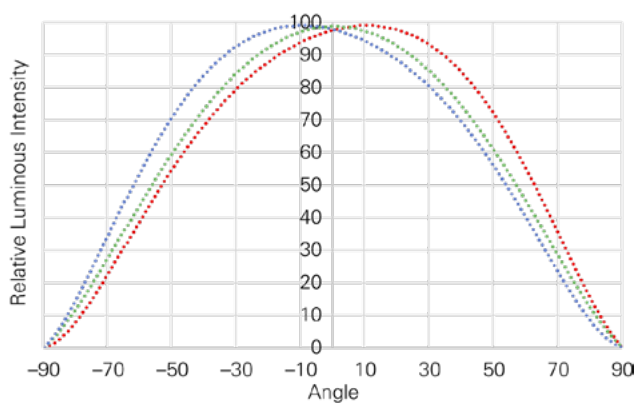
Electrical Characteristics

Assuming 35k 90 CRI, 25°C

WHITE					
Current (mA)	100	250	350	500	640
Voltage (V)	24.21	25.09	25.55	26.14	26.72
Flux (lm)	378	928.8	1274.4	1746	2120

RED				
Current (mA)	40	90	120	160
Voltage (V)	18	20.25	21.375	23.85
Radiant Flux (mcd)	13500	31050	40500	54000

GREEN				
Current (mA)	40	90	120	140
Voltage (V)	27.9	28.98	29.7	30.375
Radiant Flux (mcd)	45360	88200	101304	117180

BLUE			
Current (mA)	40	90	100
Voltage (V)	25.875	29.7	30.375
Radiant Flux (mcd)	9720	18720	19440

EFFICACY VS. CURRENT

WHITE

GREEN

RED

BLUE

forumlighting.com
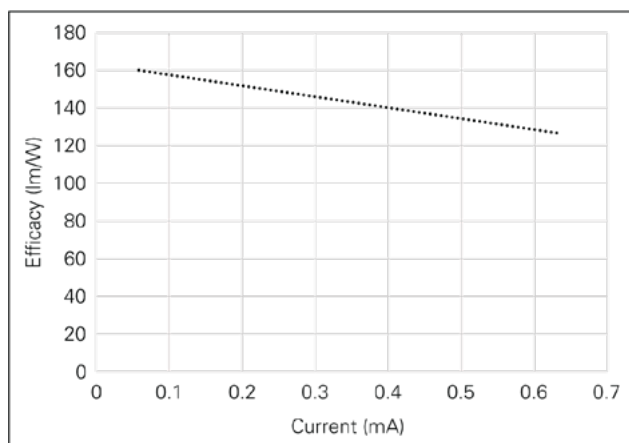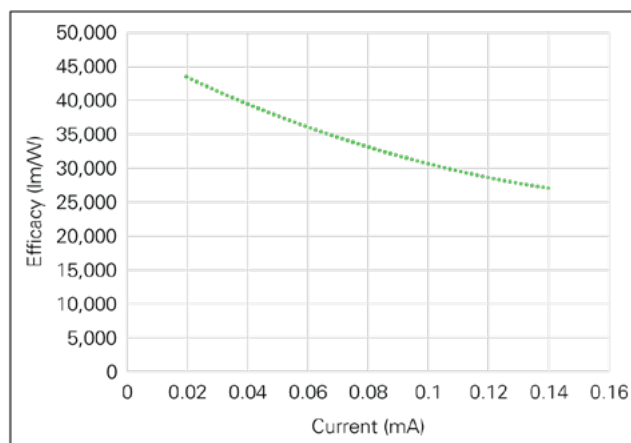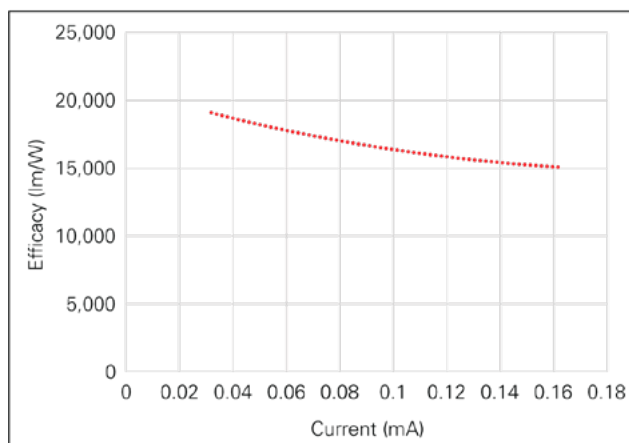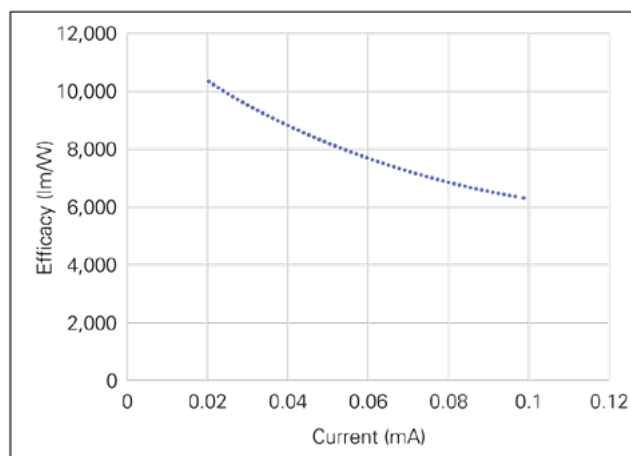
Derating

COLOR TEMPERATURE	LIGHT OUTPUT
2700K	97%
3000K	100%
3500K	106%
4000K	111%
5000K	111%
6000K	107%

VOLTAGE VS. TEMPERATURE

WHITE

GREEN

RED

BLUE

Aquas Series 🌈
2, 3, 4, 6 RGBW

Customer Name		Date	
Project Name			
Catalog Number			

forumlighting.com
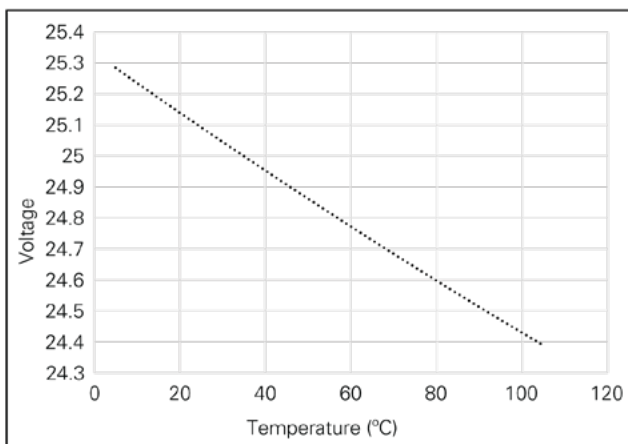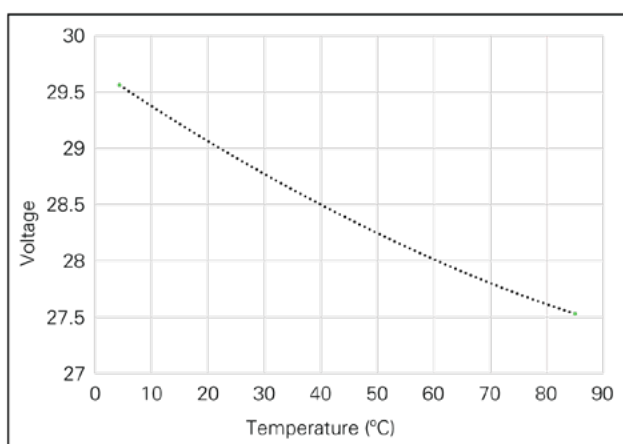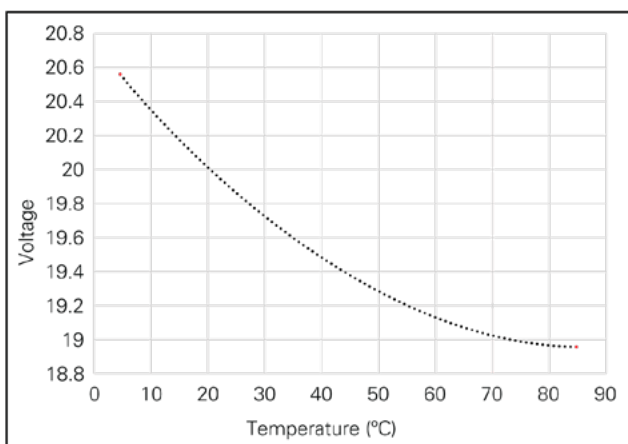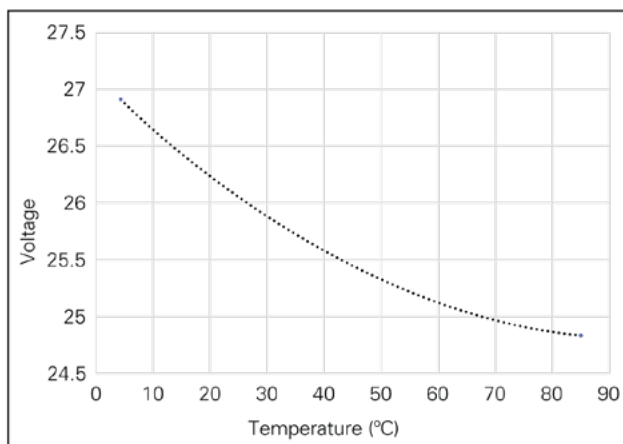
Derating

FLUX VS. TEMPERATURE

WHITE

GREEN

RED

BLUE

FOR_AquasSusRGBW_spec_IND718_R02

CONSTRUCTION

Housing:	Extruded aluminum, machined endcaps
Lens:	Satin, clear frosted, and white opal lenses.
Optical Assembly:	.040" aluminum 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:	430-1710 lm/ft
Distribution:	Direct (AQD), Indirect (AQU), and Direct/Indirect (AQUD) up = Lamb. BW, ASY dn = Lamb. BW ASY
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:	Digitally Addressable Lighting Interface; DMX 512

OPERATING TEMPERATURE

Product	Operating Temperature
STD (Non-EM) Options	-30-25ºC (-22-77ºF)
2in w/Battery	10-25ºC (50-77ºF)
3/4/6in w/Battery	0-25ºC (32-77ºF)

LUMEN MAINTENANCE

- L70>50K Hours

MOUNTING

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

RATINGS

- Wet Rated

DESIGN LIFE & WARRANTY

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

For Product or Technical Questions:
E: INFO@FORUMLIGHTING.COM
T: +1 412 781 5970

forumlighting.com