



Customer Name	Date
Project Name	
Catalog Number	



Aqua Series

22 RGBW



The Aqua 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. Aqua features standard aperture sizes of 2, 3, 4, and 6". Multiple mounting configurations are available including rigid stem, surface as well as wall mounted. Aqua 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 — RGBW

CCT

PROFILE		OUTPUT	SHIELDING	MOUNTING	LENGTH		VOLTAGE	FINISH	OPTION 1	OPTION 2
22 2" square	CCT	WOL White Opal Lens	H Stem Mount *	S Surface Mount	2 2'	3 3'	120V	WH White	F Fusing	SW Separate Switch
	27 2700k temp Special order option						UNV Universal	SV Silver	EC Emergency Circuit	
	30 3000k temp							BK Black	DIMMING OPTIONS (CHOOSE 1)	
	35 3500k temp Special order option							CC Custom Color Provide custom color RAL#:	DALI Digitally Addressable Lighting Interface	DMX DMX 512
	40 4000k temp Special order option								CONTROLS OPTIONS (CHOOSE 1)	
	50 5000k temp Special order option								LLXL Luton-Limelight wireless, external. 8-15ft AFF	LLXM Luton-Limelight wireless, external. >15-30ft AFF
									LLXH Luton-Limelight wireless, external. >30-40ft AFF	

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

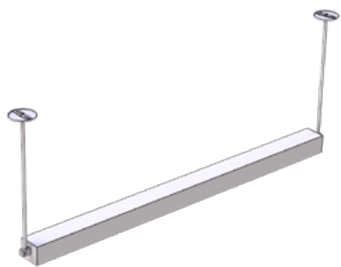
CONTROLS & SENSORS

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

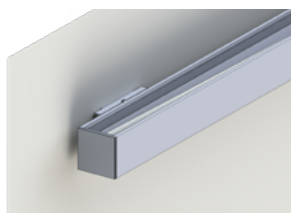
DIMMING OPTIONS

Ordering Code	Description
DALI	Digitally Addressable Lighting Interface
DMX	DMX 512

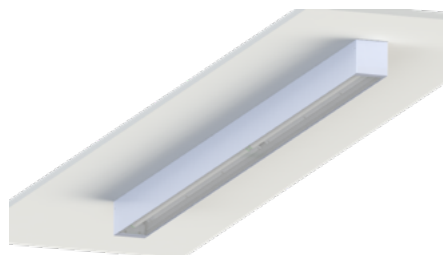
MOUNTING



H
Stem Mount



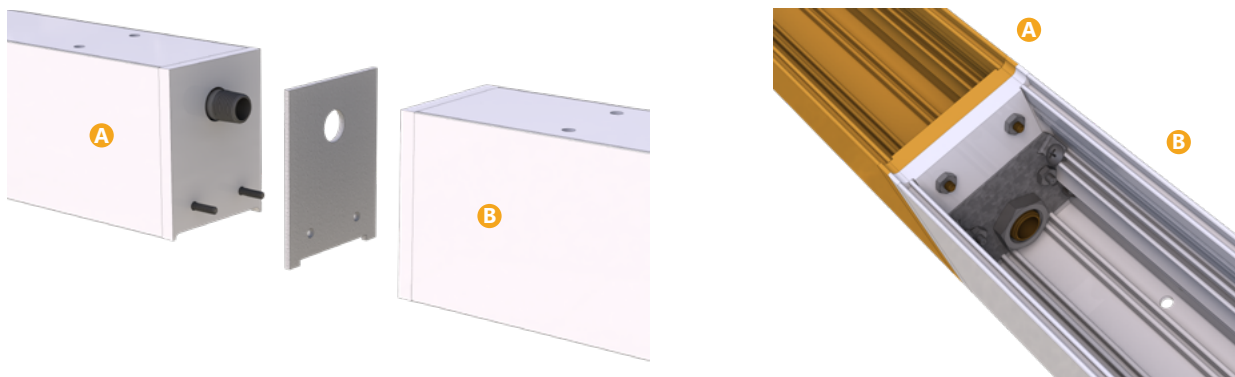
W
Wall Bracket Mount



S
Surface Mount
(available in AQD only)

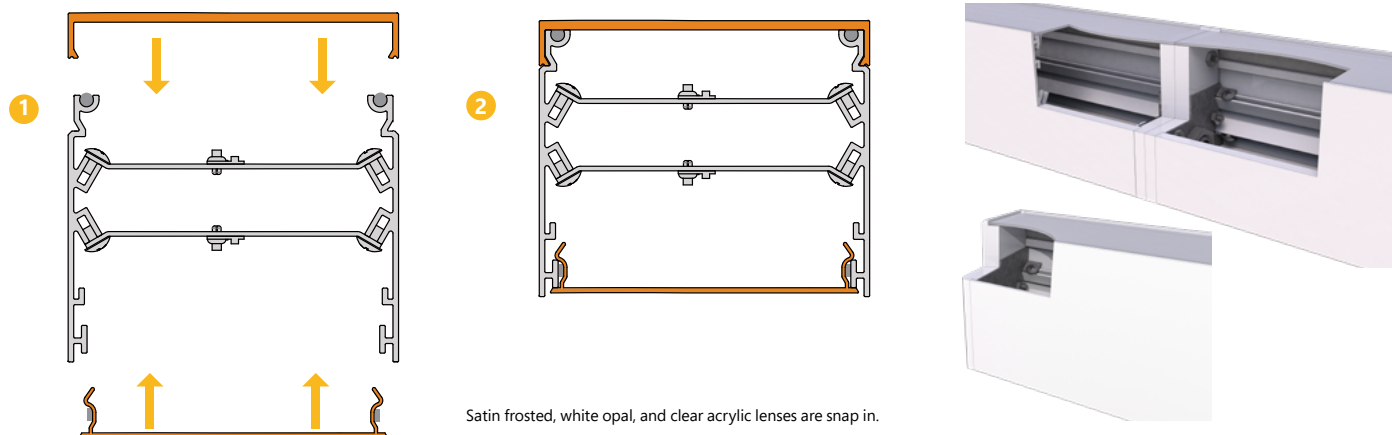
Components and Assembly

JOINING HARDWARE



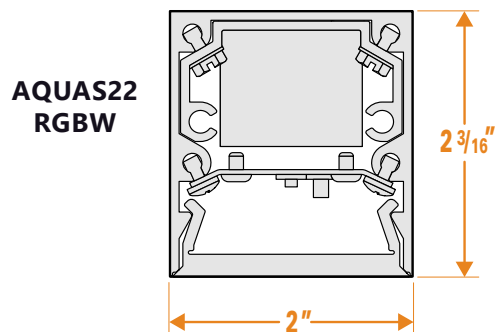
Shielding Options

LENS DETAIL



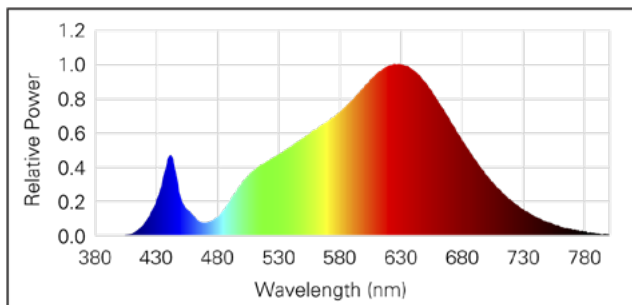
Drawings

PROFILE DRAWINGS

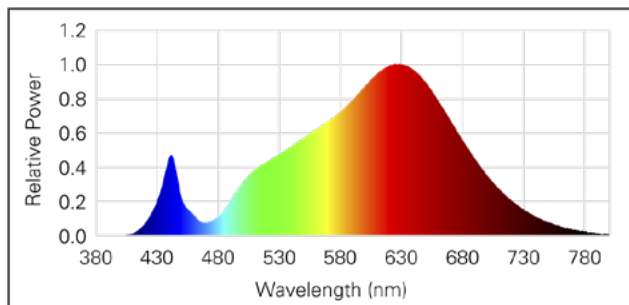


Spectral Power Distribution, White

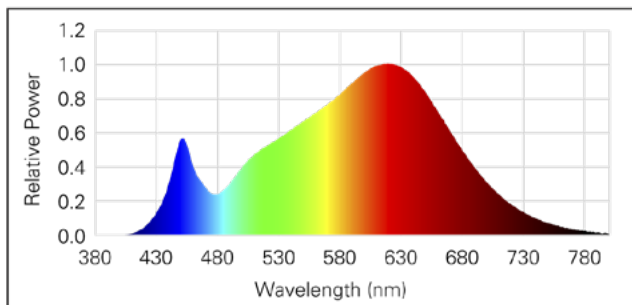
2700K 3-STEP



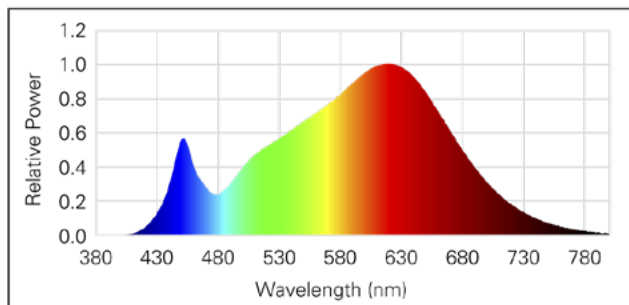
4000K 3-STEP



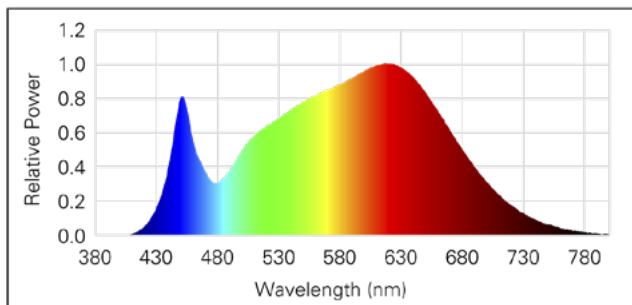
3000K 3-STEP



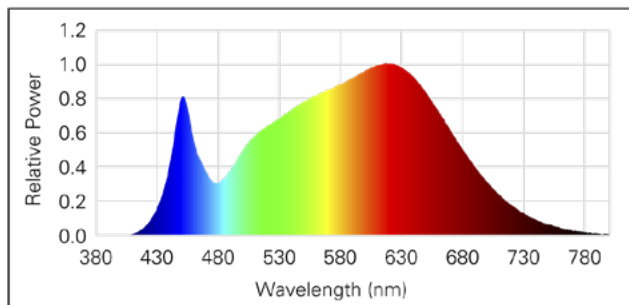
5000K 3-STEP



3500K 3-STEP

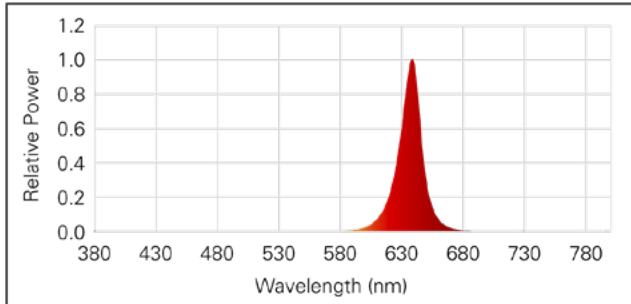


6500K 3-STEP

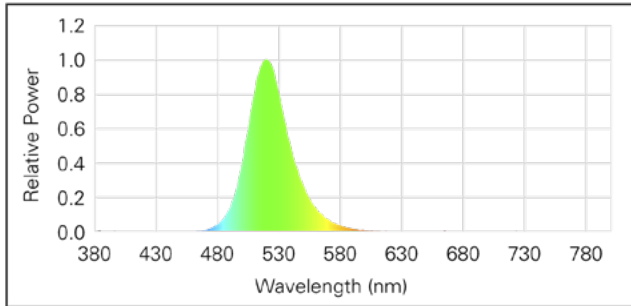


Spectral Power Distribution, RGB

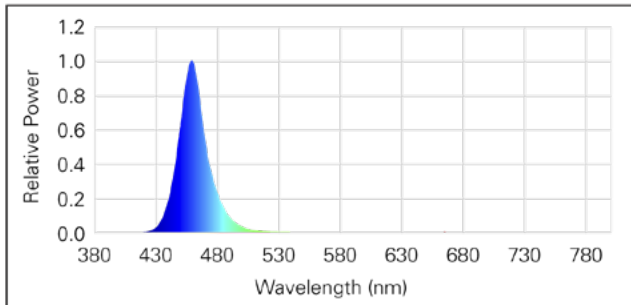
RED



GREEN

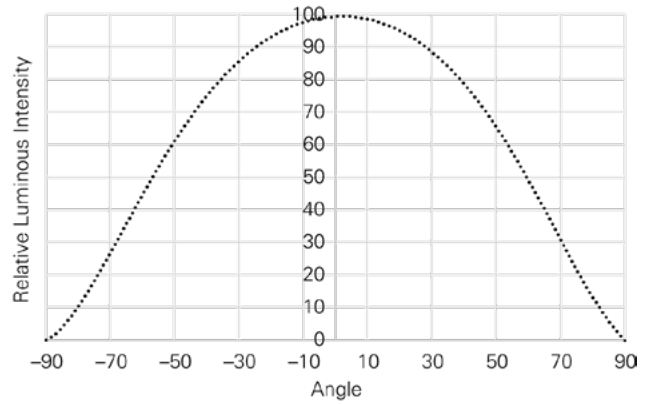


BLUE

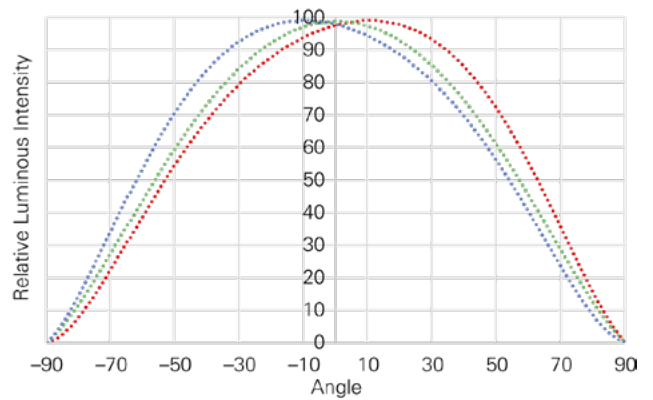


Beam Angle

WHITE



RGB



Electrical Characteristics

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

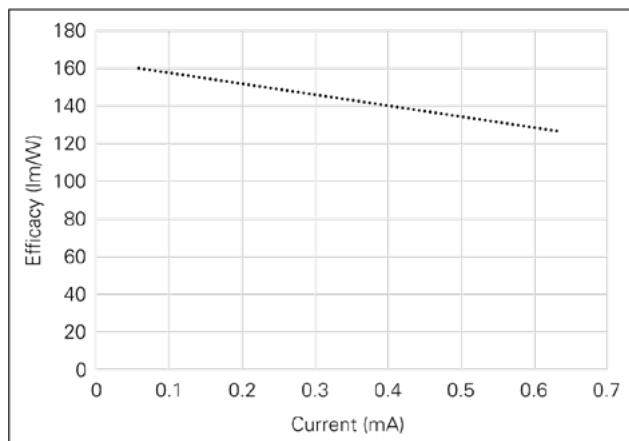
Assuming 35k 90 CRI, 25°C

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

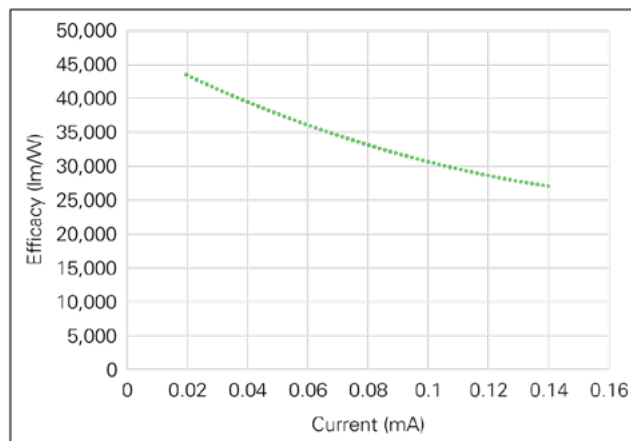
BLUE			
Current (mA)	40	90	100
Voltage (V)	25.875	29.7	30.375
Radiant Flux (mcd)	9720	18720	19440

EFFICACY VS. CURRENT

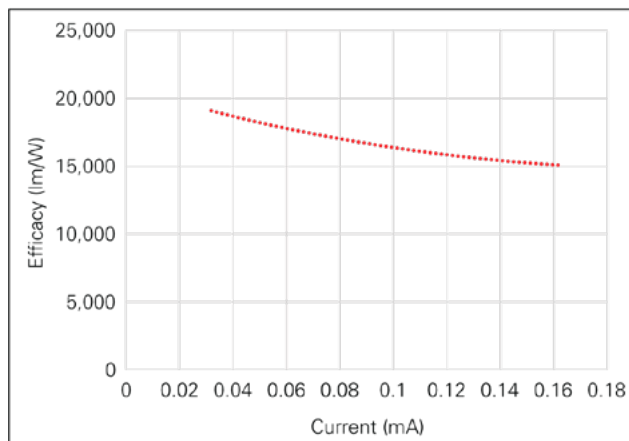
WHITE



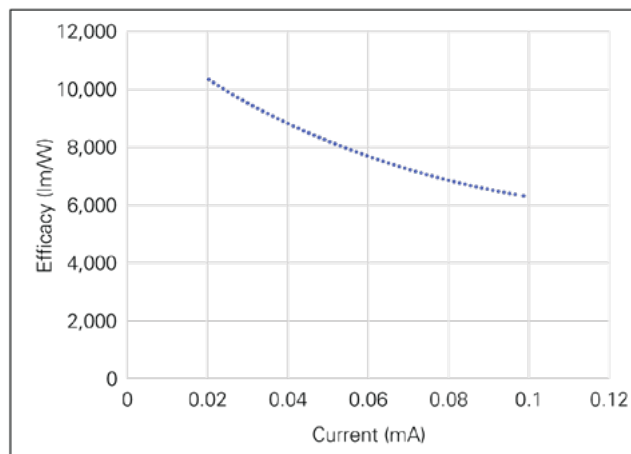
GREEN



RED



BLUE

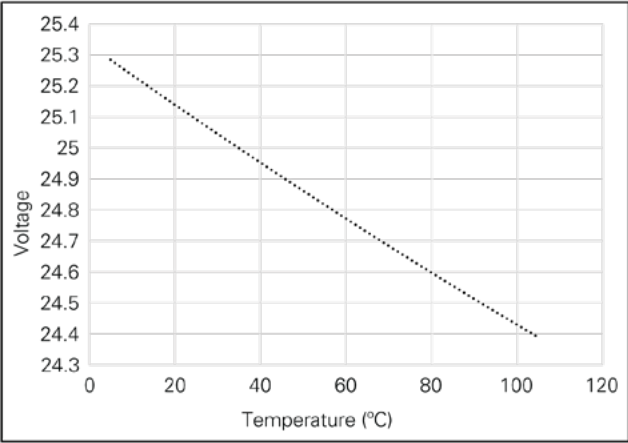


Derating

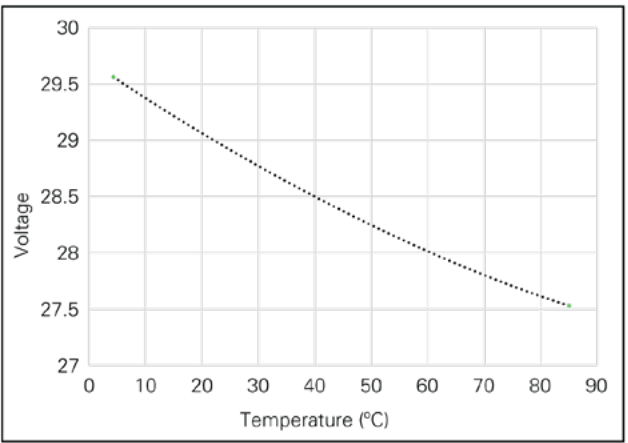
Color Temperature	Light Output
2700K	97%
3000K	100%
3500K	106%
4000K	111%
5000K	111%
6000K	107%

VOLTAGE VS. TEMPERATURE

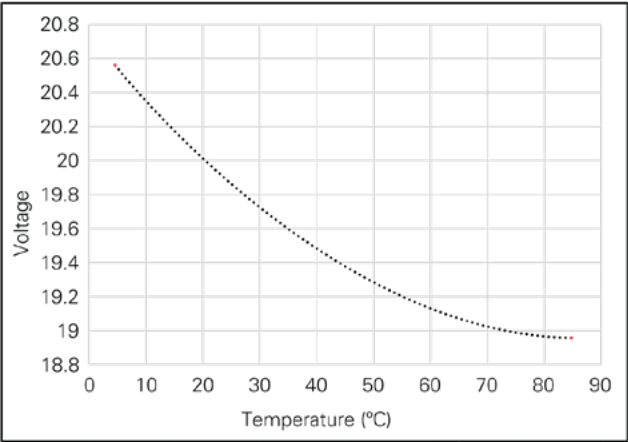
WHITE



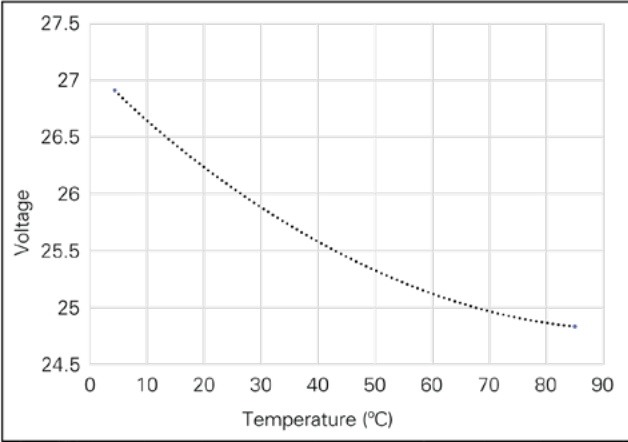
GREEN



RED



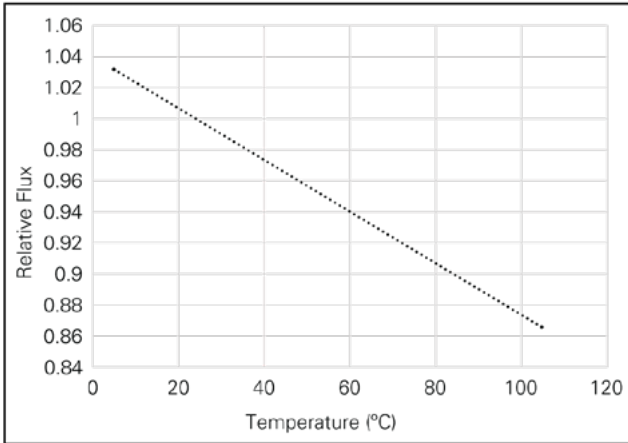
BLUE



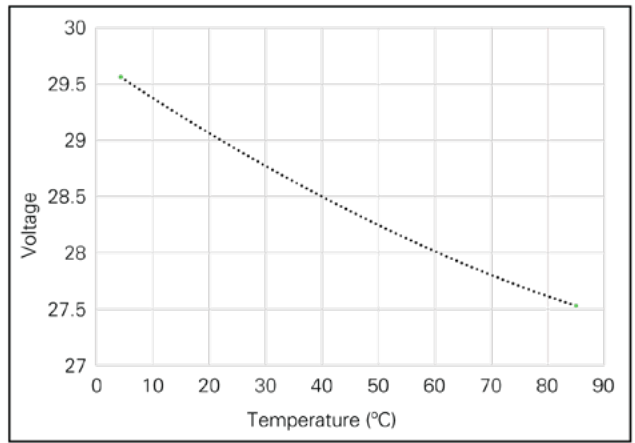
Derating

FLUX VS. TEMPERATURE

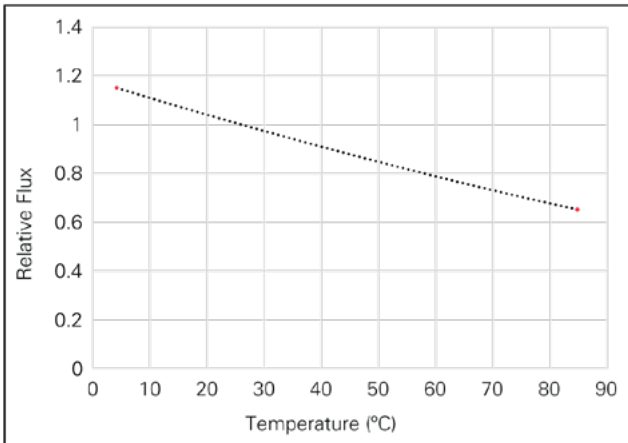
WHITE



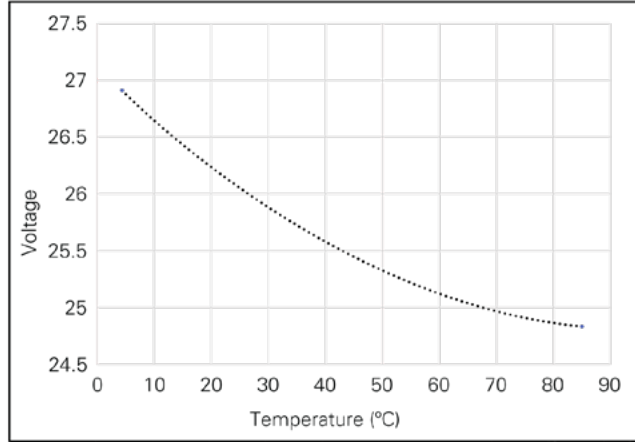
GREEN



RED



BLUE



CONSTRUCTION

Housing:	Extruded aluminum, machined endcaps
Lens:	White opal
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

Distribution:	Direct (AQD)
Wattage:	6.5 - 9.5 watts/ft
CCT:	2700k, 3000K, 3500K, 4000K, 5000K
CRI (Min):	TriGain® 90CRI
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
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OPERATING TEMPERATURE

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

LUMEN MAINTENANCE

- L70>50K Hours

MOUNTING

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

DESIGN LIFE & WARRANTY

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



For Product or Technical Questions:

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T: +1 412 781 5970