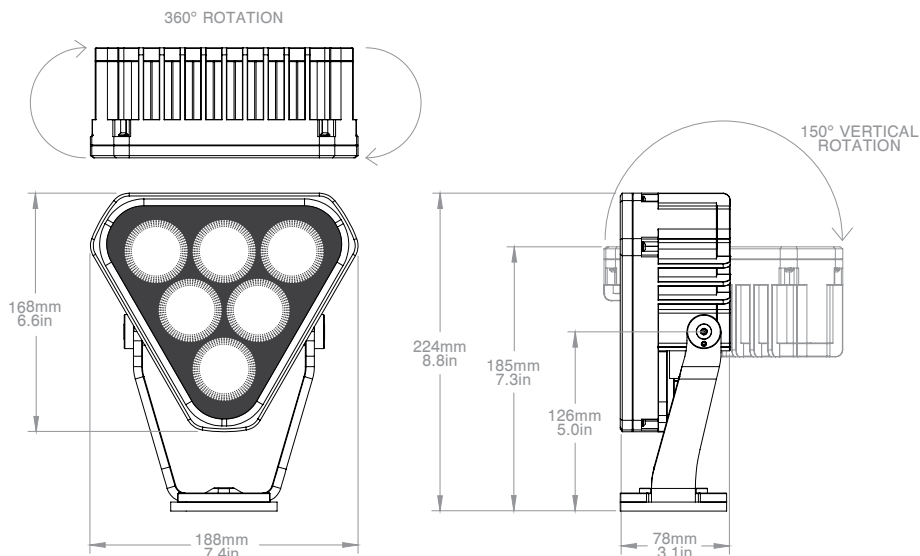


## RGBW Inner Mixing Architectural Spot and Floodlight

## PRODUCT SPECIFICATION SHEET

Color mixing in a single optic for wall washing/grazing applications and color compatibility with STR9® RGBW fixtures.

DATE:	
TYPE:	
COMPANY:	
PROJECT:	



### FEATURES:

- COLOR-AMP™ technology allows up to three times higher light output in specific colors
- INFINITY® Technology compatible (INF)
- Built-in high temperature power supply (AC)
- IP66 sealed body design
- Plug-and-play with STR9® luminaires
- Color matched with STR9® RGBW linear luminaires
- Advanced thermal design with cutting-edge manufacturing process and materials
- Compact size, only 78mm (3.1in) in depth
- Weight of only 2.0kg (4.4lbs)
- Highly adjustable with 360° horizontal rotation and 150° vertical rotation
- ASTM B117 marine grade powder coating

### OPTIONS:

- Beam angles ranging from 10° to 90° with elliptical distribution options
- Optical accessories for glare control
- White, silver, and black matte standard powder coated body colors
- Custom body colors available on demand
- ELV (48VDC), INF (380VDC) and AC (85~277VAC) input options
- Range of bracket lengths and mounting options

### SPECIFICATION LOGIC: FL25 RGBW-IM (INNER MIXING)

FAMILY	BODY COLOR	LED COLOR	OPTICS(FWHM)*	VOLTAGE	MOUNTING OPTION
FL25	<b>WH</b> - White Matte Powder Coated <b>SR</b> - Silver Matte Powder Coated <b>BL</b> - Black Matte Powder Coated <b>CUST</b> - Custom Color <sup>1</sup>	<b>RGBW65K-IM</b>	<b>10</b> - 10°x10° <b>20</b> - 20°x20° <b>30</b> - 30°x30° <b>40</b> - 40°x40° <b>60</b> - 60°x60° <b>80</b> - 80°x80° <b>90</b> - 90°x90° <b>10x40</b> - 10°x40° H <b>40x10</b> - 40°x10° V <b>10x60</b> - 10°x60° H <b>60x10</b> - 60°x10° V <b>30x60</b> - 30°x60° H <b>60x30</b> - 60°x30° V	<b>ELV</b> - 48VDC <b>INF</b> - 380VDC <b>AC277</b> - 85~277VAC	<b>SM120</b> - Surface Mount 120mm <b>SM200</b> - Surface Mount 200mm <sup>1</sup> <b>SM300</b> - Surface Mount 300mm <sup>1</sup> <b>SM400</b> - Surface Mount 400mm <sup>1</sup> <b>SM500</b> - Surface Mount 500mm <sup>1</sup> <b>SMXXX</b> - Surface Mount Custom <sup>1</sup> (specify length) <b>TM120</b> - Tenon Mount 120mm <sup>1</sup> <b>PM</b> - Pole Mount <sup>1</sup>

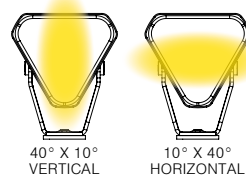

### PRODUCT CONFIGURATION

1. Non standard option and might require longer leadtime than usual. Contact factory for details.

Nominal values are used. Actual measurements may differ slightly.

## RGBW Inner Mixing Architectural Spot and Floodlight

## PRODUCT SPECIFICATION SHEET

PRODUCT SPECIFICATIONS: FL25 RGBW-IM (INNER MIXING)					
<b>ELECTRICAL</b>	Rated Input Voltage	48VDC	380VDC	85~264VAC or 85~277VAC	
	Power Consumption (max.)	25W	35W	30W	
<b>OPTICAL</b>	Light Source	6 x High Power 4 in 1 LEDs			
	CRI	70			
	Output (typical) 10 <sup>o1</sup> COLOR-AMP™	Color	Wave Length (nm)	Luminous Flux (lm)	
		Red	617	439	
		Green	520	852	
		Blue	453	248	
		White - 6500K		1,383	
	All On		1,001		
	Optics	High optical efficiency PMMA TIR Lens, Micro Lense Film, Tempered Glass Cover			
	Beam Angle (FWHM)	10 (10°x10°), 20 (20°x20°), 30 (30°x30°), 40 (40°x40°), 60 (60°x60°), 80 (80°x80°), 90 (90°x90°), 10x40 (10°x40°), 40x10 (40°x10°), 10x60 (10°x60°), 60x10 (60°x10°), 30x60 (30°x60°), 60x30 (60°x30°)			
Projected Lumen Maintenance	L70 > 60,000hrs @ Ta =50°C (122°F)				
<b>CONTROL</b>	Control Interface	DMX control through GVA's Power-Data Equipment			
<b>PHYSICAL</b>	Size (HxWxD)	168 x 188 x 78 mm (6.6 x 7.4 x 3.1 in)			
	Weight	2.0 kg (4.4 lbs)			
	Housing	ASTM B117 marine grade 3000h compliant powder coated, low copper, 6061 aluminum alloy			
	Fixture Connections	IP68 Connectors			
	Rated Operation Temperature	-40°C (-40°F) to +50°C (122°F)			
<b>CERTIFICATION &amp; SAFETY</b>	Environment	Dry, Damp or Wet Locations, 0-100% humidity			
	Listings	RoHS, REACH			
	IEC Classifications	Class 1 LED Luminaire			
			Constructed to meet requirements outlined in UL1598 & IEC60598 Constructed to meet ANSI C136.31 3G Vibration standard for bridge and overpass applications		

1. Luminous flux may vary by optical distribution.

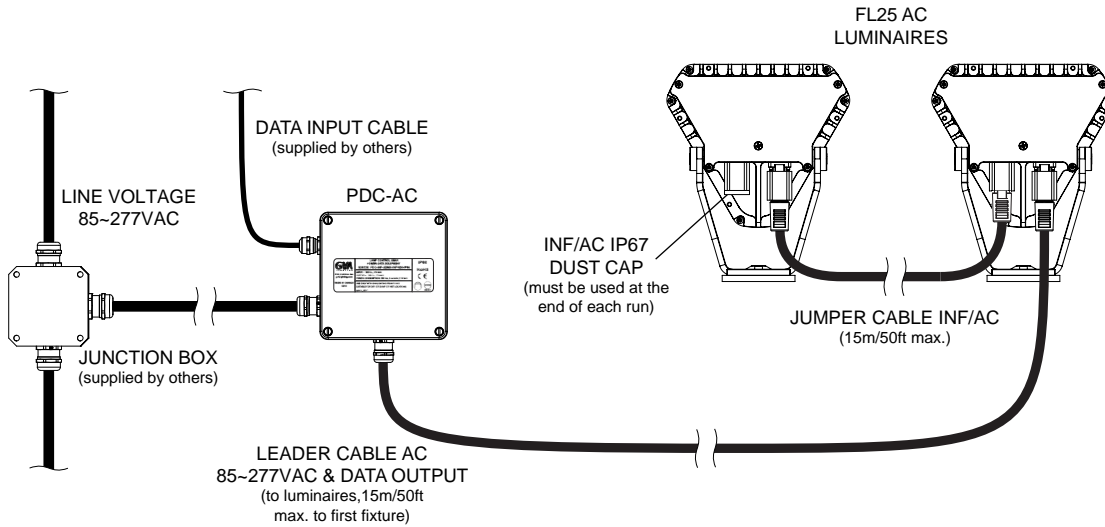
These figures are subject to change due to further development and innovations of LED light sources.

## RGBW Inner Mixing Architectural Spot and Floodlight

## PRODUCT SPECIFICATION SHEET

### TYPICAL SYSTEM DIAGRAM: AC (WITH CONTROL)

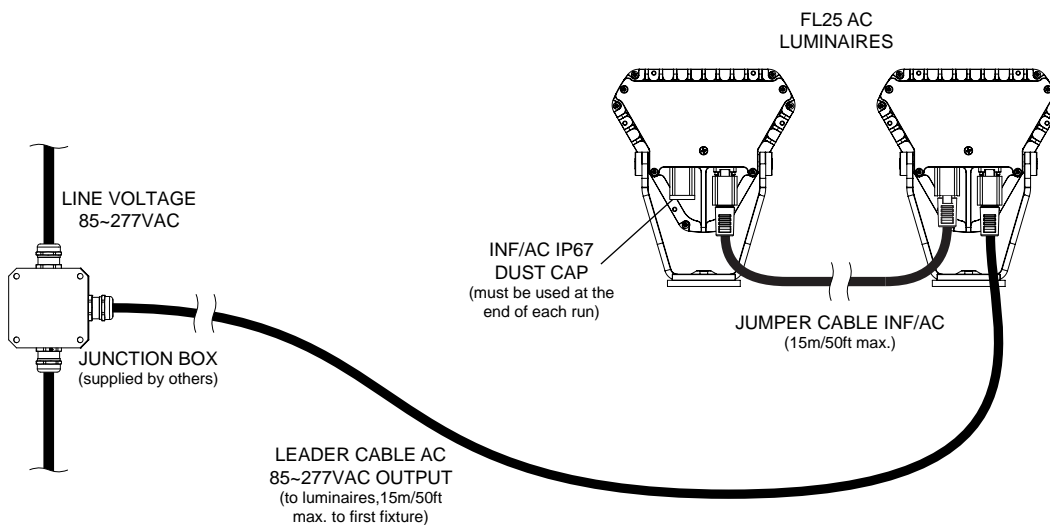
**NOTE:** Length of leader cables and jumper cables directly affects the maximum number of fixtures in a single run.



### TYPICAL SYSTEM DIAGRAM: AC (WITH NO CONTROL)

**NOTE:** Length of leader cables and jumper cables directly affects the maximum number of fixtures in a single run.

To be used with FL25 MONO fixtures only.

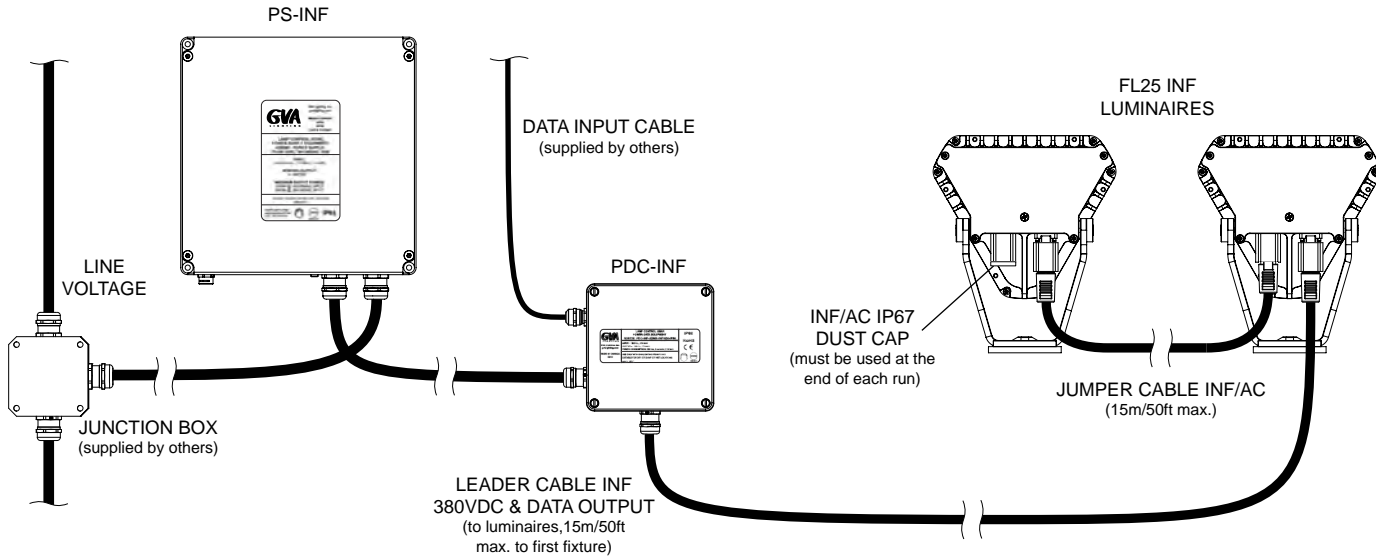


**RGBW Inner Mixing Architectural Spot and Floodlight**

**PRODUCT SPECIFICATION SHEET**

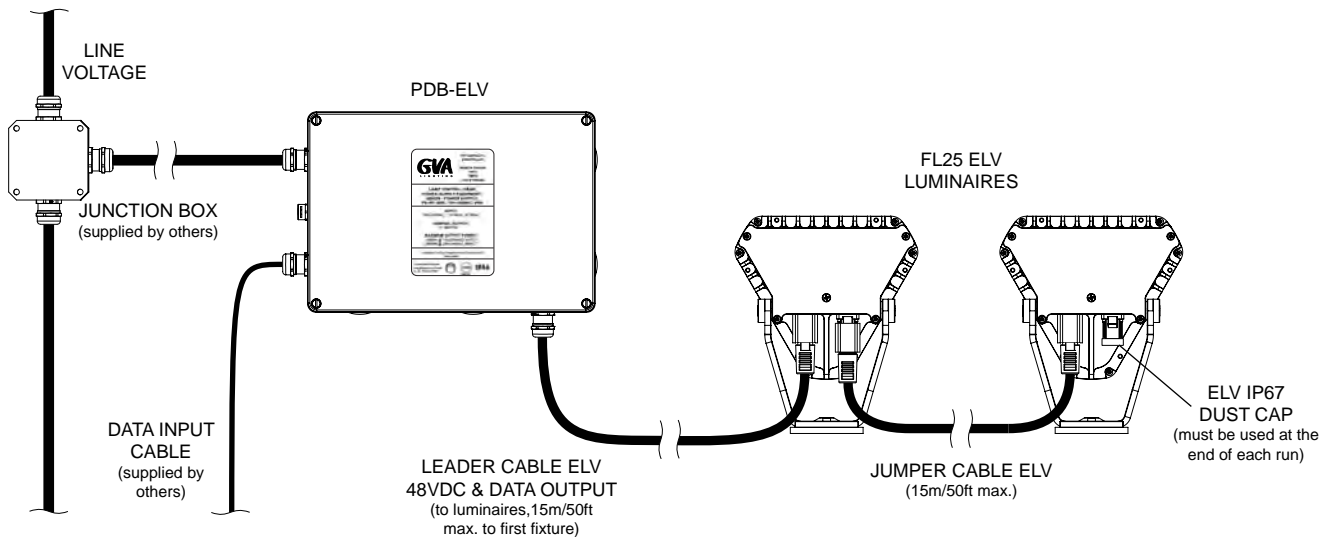
**TYPICAL SYSTEM DIAGRAM: INFINITY® (WITH CONTROL)**

**NOTE:** Length of leader cables and jumper cables directly affects the maximum number of fixtures in a single run.



**TYPICAL SYSTEM DIAGRAM: ELV (WITH CONTROL)**

**NOTE:** Length of leader cables and jumper cables directly affects the maximum number of fixtures in a single run.

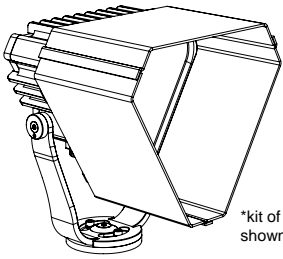


## RGBW Inner Mixing Architectural Spot and Floodlight

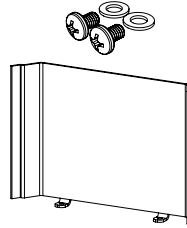
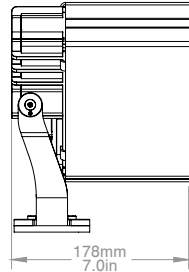
## PRODUCT SPECIFICATION SHEET

### ORDERING LOGIC: ACCESSORIES

#### VISORS



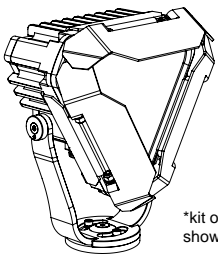
\*kit of 3 shown



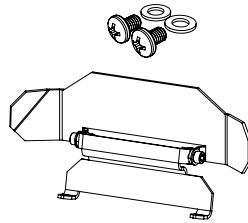
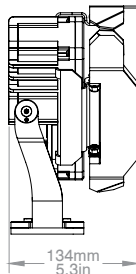
COLOR	KIT OF 1	KIT OF 2	KIT OF 3
Clear Matte Anodized	122397	122400	122403
Black Matte Anodized	122398	122401	122404
Custom Color	122399	122402	122405

\* kit includes mounting hardware

#### BARN DOORS



\*kit of 3 shown

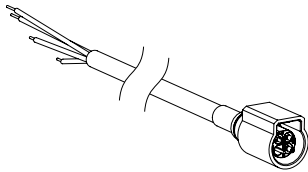


COLOR	KIT OF 1	KIT OF 2	KIT OF 3
Clear Matte Anodized	122407	122410	122413
Black Matte Anodized	122408	122411	122414
Custom Color	122409	122412	122415

\* kit includes mounting hardware

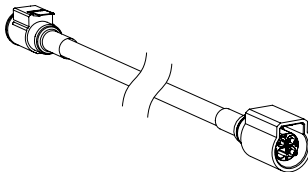
### ORDERING LOGIC: COMMON COMPONENTS

#### LEADER CABLES



NOMINAL LENGTH	ELV	INF	AC
3m (10ft)	140723	140725	140858
9m (30ft)	140733	140710	140859
15m (50ft)	140724	140726	140860
CUSTOM	140732	140727	140861

#### JUMPER CABLES



NOMINAL LENGTH	ELV	INF/AC
0.9m (3ft)	140729	140709
1.8m (6ft)	140730	140734
3.6m (12ft)	140731	140735
CUSTOM	140728	140708

#### CONNECTOR DUST CAP, IP67 (must be used at the end of each run)



ELV	INF/AC
231182	230855