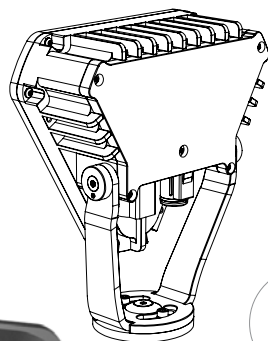
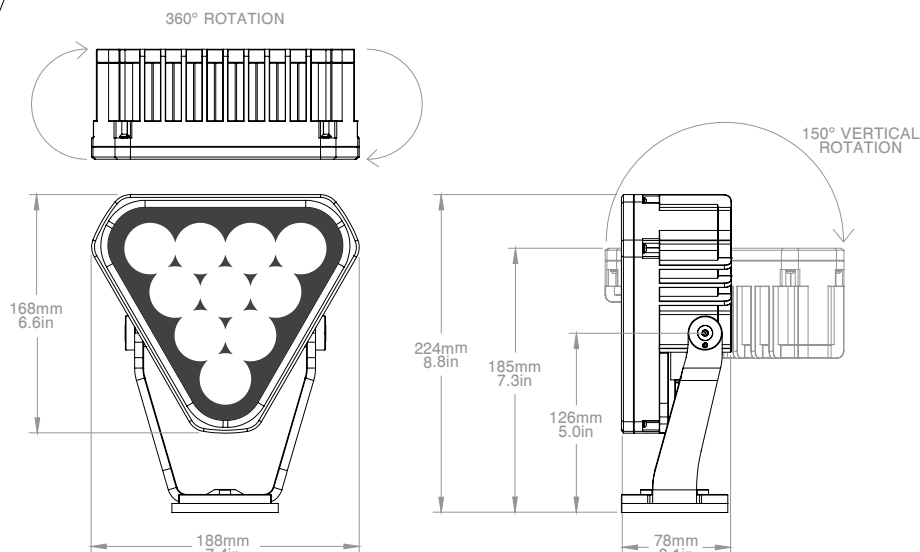


## Monochromatic Architectural Spot and Floodlight

## PRODUCT SPECIFICATION SHEET



DATE:	
TYPE:	
COMPANY:	
PROJECT:	



## FEATURES:

- Ultra narrow 4.5° beam angle
- INFINITY<sup>®</sup> Technology compatible (INF)
- Built-in high temperature power supply (AC)
- Plug-and-play with STR9<sup>®</sup> luminaires
- IP66 sealed body design
- 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

## OPTIONS:

- Wide range of LED colors available
- Beam angles ranging from 4° to 85° with elliptical distribution options
- Optical accessories for glare control
- Clear matte and black matte standard anodized 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 MONOCHROMATIC

FAMILY	BODY COLOR	LED COLOR	OPTICS(FWHM)*	VOLTAGE	MOUNTING OPTION
FL25	BM - Black Matte Anodized	2200K <sup>1</sup>	4 - 4.5°x4.5°	ELV - 48VDC	SM120 - Surface Mount 120mm
	CM - Clear Matte Anodized	2700K	7 - 7°x7°	INF - 380VDC	SM200 - Surface Mount 200mm <sup>1</sup>
	CUST - Custom Color <sup>1</sup>	3000K	10 - 10°x10°	AC277 - 85~277VAC	SM300 - Surface Mount 300mm <sup>1</sup>
		3500K	20 - 20°x20°		SM400 - Surface Mount 400mm <sup>1</sup>
		4000K	40 - 40°x40°		SM500 - Surface Mount 500mm <sup>1</sup>
		5000K	55 - 55°x55°		SMXXX - Surface Mount Custom <sup>1</sup> (specify length)
		6500K	75 - 75°x75°		TM120 - Tenon Mount 120mm <sup>1</sup>
	GR - Green		85 - 85°x85°		PM - Pole Mount <sup>1</sup>
	RD - Red		10x40 - 10°x40° H		
	BL - Blue		40x10 - 40°x10° V		
	AM - Amber <sup>1</sup>		10x60 - 10°x60° H		
	RO - Red Orange <sup>1</sup>		60x10 - 60°x10° V		
	BG - Bluish Green <sup>1</sup>		30x55 - 30°x60° H		
	RB - Royal Blue <sup>1</sup>		55x30 - 60°x30° V		

## 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.

## Monochromatic Architectural Spot and Floodlight

## PRODUCT SPECIFICATION SHEET

## PRODUCT SPECIFICATIONS: FL25 MONOCHROMATIC

ELECTRICAL	Rated Input Voltage		48VDC		380VDC		85~277VAC		
	Power Consumption (max.)		25W		25W		30W		
OPTICAL	Light Source		10 x High Power LEDs						
	CRI		80 <sup>1</sup>						
	Output (typical)  4°	Color	Wave Length (nm)	Luminous Flux (lm)	Peak Intensity (cd)	Luminous Flux (lm)	Peak Intensity (cd)	Luminous Flux (lm)	Peak Intensity (cd)
		4000K <sup>3</sup>		1,850	134,310	1,665	120,880	1,480	107,450
		Red	620	N/A	N/A	N/A	N/A	N/A	N/A
		Green	525	N/A	N/A	N/A	N/A	N/A	N/A
	Output (typical) <sup>2</sup>  7°	4000K <sup>3</sup>		2,300	102,060	2,070	91,850	1,840	81,650
		Red	620	N/A	N/A	N/A	N/A	N/A	N/A
		Green	525	N/A	N/A	N/A	N/A	N/A	N/A
		Blue	470	N/A	N/A	N/A	N/A	N/A	N/A
Optics		High optical efficiency PMMA TIR Optics, Micro Lense Film, Tempered Glass Cover Lens							
Beam Angle (FWHM)		4 (4.5°X4.5°), 7 (7°x7°), 10 (10°x10°), 20 (20°x20°), 40 (40°x40°), 55 (55°x55°), 75 (75°x75°), 85 (85°x85°), 10x40 (10°x40°), 40x10 (40°x10°), 10x60 (10°x60°), 60x10 (60°x10°), 30x55 (30°x55°), 55x30 (55°x30°)							
Projected Lumen Maintenance		L70 > 60,000hrs @ Ta =50°C (122°F)							
CONTROL	Control Interface		DMX control through GVA's Power-Data Equipment						
PHYSICAL	Body 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		Anodized 6061 Aluminum Alloy						
	Fixture Connections		IP68 Connectors						
	Rated Operation Temperature		-40°C (-40°F) to +50°C (122°F)						
CERTIFICATION & SAFETY	Environment		Dry, Damp or Wet Locations, 0-100% humidity						
	Listings		RoHS, REACH						
	IEC Classifications		Class 1 LED Luminaire						
<div></div>			<div>Constructed to meet requirements outlined in UL1598 &amp; IEC60598</div> <div>Constructed to meet ANSI C136.31 3G Vibration standard for bridge and overpass applications</div>						

1. Minimum 90 CRI also available.
2. Measured with 7° fixture configuration. Luminous flux may be lower with other configurations.
3. Warmer color temperatures typically have a lower lumen output.

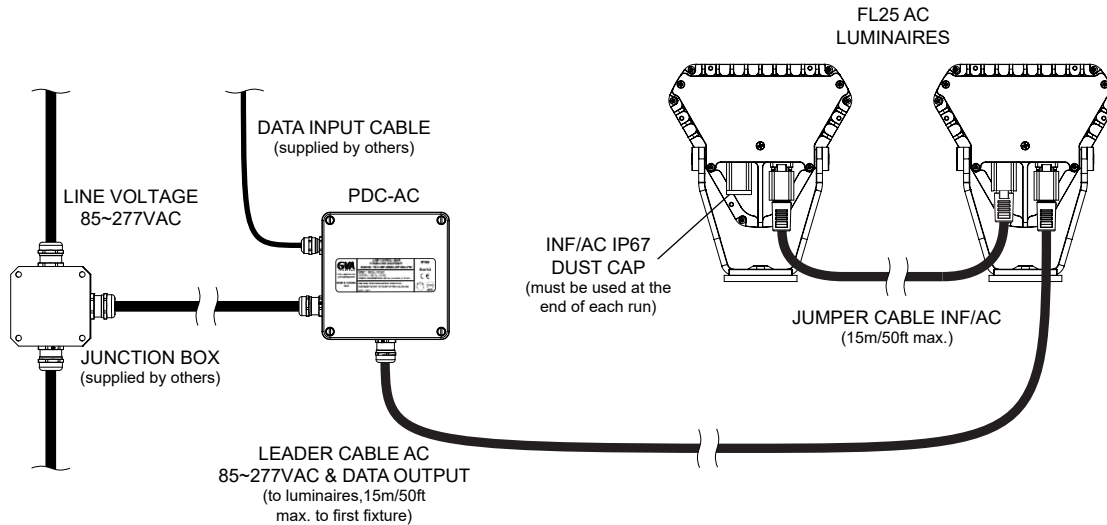
These figures are subject to change due to further development and innovations of LED light sources.

## Monochromatic Architectural Spot and Floodlight

## PRODUCT SPECIFICATION SHEET

## TYPICAL SYSTEM DIAGRAM: AC (WITH CONTROL)

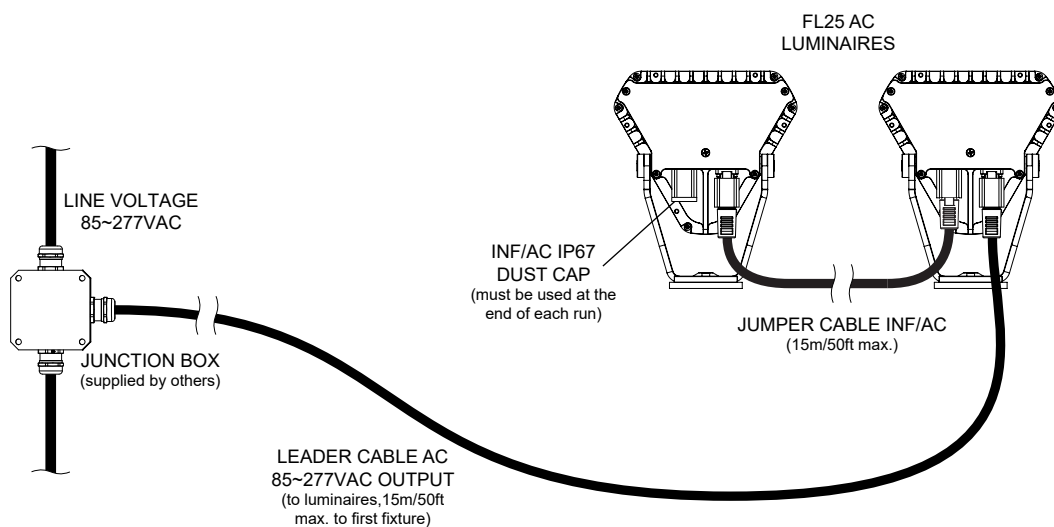
**NOTE:** Length of leader cables and jumper cables directly affects the maximum number of fixtures in a single run.



## 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.

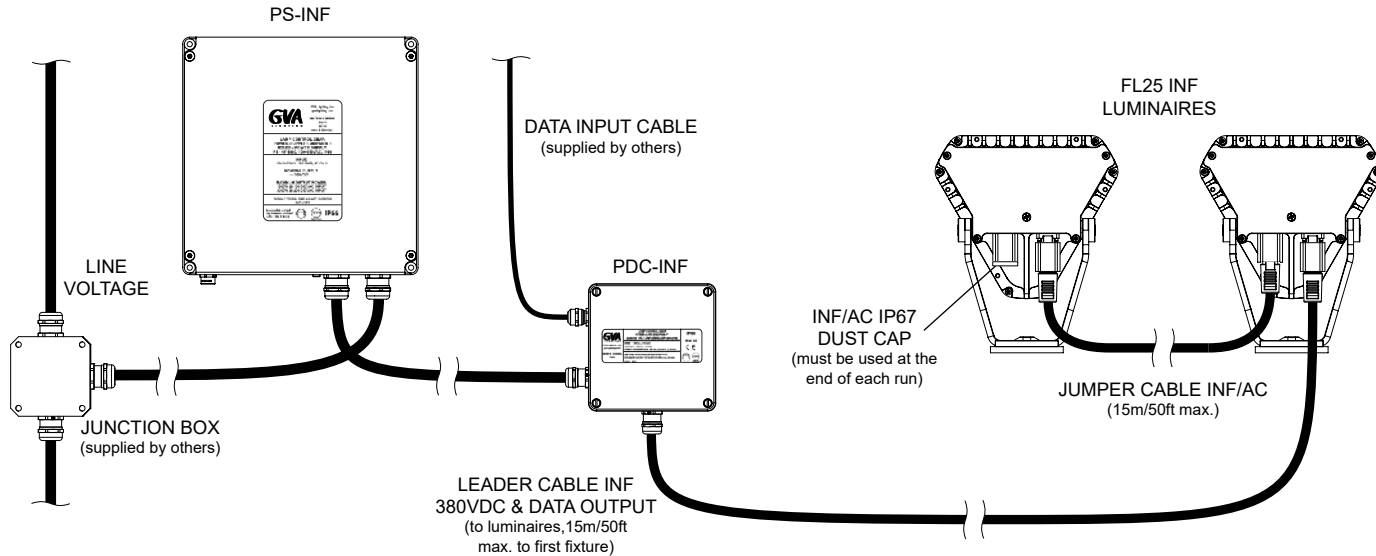


## Monochromatic Architectural Spot and Floodlight

## PRODUCT SPECIFICATION SHEET

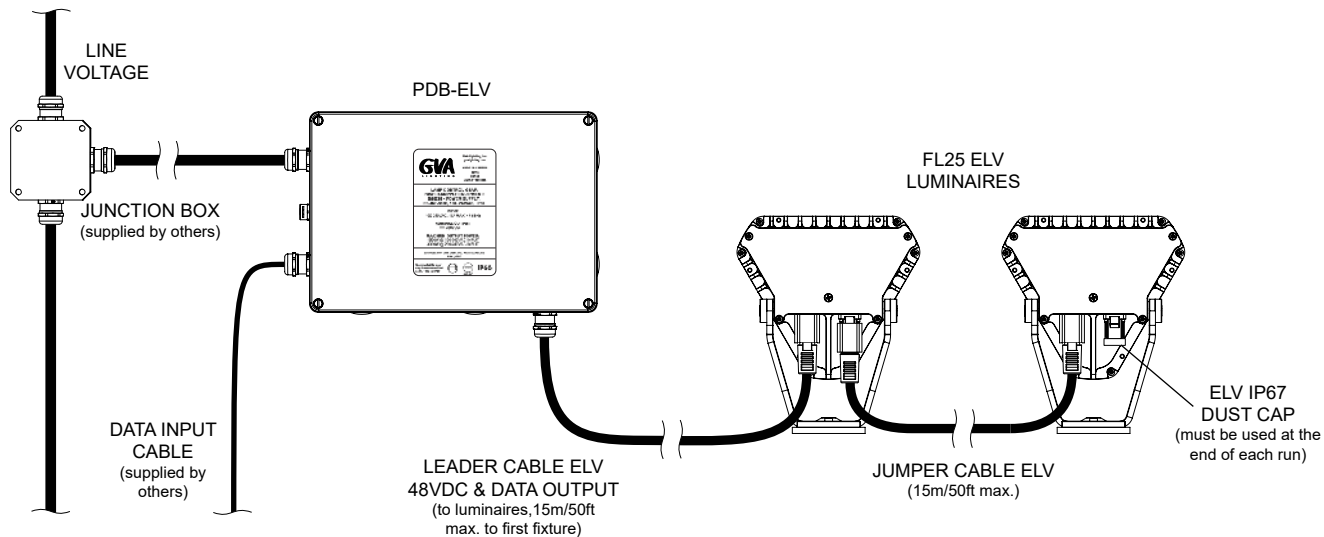
TYPICAL SYSTEM DIAGRAM: INFINITY<sup>®</sup> (WITH CONTROL)

**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.

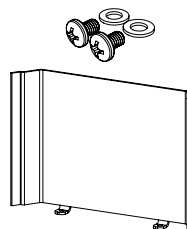
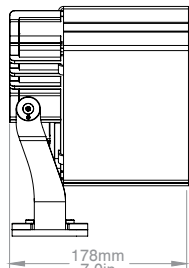
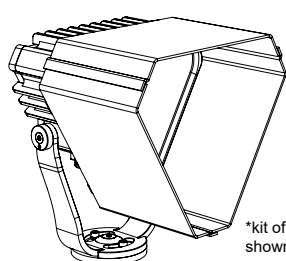


## Monochromatic Architectural Spot and Floodlight

## PRODUCT SPECIFICATION SHEET

## ORDERING LOGIC: ACCESSORIES

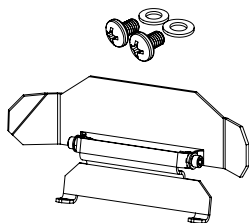
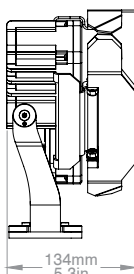
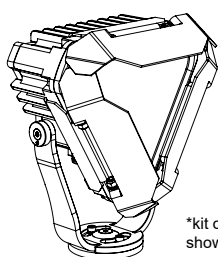
## VISORS



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

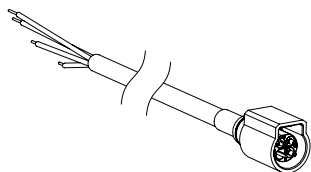


COLOR	KIT OF 1	KIT OF 2	KIT OF 3
Clear Matte Anodized	122407	122410	122413
Black Matte Anodized	122408	122411	122414
Custom Color	122409	122412	122415

\* kit includes mounting hardware

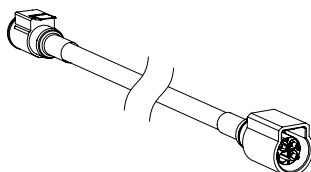
## ORDERING LOGIC: COMMON COMPONENTS

## 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