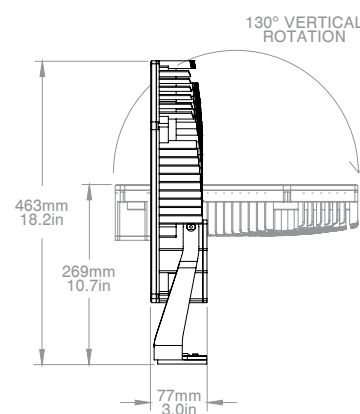
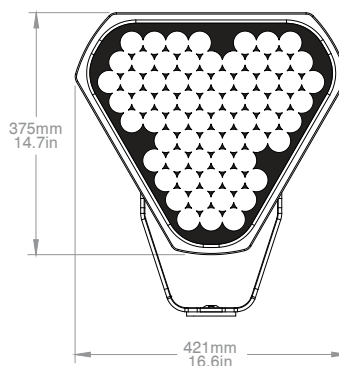
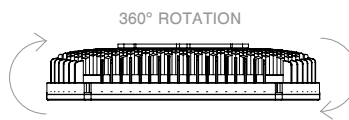
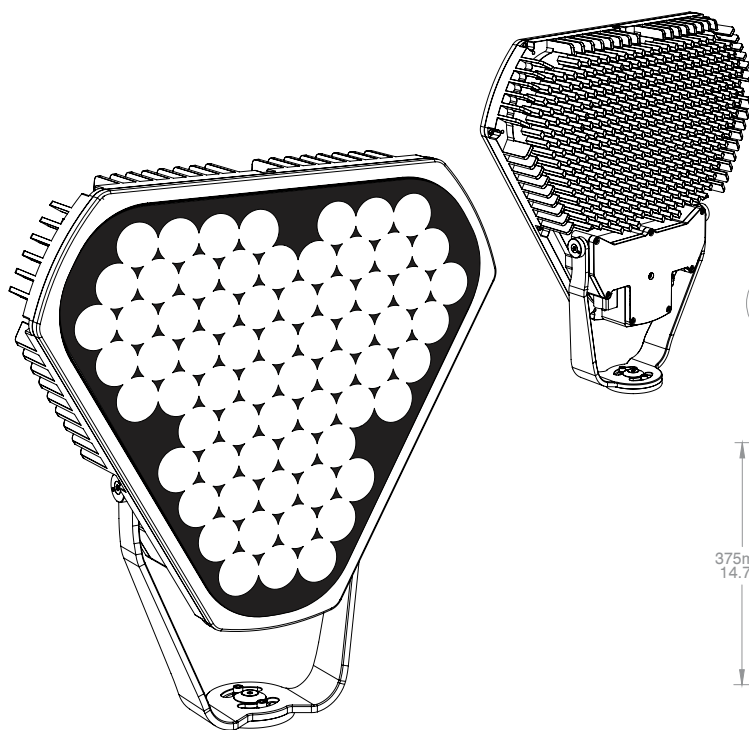


Monochromatic Architectural Spot and Floodlight

PRODUCT SPECIFICATION SHEET



*SM bracket mounting option shown.
See page 2 for more mounting options.

FEATURES:

- Over 16,500 Lumen delivered (ELV)
- Ultra narrow 4° beam angle
- Compact size, only 86mm (3.34in) in depth
- Weight of only 8.5kg (18.73lbs)
- Advanced thermal design with cutting-edge manufacturing process and materials
- Highly adjustable with 360° horizontal rotation and 130° vertical rotation
- INFINITY[®] Technology compatible (INF)
- Built-in high temperature power supply (AC)
- Plug-and-play with STR9[®] luminaires

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 (85~264VAC or 85~277VAC) input options
- Range of bracket lengths and mounting options

SPECIFICATION LOGIC: FL200™ MONOCHROMATIC

FAMILY	BODY COLOR	LED COLOR	OPTICS(FWHM)*	VOLTAGE	MOUNTING OPTION
FL200	BM - Black Matte Anodized CM - Clear Matte Anodized CUST - Custom Color ¹	2200K ¹	4 - 4.5°x4.5°	ELV - 48VDC INF - 380VDC AC - 85~264VAC AC277 - 85~277VAC	SM120 - Surface Mount 120mm ¹ SM200 - Surface Mount 200mm SM300 - Surface Mount 300mm ¹ SM400 - Surface Mount 400mm ¹ SM500 - Surface Mount 500mm ¹ SMXXX - Surface Mount Custom ¹ (specify length) TM200 - Tenon Mount 200mm ¹ PM - Pole Mount ¹
		2700K	7 - 7°x7°		
		3000K	10 - 10°x10°		
		3500K	20 - 20°x20°		
		4000K	40 - 40°x40°		
		5000K	55 - 55°x55°		
		6500K	75 - 75°x75°		
		GR - Green	85 - 85°x85°		
		RD - Red	10x40 - 10°x40° H		
		BL - Blue	40x10 - 40°x10° V		
		AM - Amber ¹	10x60 - 10°x60° H		
		RO - Red Orange ¹	60x10 - 60°x10° V		
		BG - Bluish Green ¹	30x55 - 30°x60° H		
		RB - Royal Blue ¹	55x30 - 60°x30° V		

PRODUCT CONFIGURATION

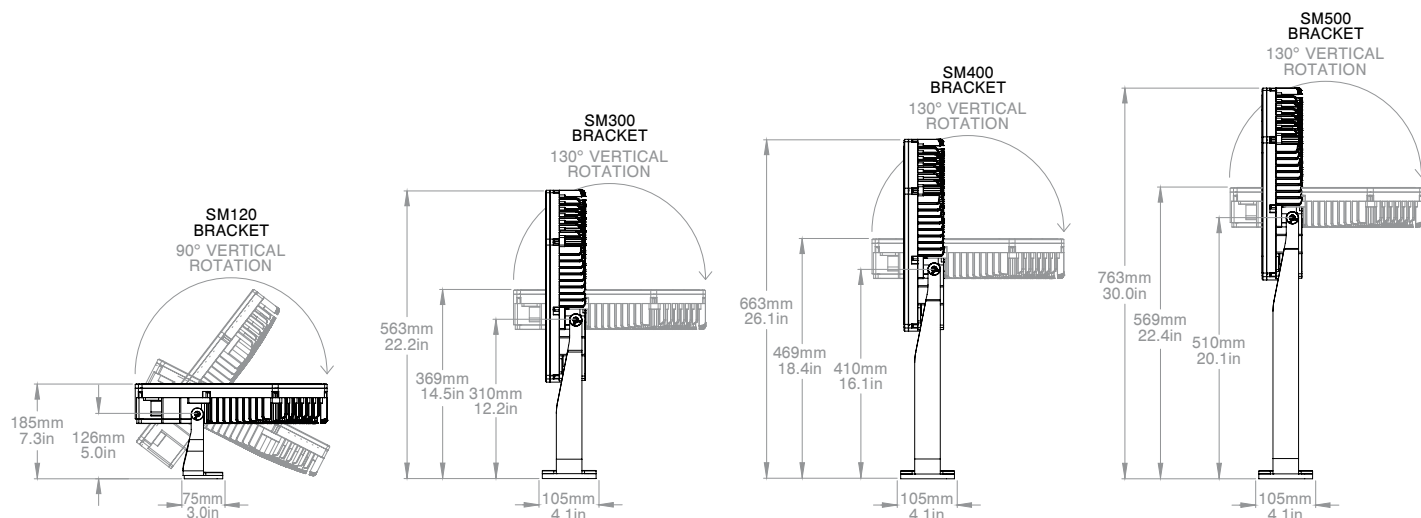
1. Non standard option and might require longer leadtime than usual. Contact factory for details.

Nominal values are used. Actual measurements may differ slightly.

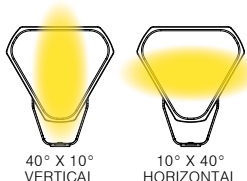

Monochromatic Architectural Spot and Floodlight

PRODUCT SPECIFICATION SHEET

FL200™ MOUNTING BRACKET OPTIONS



PRODUCT SPECIFICATIONS: FL200™ MONOCHROMATIC

ELECTRICAL		Rated Input Voltage		48VDC	380VDC	85~264VAC				
		Power Consumption (max.)		220W	220W	220W				
OPTICAL	Light Source		69 x High Power LEDs							
	CRI		80'							
	Output (typical)	Color	Wave Length (nm)	Luminous Flux (lm)	Peak Intensity (cd)	Luminous Flux (lm)	Peak Intensity (cd)	Luminous Flux (lm)	Peak Intensity (cd)	
		4000K ³	N/A	13,300	950,000	12,000	870,000	10,750	789,000	
		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	
	4°	Blue	470	N/A	N/A	N/A	N/A	N/A	N/A	
		Output (typical) ²	4000K ³	N/A	16,560	734,900	14,900	661,000	13,400	594,000
			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	Size (HxWxD)		463 x 415 x 86 mm (18.2 x 16.3 x 3.38 in)							
	Weight		8.5 kg (18.73 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							
							Constructed to meet requirements outlined in UL1598 & IEC60598			

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.

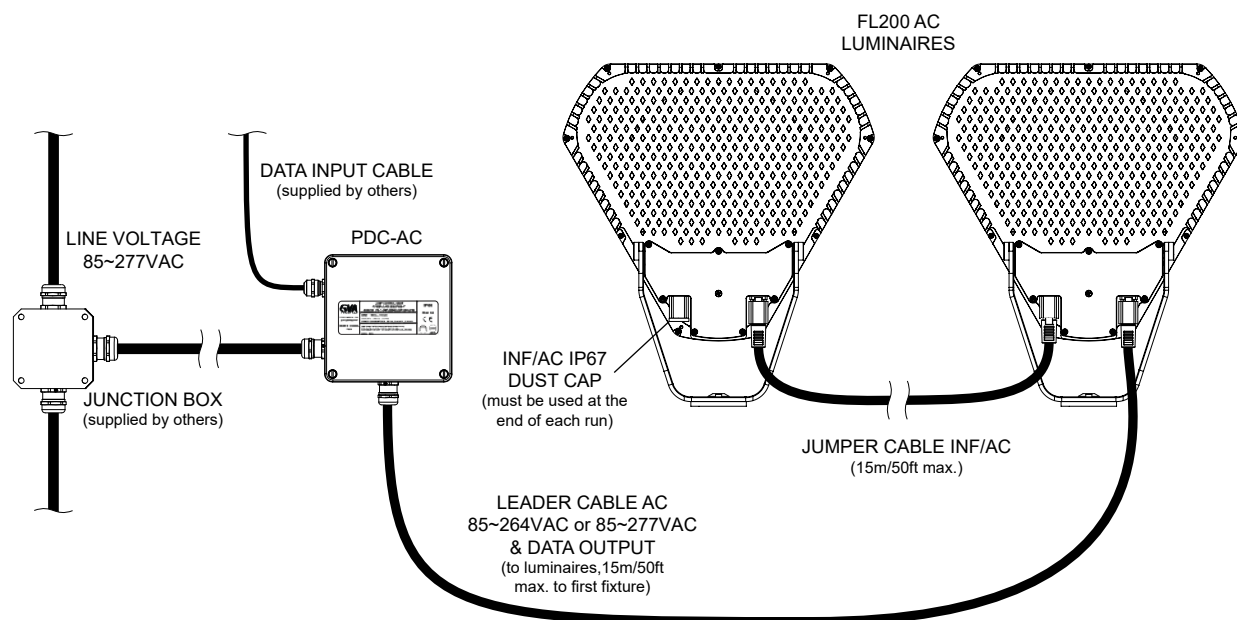
These figures are subject to change due to further development and innovations of LED light sources.

Monochromatic Architectural Spot and Floodlight

PRODUCT SPECIFICATION SHEET

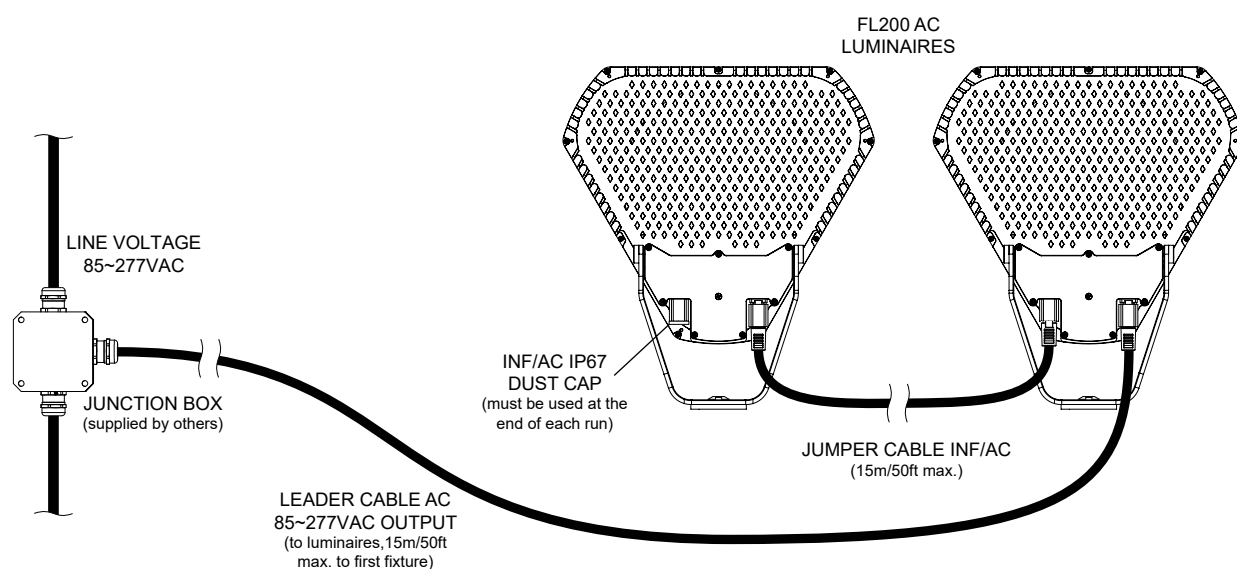
TYPICAL SYSTEM DIAGRAM: AC (WITH CONTROL)

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.

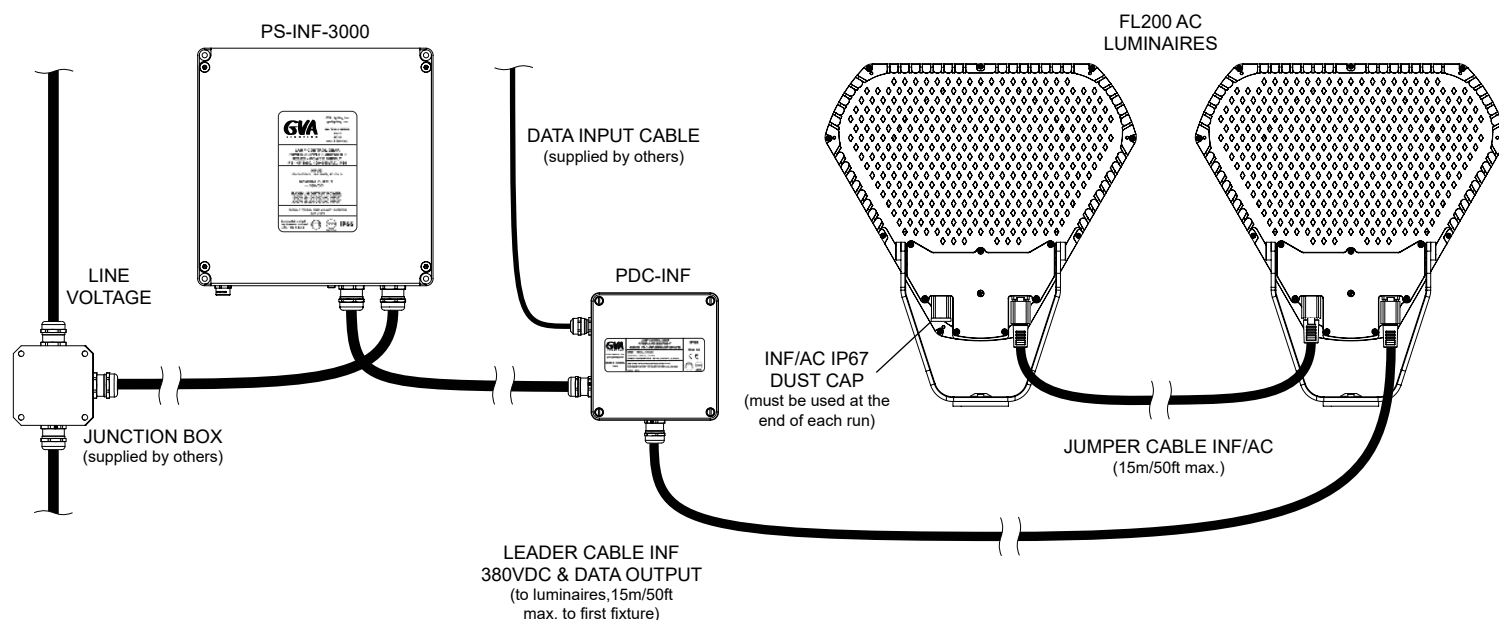


Monochromatic Architectural Spot and Floodlight

PRODUCT SPECIFICATION SHEET

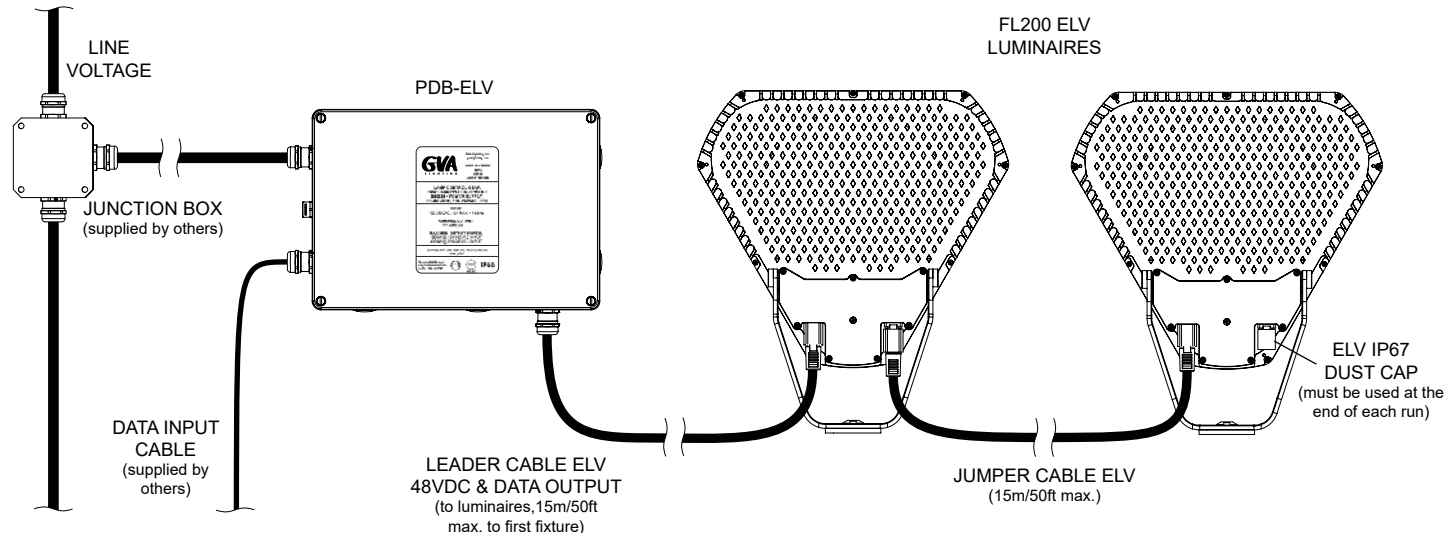
TYPICAL SYSTEM DIAGRAM: INFINITY® (WITH CONTROL)

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.

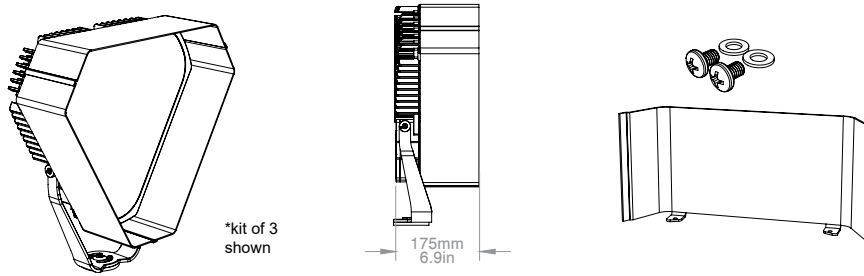


Monochromatic Architectural Spot and Floodlight

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: ACCESSORIES

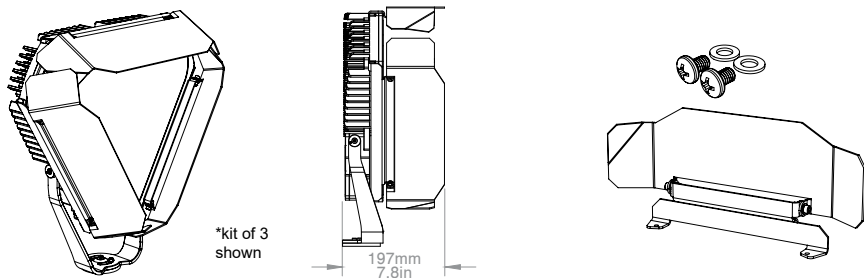
VISORS



COLOR	KIT OF 1	KIT OF 2	KIT OF 3
Clear Matte Anodized	122526	122529	122532
Black Matte Anodized	122527	122530	122533
Custom Color	122528	122531	122534

* kit includes mounting hardware

BARN DOORS

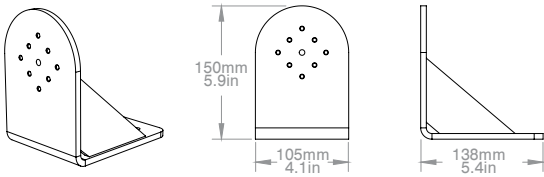


COLOR	KIT OF 1	KIT OF 2	KIT OF 3
Clear Matte Anodized	122535	122538	122541
Black Matte Anodized	122536	122539	122542
Custom Color	122537	122540	122543

* kit includes mounting hardware

ORDERING LOGIC: COMMON ACCESSORIES

90 DEG ANGLE ADAPTERS

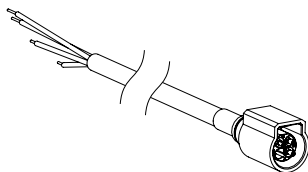


COLOR	PART NUMBERS
Clear Matte Anodized	121718
Black Matte Anodized	121719
Custom Color	121720

* for use with SM300, SM400, or SM500 brackets

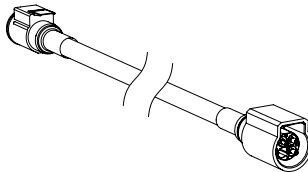
ORDERING LOGIC: COMMON COMPONENTS

LEADER CABLES



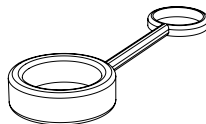
NOMINAL LENGTH	ELV	INF	AC
3m (10ft)	140723	140725	140858
9m (30ft)	140733	140710	140859
15m (50ft)	140724	140726	140860
CUSTOM	140732	140727	140861

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