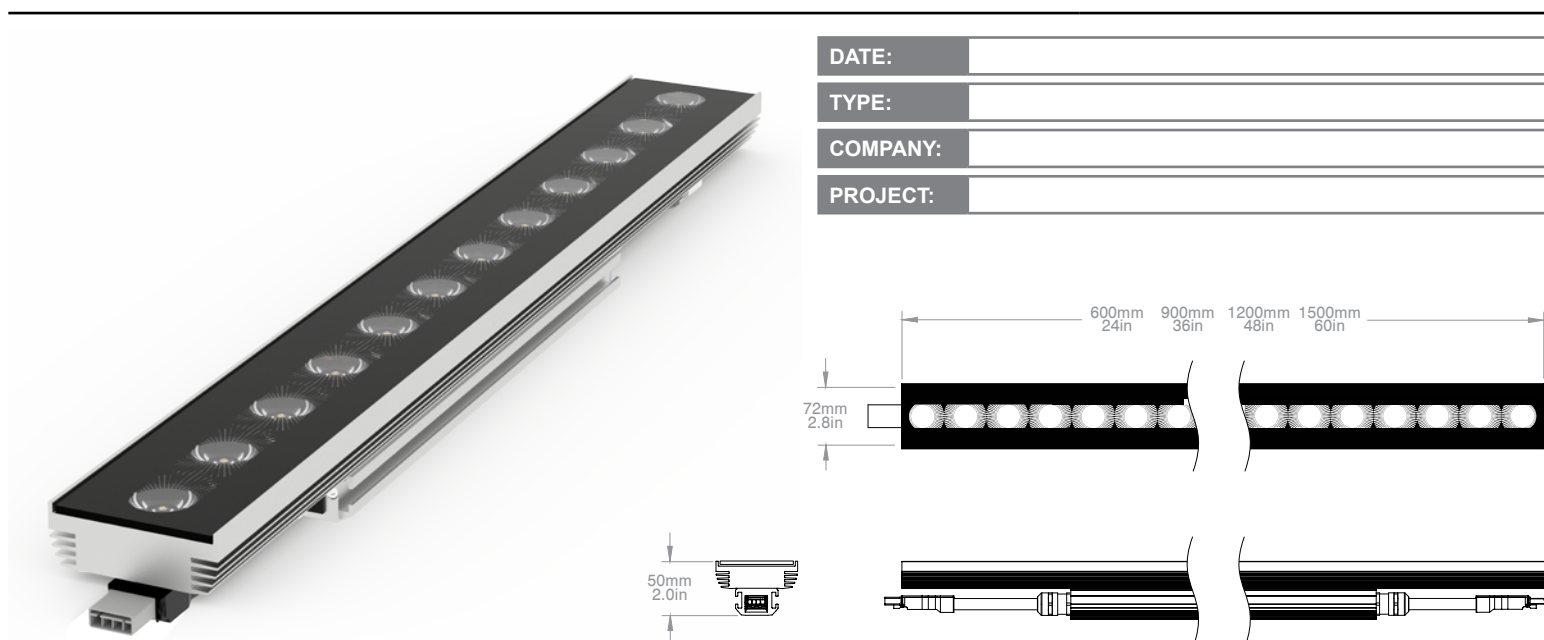


Monochromatic Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET



FEATURES:

- Up to 3000 delivered lumens/meter (900 lumens/foot)
- Superior quality of white light: excellent LED to LED color consistency and specified color over angle
- Diffusing optical film creates uniform light output immediately adjacent to luminaire
- LED pitch is maintained within and between luminaires (no dark spots between fixtures)
- DMX, DALI or 0~10V dimming through GVA's power-data equipment
- Through wiring for end-to-end connection via snap-in connectors
- Compact size, only 50mm (2.0in) high x 72mm (2.8in) wide
- Four standard nominal lengths: 600mm (2ft), 900mm (3ft), 1200mm (4ft) and 1500mm (5ft)
- IP50 rated simplified indoor construction for reduced fixture cost
- Projected lifetime: L70 > 54,000hrs @ $t_a = 50^\circ\text{C}$ (122°F)
- Operating temperatures: 0°C (32°F) to $+50^\circ\text{C}$ (122°F)
- Optically clear tempered glass lens (no yellowing over time)
- 8 adjustable and 3 non-adjustable mounting brackets
- Guaranteed long life time and high performance, no electrolytic capacitors in all DC designs

OPTIONS:

- INFINITY® Technology for exceptionally long runs from a single power source
- Power Options: 5W (ASHRAE/IESNA), 10W, and 15W per 300mm (1ft)
- Custom lengths: 300¹ or 1800¹
- Glare control louvers
- Custom LED color combinations
- Non-standard beam distributions available
- Maximum lumen output adjustable during commissioning

SPECIFICATION LOGIC: STR9® LITE DWT

FAMILY	NOMINAL LENGTH	BODY COLOR	POWER (per 300mm/1ft)	LED COLOR	OPTICS (FWHM)	INPUT VOLTAGE
STR9-LITE	300 ¹	BM - Black Matte Anodized	5W - ASHRAE/IESNA	2700K	10 - 10°x10°	ELV - 24VDC or 48VDC ^{2,3} INF - 380VDC ⁴
	600 900 1200 1500 1800 ¹	CM - Clear Matte Anodized	7.5W 15W	3000K 3500K ⁵ 4000K 5000K 6500K RD - Red AM - Amber GR - Green BL - Blue RB - Royal Blue	30 - 30°x30° 60 - 60°x60° 80 - 80°x80° 10x60 - 10°x60° 30x60 - 30°x60° Other Distributions available. Consult Factory	

PRODUCT CONFIGURATION

- 1 - Custom; consult factory, some restrictions apply
 2 - For short/medium runs; 300mm (1ft) addressability for dimming; remote power-data equipment required
 3 - For landscape lighting use 24VDC power-data equipment
 4 - For long runs; full luminaire addressability for dimming; remote INFINITY® power-data equipment required
 5 - Does not conform to strict color-over-angle specification

Monochromatic Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

PRODUCT SPECIFICATIONS: STR9® LITE DWT

Nominal Length			300'	600	900	1200	1500	1800'
Electrical	Rated Input Voltage	24VDC, 48VDC or 380VDC						
	Power Consumption @ 380VDC Input	5W	5W	10W	15W	20W	25W	30W
		7.5W	7.5W	15W	30W	40W	50W	60W
		10W	10W	30W	45W	60W	75W	90W
Optical	Power Consumption @ 48VDC Input							
	Light Source	6 x Nichia 219 LEDs per 300mm (1ft)						
	CRI	83						
	Lumen Output (typical)	5W	400	800	1200	1600	2000	2400
		10W	600	1200	1800	2400	3000	3600
	Optic	High optical efficiency PMMA Lens, Micro Lens Film, Tempered Glass Cover Lens						
Control	Beam Angle (FWHM)	10°, 30°, 60°, 80°, 10°x60°, 30°x60°						
	Projected Lumen Maintenance	L70 > 54,000hrs @ t _a = 50°C (122°F)						
	Control Protocol	DMX, DALI or 0~10V control through GVA Power-Data Equipment						
Physical	Size (WxH)	mm	72.0 x 50.0					
		inches	2.83 x 1.97					
	Actual Length	mm	298	598	898	1198	1498	1798
		inches	11.7	23.5	35.4	47.165	58.976	70.787
	Weight	kg	N/A	N/A	N/A	N/A	N/A	N/A
		lbs	N/A	N/A	N/A	N/A	N/A	N/A
	Housing	Extruded aluminum body, tempered flat glass lens						
	Fixture Connections	Input and output snap-in connectors for end-to-end connection						
	Rated Operation Temperature	0°C (32°F) to +50°C (122°F)						
Certification & Safety	Minimum Starting Temperature	0°C (32°F)						
	Environment	Dry or damp locations only						
	IES Classifications	Class 1 LED Luminaire						



1 - Custom; consult factory, some restrictions apply

SELECTING LUMINAIRE VOLTAGE

24VDC

- for short runs only, up to 10.6m (35ft)
- use when class 2 circuit is required

48VDC

- for any short and medium length run, up to 21.3m (70ft)

380VDC

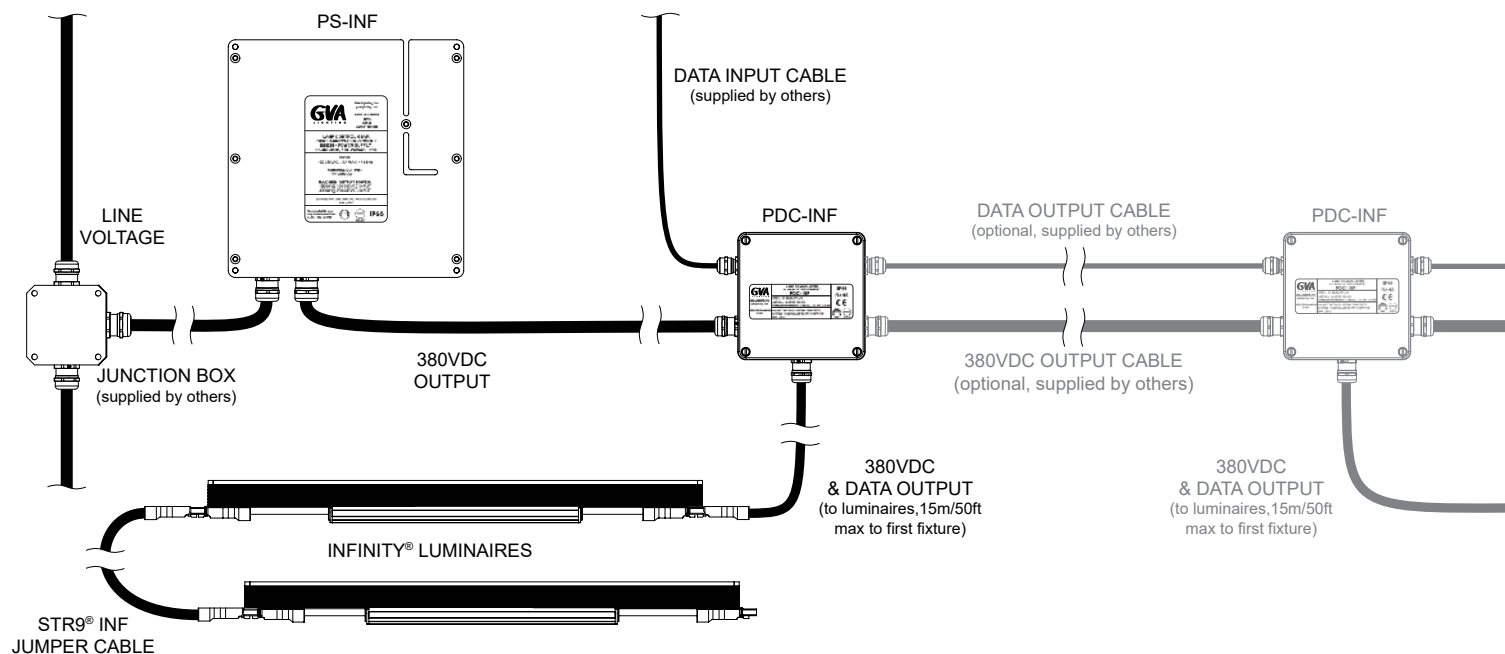
- for long runs, up to 177m (580ft)
- compatible with data center power grids
- compatible with solar and wind power

MAXIMUM RUN LENGTHS

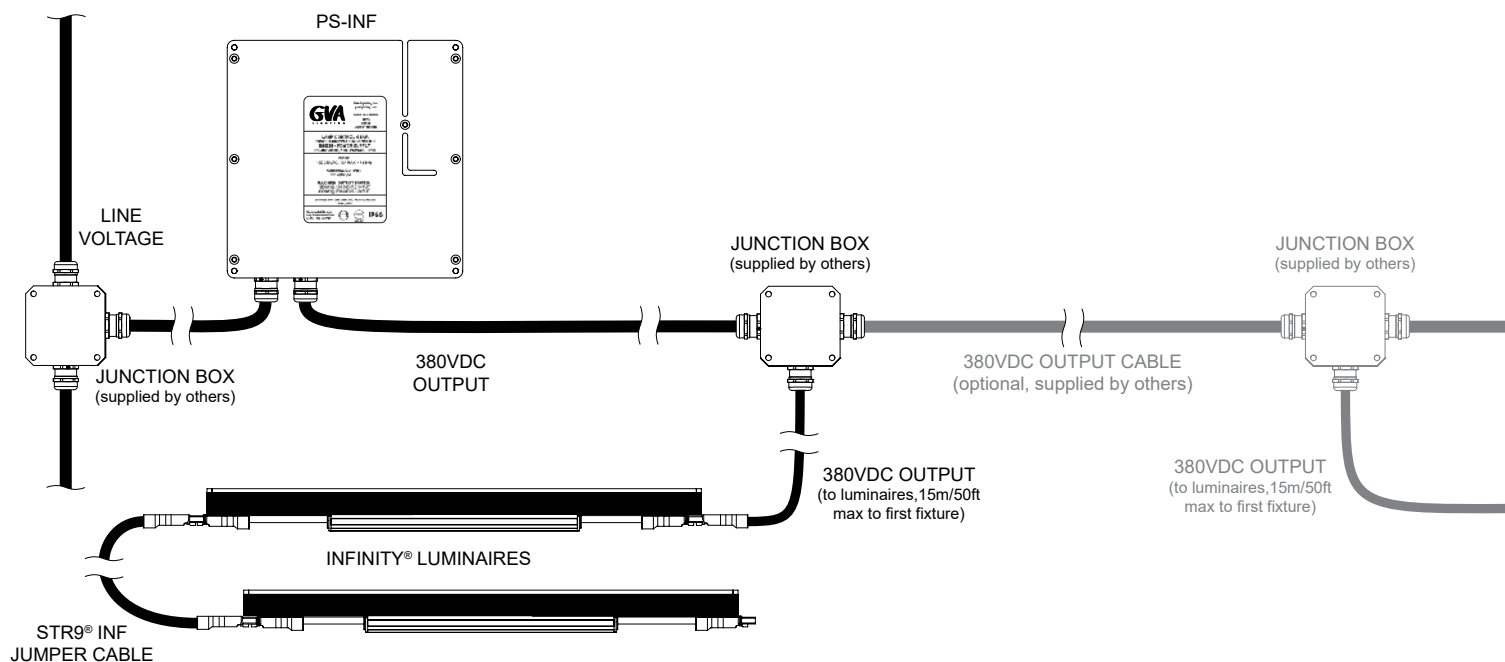
Input Voltage	Power Per 300mm (1ft)		
	5W	7.5W	10W
24VDC	10.6m (35ft)	7.0m (23ft)	3.6m (12ft)
48VDC	21.3m (70ft)	14.6m (48ft)	7.6m (25ft)
380VDC	177.0m (580ft)	120m (395ft)	61.0m (200ft)

Ratings are for 30°C, de-rating will be used for higher ambient temperatures

TYPICAL SYSTEM DIAGRAM: INFINITY® WITH CONTROL



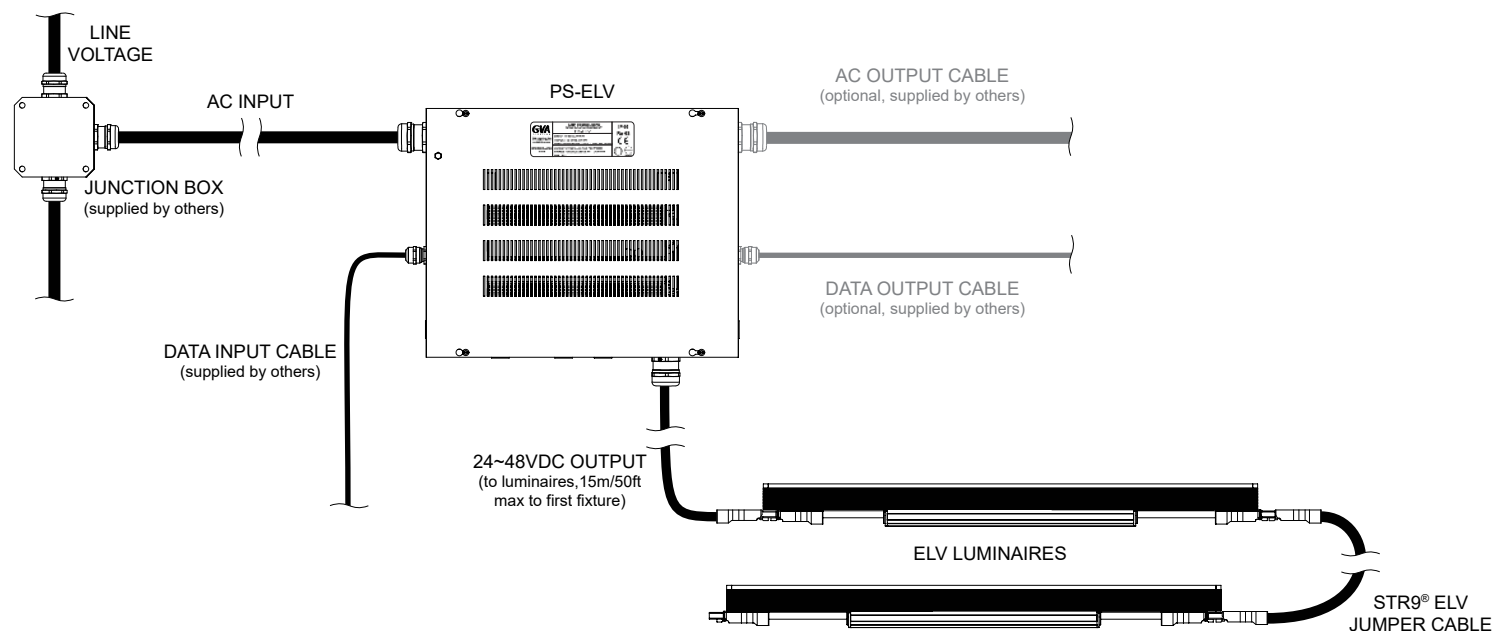
TYPICAL SYSTEM DIAGRAM: INFINITY® WITHOUT CONTROL



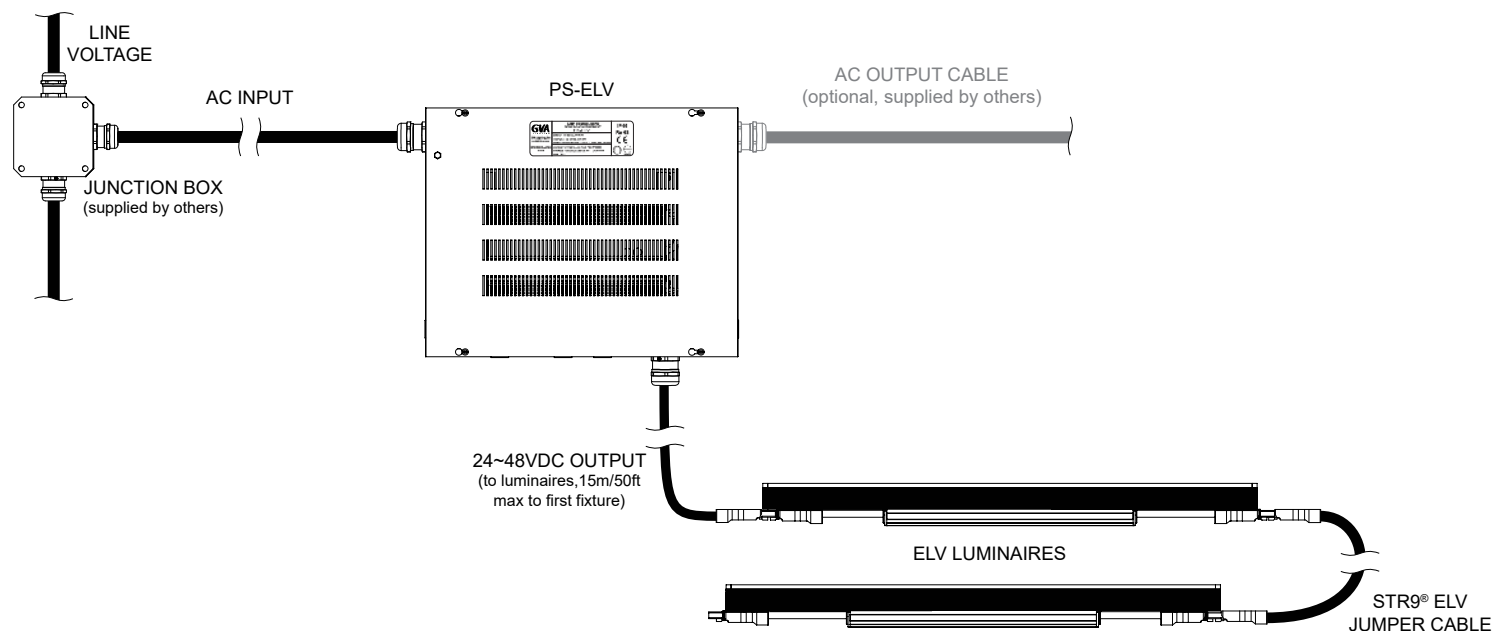
Monochromatic Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

TYPICAL SYSTEM DIAGRAM: ELV WITH CONTROL



TYPICAL SYSTEM DIAGRAM: ELV WITHOUT CONTROL

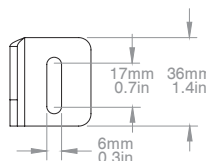
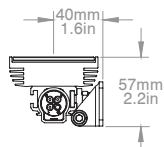


Monochromatic Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: STR9® MOUNTING ACCESSORIES

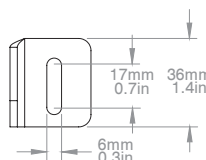
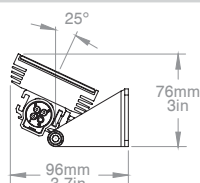
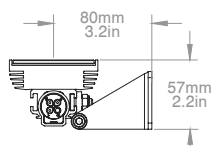
WXX - ADJUSTABLE WALL MOUNT BRACKET KIT



W40 - WALL MOUNT ADJUSTABLE

COLOR PART NUMBER

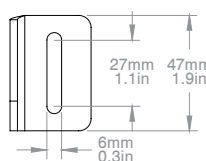
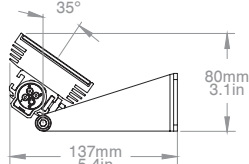
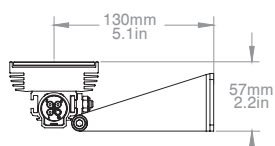
Clear Matte Anodized	121128
Black Matte Anodized	121129



W80 - WALL MOUNT ADJUSTABLE

COLOR PART NUMBER

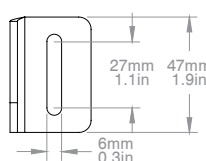
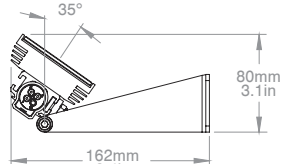
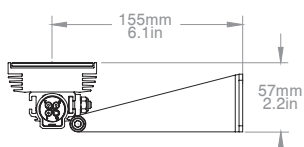
Clear Matte Anodized	121130
Black Matte Anodized	121131



W130 - WALL MOUNT ADJUSTABLE

COLOR PART NUMBER

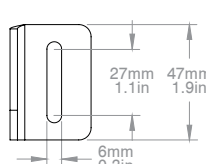
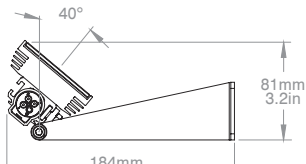
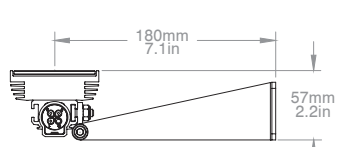
Clear Matte Anodized	121132
Black Matte Anodized	121133



W155 - WALL MOUNT ADJUSTABLE

COLOR PART NUMBER

Clear Matte Anodized	121134
Black Matte Anodized	121135

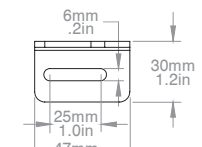
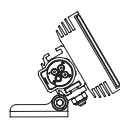
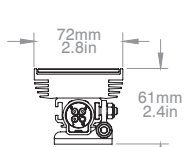


W180 - WALL MOUNT ADJUSTABLE

COLOR PART NUMBER

Clear Matte Anodized	121136
Black Matte Anodized	121137

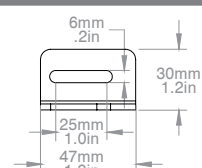
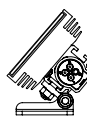
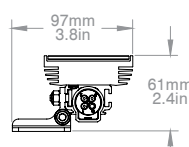
SMA-I - INSIDE ADJUSTABLE SURFACE MOUNT BRACKET KIT



COLOR PART NUMBER

Clear Matte Anodized	121138
Black Matte Anodized	121139

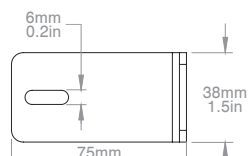
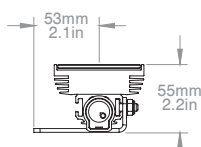
SMA-O - OUTSIDE ADJUSTABLE SURFACE MOUNT BRACKET KIT



COLOR PART NUMBER

Clear Matte Anodized	121825
Black Matte Anodized	121826

SML- SURFACE MOUNT BRACKET KIT, NON-ADJUSTABLE



COLOR PART NUMBER

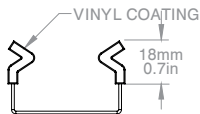
Clear Matte Anodized	121140
Black Matte Anodized	121141

Monochromatic Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

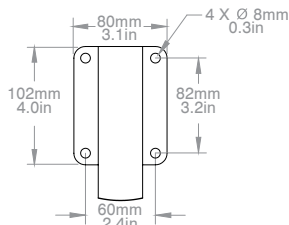
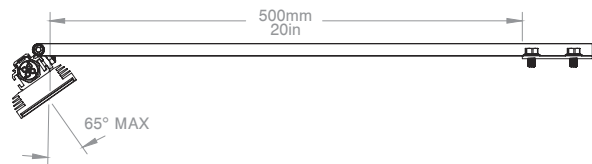
ORDERING LOGIC: STR9® MOUNTING ACCESSORIES

CLP - CLIP MOUNT KIT, NON-ADJUSTABLE



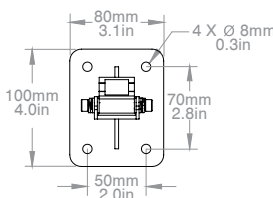
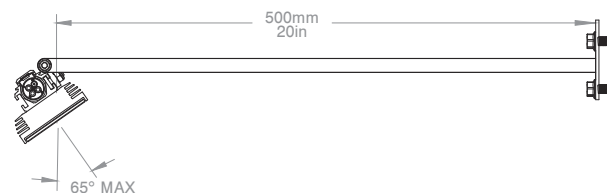
COLOR	PART NUMBER
Stainless Steel	121147

CTLX - ADJUSTABLE CANTILEVER BRACKET



CTHL - HORIZONTAL MOUNTING BRACKET

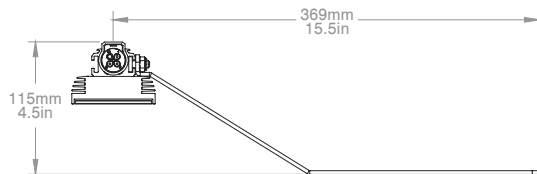
COLOR	PART NUMBER
Clear Matte Anodized	121142
Black Matte Anodized	121143



CTLV - VERTICAL MOUNTING BRACKET

COLOR	PART NUMBER
Clear Matte Anodized	121144
Black Matte Anodized	121145

MCD - CANTILEVER BRACKET, NON-ADJUSTABLE



MCD

COLOR	PART NUMBER
Stainless Steel	121146

ORDERING LOGIC: COMMON COMPONENTS

INFINITY POWER SUPPLIES, 100-240V AC

PS-INF 3000

INPUT TYPE	PART NUMBER
Single-Phase	G20220
Two-Phase	G20221

PS-INF 6000

Single-Phase	G20212
Two-Phase	G20213

INFINITY POWER-DATA CONVERTORS

PDC-INF, INF+ZH, IP66

1DMX	G20222
2DMX	G20228
0~10V DALI	G20223

ELV POWER SUPPLIES

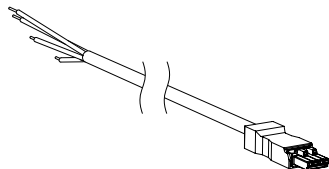
FAMILY	OUTPUT VOLTAGE		POWER (Watts)		INPUT VOLTAGE	CONSTRUCTION	
PS	ELV24		60 100	240 320	120~277V AC	IP66 - Indoor/Outdoor	
	ELV48		240 320	480 640			
FAMILY	OUTPUT VOLTAGE	POWER (Watts)		CONTROL INPUT	OUTPUT	INPUT VOLTAGE	CONSTRUCTION
PDB	ELV24	60 100	240 320	0~10V DALI	ELV+ZH - ELV Power & ZH Data	120~277V AC	IP66 - Indoor/Outdoor
	ELV48	240 320	480 640	DMX			

Monochromatic Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: COMMON COMPONENTS

STR9® LITE LEADER CABLE ELV



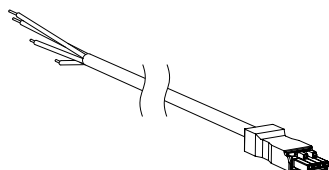
NOMINAL LENGTH

3m / 10ft
9m / 30ft
15m / 50ft
CUSTOM

PART NUMBER

140541
140370
140371
140387

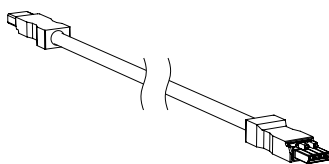
STR9® LITE LEADER CABLE INF



3m / 10ft
9m / 30ft
15m / 50ft
CUSTOM

140540
140281
140282
140385

STR9® LITE JUMPER CABLE ELV



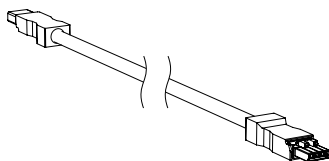
NOMINAL LENGTH

0.9m / 3ft
1.8m / 6ft
3.6m / 12ft
CUSTOM

PART NUMBER

140372
140373
140374
140388

STR9® LITE JUMPER CABLE INF



0.9m / 3ft
1.8m / 6ft
3.6m / 12ft
CUSTOM

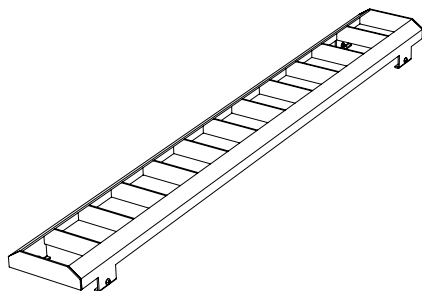
140283
140284
140285
140386

STR9® LITE CONNECTOR DUST CAP, IP67 (must be used at the end of each run)

PART NUMBER

STR9-INF
STR-ELV

STR9® LITE GLARE CONTROL LOUVERS



600mm LOUVER

COLOR

White
Black

PART NUMBER

120939
120933

900mm LOUVER

White
Black

120940
120934

1200mm LOUVER

White
Black

120941
120935

1200mm LOUVER

White
Black

120942
120936