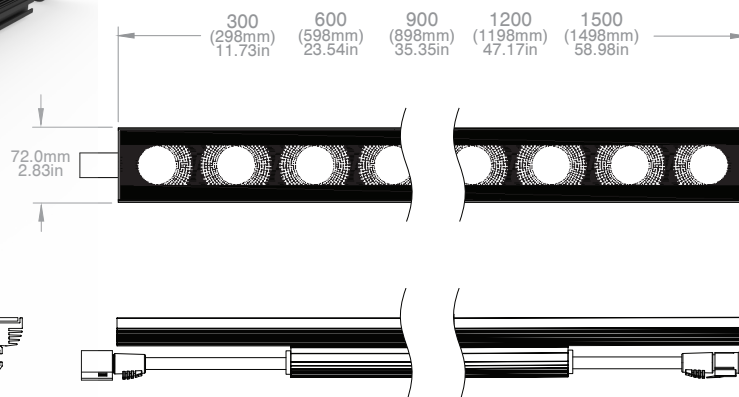




Color Changing Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET



FEATURES:

Lighting Performance:

- Up to 2040 lumens/meter (626 lumens/foot)
- COLOR-AMP® technology allows up to three times higher light output in specific colors
- Outstanding color mixing (no striations or colour separation)
- Homogenous light output immediately adjacent to luminaire
- LED pitch is maintained within and between luminaires (no dark spots between fixtures)¹
- Color match with FL Series

Mechanical Details:

- Compact size, only 56.10mm (2.21in) high x 72.00mm (2.83in) wide
- IP50 rated simplified indoor construction for reduced fixture cost
- Optically clear tempered glass lens (no yellowing over time)
- Guaranteed long life time and high performance, no electrolytic capacitors in all DC designs
- Through wiring for end-to-end connection via snap-in and lock connectors
- IK06 rated fixture body construction

Control:

- DMX control through GVA's power-data equipment
- 300mm resolution, each 300mm section can be addressed individually, self-addressing fixtures

Projected Lifetime: L70 > 65,000hrs @ $t_a = 50^\circ\text{C}$ (122°F)

Operating Temperatures: 0°C (32°F) to +50°C (122°F)

OPTIONS:

Power Source: INFINITY® Technology (INF) for exceptionally long runs from a single power source or Extra Low Voltage (ELV) for short runs, remote power supplies

Power Options: 10W, 15W or 20W per 300mm (1ft)

Nominal Length: 300mm (1ft), 343mm (1.1ft), 600mm (2ft), 900mm (3ft), 1200mm (4ft) and 1500mm (5ft)

Beam Distribution: Range of symmetrical and elliptical beam angles available

Body Color: Black matte and clear matte anodized or custom color²

Accessories:

- Adjustable and non-adjustable mounting brackets
- Glare control louvers

LED Color:

- Custom LED color combinations available²

SPECIFICATION LOGIC: STR9-LITE COLOR CHANGING

FAMILY	NOMINAL LENGTH	BODY COLOR	POWER (per 300mm/1ft)	LED COLOR	OPTICS (FWHM)	INPUT VOLTAGE
STR9-LITE	300' (ELV) 343' (INF) 600 900 1200 1500	BM - Black Matte Anodized CM - Clear Matte Anodized	10W 15W 20W	RGB RGBA RGBW30K	10 - 10° x 10° ² 12 - 12° x 12° 15 - 15°x15° 30 - 30°x30° 60 - 60°x60° 80 - 80°x80° 10x30 - 10°x30° 10x60 - 10°x60° 30x60 - 30°x60° Other distributions available; Consult factory.	ELV - 48VDC ³ INF - 380VDC ⁴

PRODUCT CONFIGURATION

1. Pitch maintained only on the input end. Please refer to CAD drawings; ELV 298 mm, INF 343 mm

2. Custom; consult factory, some restrictions apply

3. For short/medium runs; 300mm (1ft) addressability for dimming

4. For long runs; 300mm (1ft) addressability for dimming; remote INFINITY® power-data equipment required



Color Changing Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

PRODUCT SPECIFICATIONS: STR9-LITE COLOR CHANGING							
Nominal Length			300 (ELV), 343 (INF)	600	900	1200	1500
Electrical	Power Consumption @48VDC Input	Nominal Wattage					
		10W/ft	10W	20W	30W	40W	50W
		15W/ft	15W	30W	45W	60W	75W
	Power Consumption @380VDC Input	20W/ft	20W	40W	60W	75W	100W
		10W/ft	24W	34W	44W	54W	64W
		15W/ft	29W	44W	59W	74W	89W
Optical	Light Source		4 x High Power 4 in 1 LEDs per 300mm (1ft)				
	COLOR-AMP™ 10W Lumen Output (typical) ^{1,3}	Red	219lm	438lm	657lm	876lm	1095lm
		Green	286lm	572lm	858lm	1144lm	1430lm
		Blue	99lm	198lm	297lm	396lm	495lm
		Amber	169lm	338lm	507lm	676lm	845lm
		White (3000K)	392lm	784lm	1176lm	1568lm	1960lm
		All on RGB	271lm	542lm	813lm	1084lm	1355lm
		All on RGBA	276lm	552lm	828lm	1104lm	1380lm
		All on RGBW30K	345lm	690lm	1035lm	1380lm	1725lm
	COLOR-AMP™ 15W Lumen Output (typical) ^{1,3}	Red	228lm	456lm	684lm	912lm	1140lm
		Green	368lm	736lm	1104lm	1472lm	1840lm
		Blue	134lm	268lm	402lm	536lm	670lm
		Amber	189lm	378lm	567lm	756lm	945lm
		White (3000K)	495lm	990lm	1485lm	1980lm	2475lm
		All on RGB	371lm	742lm	1113lm	1484lm	1855lm
		All on RGBA	385lm	770lm	1155lm	1540lm	1925lm
		All on RGBW30K	491lm	982lm	1473lm	1964lm	2455lm
	COLOR-AMP™ 20W Lumen Output (typical) ^{1,3}	Red	321lm	642lm	963lm	1284lm	1605lm
		Green	399lm	798lm	1197lm	1596lm	1995lm
		Blue	139lm	278lm	417lm	556lm	695lm
		Amber	195lm	390lm	585lm	780lm	975lm
		White (3000K)	537lm	1074lm	1611lm	2148lm	2685lm
		All on RGB	442lm	884lm	1326lm	1768lm	2210lm
		All on RGBA	447lm	894lm	1341lm	1788lm	2235lm
		All on RGBW30K	608lm	1216lm	1824lm	2432lm	3040lm
Control	Projected Lumen Maintenance		L70 > 65,000hrs @ t ₅₀ =50°C (122°F)				
	Control Protocol		DMX control through GVA's Power-Data Equipment				
	Control Protocol for ELV or INF		DMX	300mm (1ft) resolutions			
Physical	Length		298mm or 343mm 11.73in or 13.50in	598mm 23.54in	898mm 35.35in	1198mm 47.17in	1498mm 58.98in
	Width x Height		72.00mm 2.83mm		x x	56.10mm 2.21in	
	Weight ²		0.95kg or 1.10kg 2.05lbs or 2.43lbs	1.90kg 4.20lbs	2.85kg 6.30lbs	3.80kg 8.40lbs	4.75kg 10.50lbs
	Housing & Lens		Aluminum Body and tempered flat glass lens, IK06 rated				
	Fixture Connections		IP50 input and output connectors, with audible "click" snap-in & lock				
Temperature Ranges	Rated Operation Temperature		0°C to +50°C (122°F)				
	Minimum Starting Temperature		0°C (32°F)				
	Storage Temperature		-40°C to +85°C (-22°F to 185°F)				
Certification & Safety	IES Classifications		Class 1 LED Luminaire				
	   		QPS (US Field Evaluation) or ETL (Special Electrical Equipment Inspection) where applicable CE Certified RoHS Compliant Constructed to meet requirements outlined in UL1598 & IEC60598				
	Environment		Dry or damp locations only				
			These figures are subject to change due to further development and innovations of LED light sources				

1. Measurement data provided for 10 degree beam angle fixtures.

2. Weight provided for ELV and 343 INF fixtures. To calculate weight of INF fixtures, multiply values by factor of 1.1

3. Please consult factory for most recent photometric data.

SELECTING LUMINAIRE VOLTAGE

ELV

-for short and medium runs only, up to 15m (51ft)

INF

- for long runs, up to 115m (380ft)

- compatible with data center power grids, solar and wind power

MAXIMUM RUN LENGTHS

	10W	15W	20W
ELV	15m/51ft	10m/34ft	7m/25ft
INF	115m/380ft	82m/272ft	64m/212ft

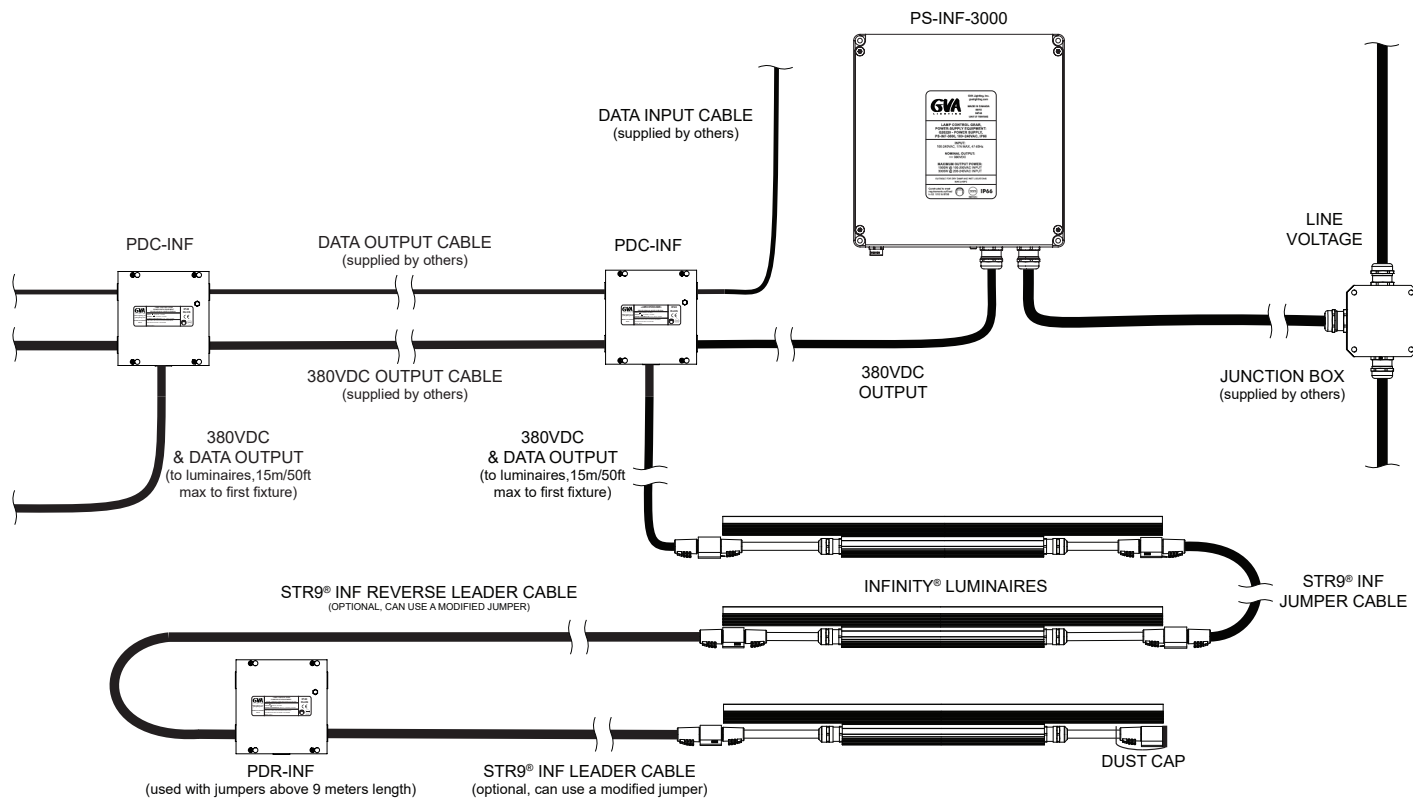
Ratings are for 30°C, de-rating will be used for higher ambient temperatures. Contact factory for applications support.



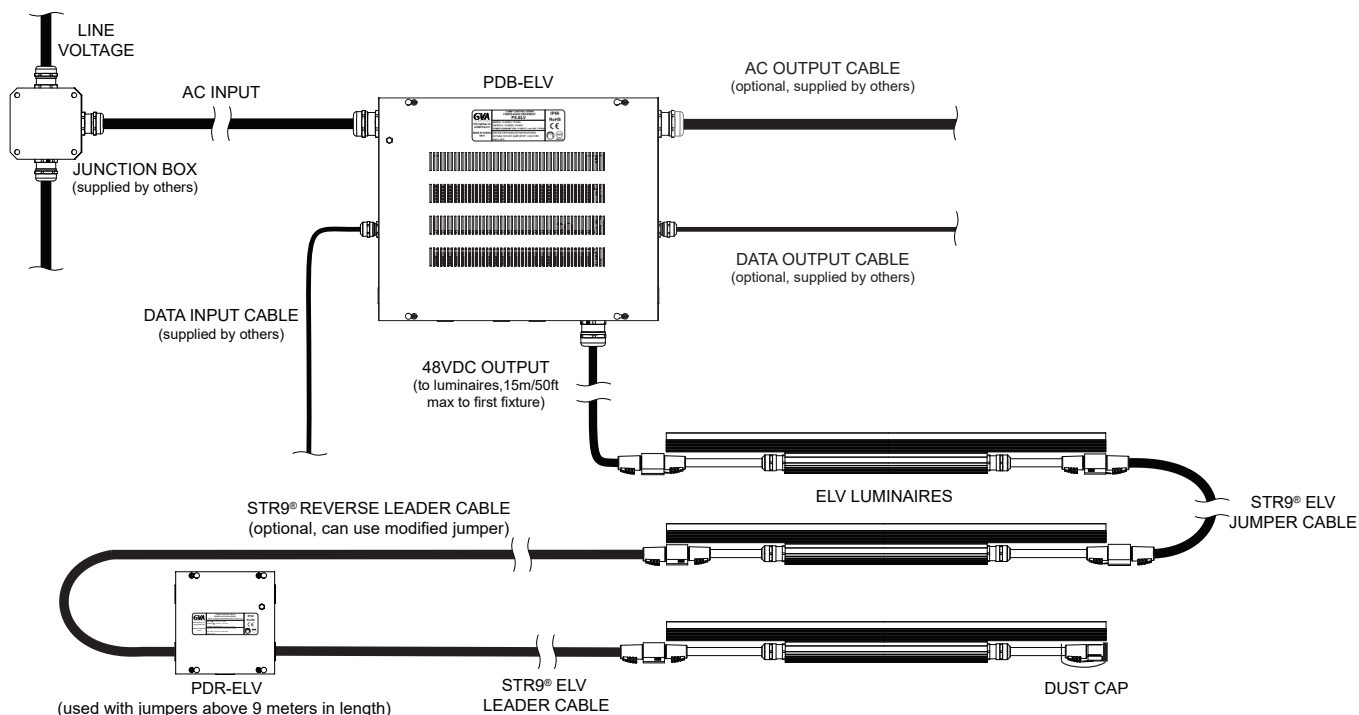
Color Changing Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

TYPICAL SYSTEM DIAGRAM: INFINITY® WITH CONTROL



TYPICAL SYSTEM DIAGRAM: ELV WITH CONTROL

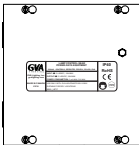
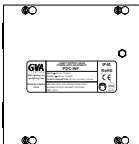




Color Changing Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: POWER SUPPLIES and POWER DATA EQUIPMENT

ELV POWER SUPPLIES					PDC-INF, INF+ZH, IP66		
FAMILY	OUTPUT VOLTAGE		POWER (Watts)		INPUT VOLTAGE	CONSTRUCTION	
PS	ELV48		240 320	480 640	120~277V AC	IP30 - Indoor	
FAMILY	OUTPUT VOLTAGE	POWER (Watts)		CONTROL INPUT	OUTPUT	INPUT VOLTAGE	CONSTRUCTION
PDB	ELV48	240 320	480 640	0~10V DALI DMX	ELV+ZH - ELV Power & ZH Data	120~277V AC	IP30 - Indoor
ELV POWER-DATA REPEATER					PDR-ELV, ELV+ZH		
					TYPE	PART NUMBER	WEIGHT
					IP40	G20441	2.13kg / 4.70lbs
INFINITY POWER SUPPLIES					PS-INF-3000		
					INPUT VOLTAGE	PART NUMBER	WEIGHT
					120VAC 208/240VAC 220/230/240VAC	G20337 G20338 G20341	10.98kg / 24.20lbs
INFINITY POWER-DATA CONVERTORS					PDC-INF, INF+ZH		
					TYPE	PART NUMBER	WEIGHT
					IP40 1DMX 2DMX DALI/0~10V	G20452 G20453 G20454	2.06kg / 4.55lbs
INF POWER-DATA REPEATER					PDR-INF, ELV+ZH		
					TYPE	PART NUMBER	WEIGHT
					IP40	G20442	2.13kg / 4.70lbs

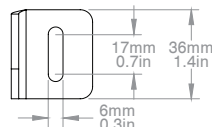
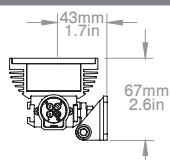


Color Changing Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

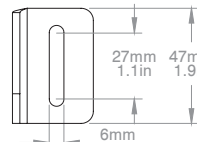
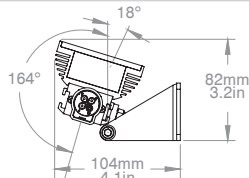
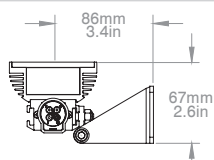
ORDERING LOGIC: STR9 MOUNTING ACCESSORIES

WXX - ADJUSTABLE WALL MOUNT BRACKET KIT



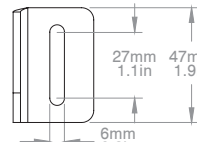
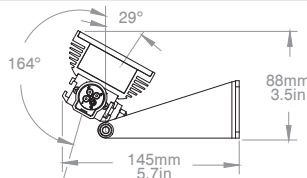
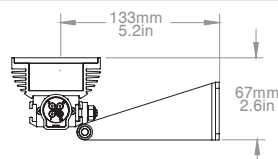
W40 ADJUSTABLE WALL MOUNT

COLOR	PART NUMBER	WEIGHT
Clear Matte Anodized	121128	0.10kg / 0.21lbs
Black Matte Anodized	121129	



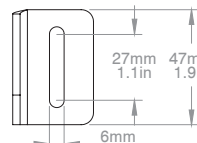
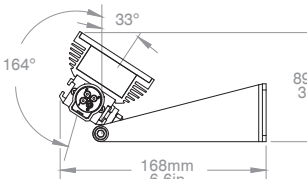
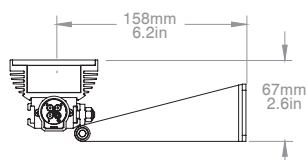
W80 ADJUSTABLE WALL MOUNT

COLOR	PART NUMBER	WEIGHT
Clear Matte Anodized	121130	0.12kg / 0.27lbs
Black Matte Anodized	121131	



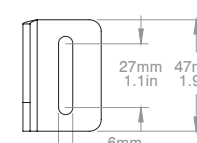
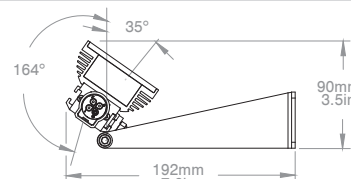
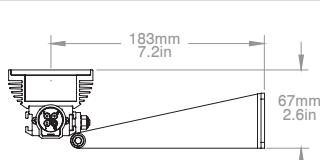
W130 ADJUSTABLE WALL MOUNT

COLOR	PART NUMBER	WEIGHT
Clear Matte Anodized	121132	0.15kg / 0.32lbs
Black Matte Anodized	121133	



W155 ADJUSTABLE WALL MOUNT

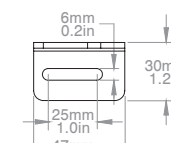
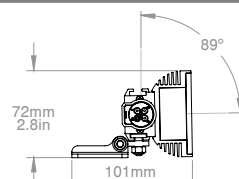
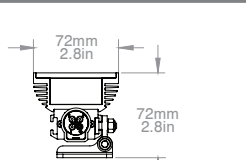
COLOR	PART NUMBER	WEIGHT
Clear Matte Anodized	121134	0.16kg / 0.35lbs
Black Matte Anodized	121135	



W180 ADJUSTABLE WALL MOUNT

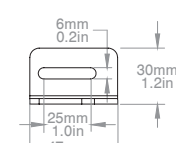
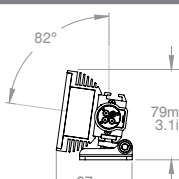
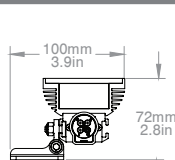
COLOR	PART NUMBER	WEIGHT
Clear Matte Anodized	121136	0.17kg / 0.38lbs
Black Matte Anodized	121137	

SMA-I - INSIDE ADJUSTABLE SURFACE MOUNT BRACKET KIT



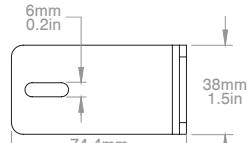
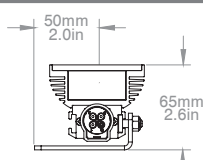
COLOR	PART NUMBER	WEIGHT
Clear Matte Anodized	121138	0.09kg / 0.20lbs
Black Matte Anodized	121139	

SMA-O - OUTSIDE ADJUSTABLE SURFACE MOUNT BRACKET KIT



COLOR	PART NUMBER	WEIGHT
Clear Matte Anodized	121825	0.09kg / 0.20lbs
Black Matte Anodized	121826	

SML - SURFACE MOUNT BRACKET KIT, NON-ADJUSTABLE



COLOR	PART NUMBER	WEIGHT
Clear Matte Anodized	121140	0.08kg / 0.18lbs
Black Matte Anodized	121141	

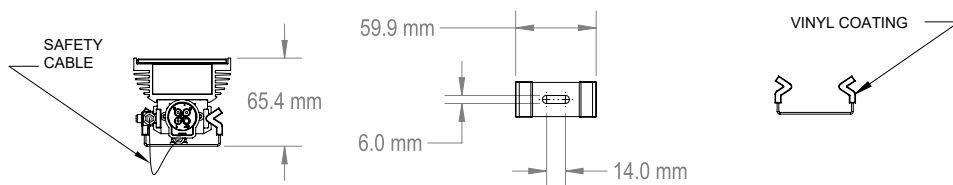


Color Changing Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

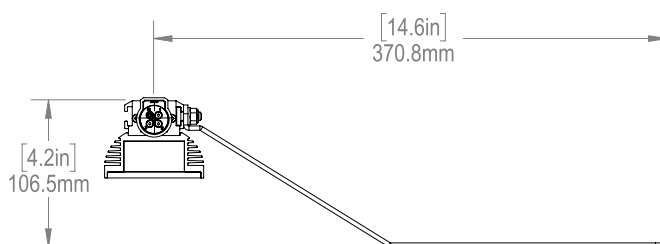
ORDERING LOGIC: STR9 MOUNTING ACCESSORIES

CLP - CLIP MOUNT KIT, NON-ADJUSTABLE



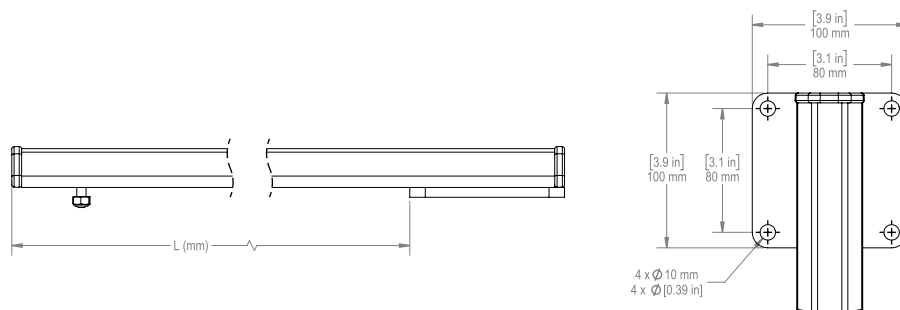
COLOR	PART NUMBER	WEIGHT
Stainless Steel	121148	0.22kg / 0.48lbs

MCD - CANTILEVER BRACKET, NON-ADJUSTABLE



COLOR	PART NUMBER	WEIGHT
Stainless Steel	121146	0.94kg / 2.08lbs

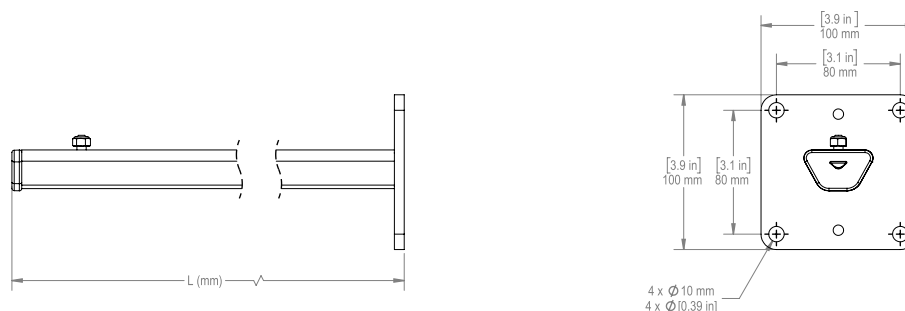
CH - ADJUSTABLE HORIZONTAL CANTILEVER BRACKET KIT - 100 MM TO 500 MM



*Fixture bracket not included, please order separately

TYPE	CM	BM	WEIGHT
CH-100	123336	123355	0.77kg / 1.69lbs
CH-150	123337	123356	0.87kg / 1.92lbs
CH-200	123338	123357	0.98kg / 2.16lbs
CH-250	123339	123358	1.08kg / 2.39lbs
CH-300	123340	123359	1.19kg / 2.62lbs
CH-350	123341	123360	1.29kg / 2.85lbs
CH-400	123342	123361	1.40kg / 3.08lbs
CH-450	123343	123362	1.50kg / 3.31lbs
CH-500	123344	123363	1.61kg / 3.54lbs

CV - ADJUSTABLE VERTICAL CANTILEVER BRACKET KIT - 100 MM TO 500 MM



*Fixture bracket not included, please order separately

TYPE	CM	BM	WEIGHT
CV-100	123374	123393	0.59kg / 1.30lbs
CV-150	123375	123394	0.70kg / 1.53lbs
CV-200	123376	123395	0.80kg / 1.77lbs
CV-250	123377	123396	0.91kg / 2.00lbs
CV-300	123378	123397	1.01kg / 2.23lbs
CV-350	123379	123398	1.12kg / 2.46lbs
CV-400	123380	123399	1.22kg / 2.69lbs
CV-450	123381	123400	1.33kg / 2.92lbs
CV-500	123382	123401	1.43kg / 3.15lbs

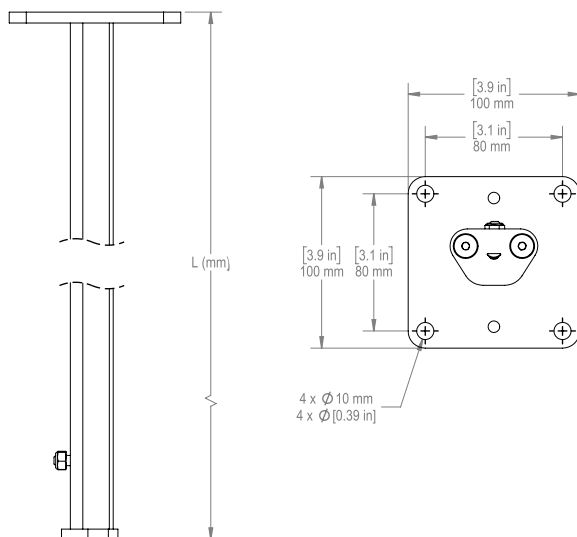


Color Changing Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: STR9 MOUNTING ACCESSORIES

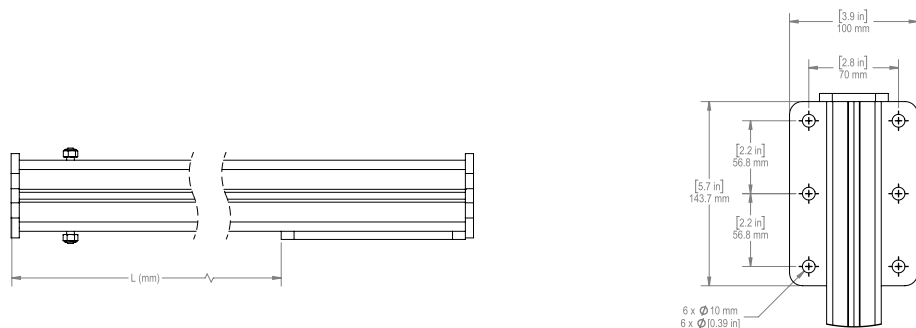
CC - ADJUSTABLE CEILING MOUNT CANTILEVER BRACKET KIT - 100 MM TO 1000 MM



*Fixture bracket not included, please order separately

TYPE	CM	BM	WEIGHT
CC-100	123766	123785	0.62kg / 1.37lbs
CC-150	123767	123786	0.72kg / 1.60lbs
CC-200	123768	123787	0.83kg / 1.83lbs
CC-250	123769	123788	0.93kg / 2.06lbs
CC-300	123770	123789	1.04kg / 2.29lbs
CC-350	123771	123790	1.14kg / 2.52lbs
CC-400	123772	123791	1.25kg / 2.75lbs
CC-450	123773	123792	1.35kg / 2.98lbs
CC-500	123774	123793	1.46kg / 3.22lbs
CC-550	123775	123794	1.56kg / 3.45lbs
CC-600	123776	123795	1.67kg / 3.68lbs
CC-650	123777	123796	1.77kg / 3.91lbs
CC-700	123778	123797	1.88kg / 4.14lbs
CC-750	123779	123798	1.98kg / 4.37lbs
CC-800	123780	123799	2.09kg / 4.60lbs
CC-850	123781	123800	2.19kg / 4.83lbs
CC-900	123782	123801	2.30kg / 5.06lbs
CC-950	123783	123802	2.40kg / 5.30lbs
CC-1000	123784	123803	2.51kg / 5.53lbs

DCH - ADJUSTABLE HORIZONTAL DOUBLE CANTILEVER BRACKET KIT - 100 MM TO 500 MM



*Fixture bracket not included, please order separately

TYPE	CM	BM	WEIGHT
DCH-100	123709	123728	1.93kg / 4.25lbs
DCH-150	123710	123729	2.14kg / 4.71lbs
DCH-200	123711	123730	2.35kg / 5.17lbs
DCH-250	123712	123731	2.56kg / 5.63lbs
DCH-300	123713	123732	2.77kg / 6.10lbs
DCH-350	123714	123733	2.98kg / 6.56lbs
DCH-400	123715	123734	3.18kg / 7.02lbs
DCH-450	123716	123735	3.39kg / 7.48lbs
DCH-500	123717	123736	3.60kg / 7.95lbs

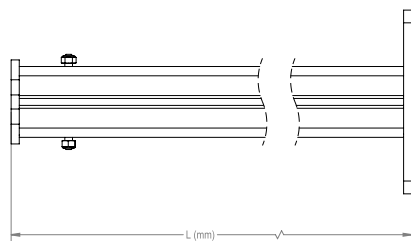


Color Changing Linear Wall Washing and Grazing Indoor LED Lighting

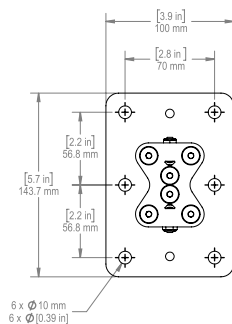
PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: STR9 MOUNTING ACCESSORIES

DCV-C - ADJUSTABLE VERTICAL & CEILING MOUNT DOUBLE CANTILEVER BRACKET KIT - 100 MM TO 500 MM

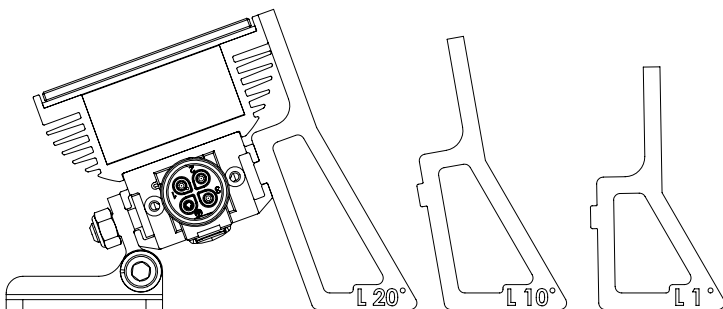


*Fixture bracket not included, please order separately



TYPE	CM	BM	WEIGHT
DCV-C-100	123628	123647	1.17kg / 2.57lbs
DCV-C-150	123629	123648	1.38kg / 3.04lbs
DCV-C-200	123630	123649	1.58kg / 3.50lbs
DCV-C-250	123631	123650	1.80kg / 3.96lbs
DCV-C-300	123632	123651	2.01kg / 4.42lbs
DCV-C-350	123633	123652	2.22kg / 4.88lbs
DCV-C-400	123634	123653	2.46kg / 5.35lbs
DCV-C-450	123635	123654	2.64kg / 5.81lbs
DCV-C-500	123636	123655	2.84kg / 6.27lbs

LITE ANGLE ADJUSTMENT AND INSTALLATION TOOLS FOR SMA - ANGLES FROM 1° TO 20°



TYPE	PART NUMBER
1°	310028
2°	310029
3°	310030
4°	310031
5°	310032
6°	310033
7°	310034
8°	310035
9°	310036
10°	310037
11°	310038
12°	310039
13°	310040
14°	310041
15°	310042
16°	310043
17°	310044
18°	310045
19°	310046
20°	310047



Color Changing Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: COMMON COMPONENTS

STR9 LEADER CABLE ELV



*Not all leader lengths are shown.

NOMINAL LENGTH	PART NUMBER
3m (9ft)	141481
6m (19ft)	141484
9m (30ft)	141487
15m (50ft)	141489
30m (100ft)	141492

STR9 REVERSE LEADER CABLE ELV



*Not all leader lengths are shown.

NOMINAL LENGTH	PART NUMBER
3m (9ft)	142231
6m (19ft)	142234
9m (30ft)	142237
15m (50ft)	142239
30m (100ft)	142242

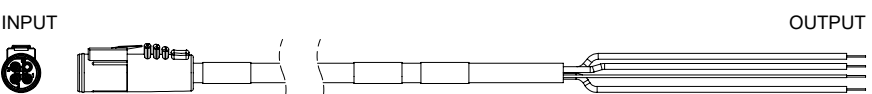
STR9 LEADER CABLE INF



*Not all leader lengths are shown.

NOMINAL LENGTH	PART NUMBER
3m (9ft)	141495
6m (19ft)	141498
9m (30ft)	141501
15m (50ft)	141503
30m (100ft)	141506

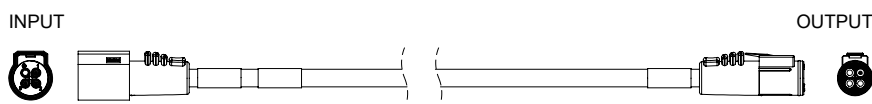
STR9 REVERSE LEADER CABLE INF



*Not all leader lengths are shown.

NOMINAL LENGTH	PART NUMBER
3m (9ft)	142201
6m (19ft)	142204
9m (30ft)	142207
15m (50ft)	142209
30m (100ft)	142197

STR9 JUMPER CABLE ELV



*Not all jumper lengths are shown. Lengths available in 300mm increments.

NOMINAL LENGTH	PART NUMBER
0.30m (1ft)	141739
0.60m (2ft)	141740
0.90m (3ft)	141741
1.20m (4ft)	141742
1.50m (5ft)	141743
1.80m (6ft)	141744
3.60m (12ft)	141750
6.00m (20ft)	141758
9.00m (30ft)	141768

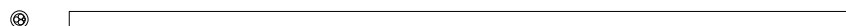
STR9 JUMPER CABLE INF



*Not all jumper lengths are shown. Lengths available in 300mm increments.

NOMINAL LENGTH	PART NUMBER
0.30m (1ft)	141789
0.60m (2ft)	141790
0.90m (3ft)	141791
1.20m (4ft)	141792
1.50m (5ft)	141793
1.80m (6ft)	141794
3.60m (12ft)	141800
6.00m (20ft)	141808
9.00m (30ft)	141818

STR9 CABLE 3X14 AWG + 1X24 AWG



NOMINAL LENGTH	PART NUMBER
Raw cable cut to length. Please specify required length.	280253



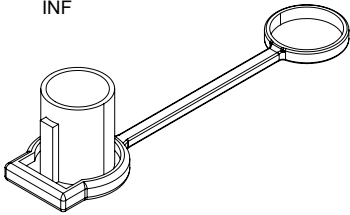
Color Changing Linear Wall Washing and Grazing Indoor LED Lighting

PRODUCT SPECIFICATION SHEET

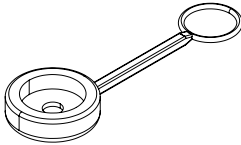
ORDERING LOGIC: COMMON COMPONENTS

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

INF



ELV



TYPE	PART NUMBER	WEIGHT
STR-ELV	231182	3.40g / 0.11oz
STR9-INF	230855	6.24g / 0.22oz

STR9-LITE GLARE CONTROL LOUVERS - 300 MM

LOUVER

TYPE	PART NUMBER	WEIGHT
M-KIT LOUVER, BLACK	124914	0.05kg / 0.13lbs

