

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

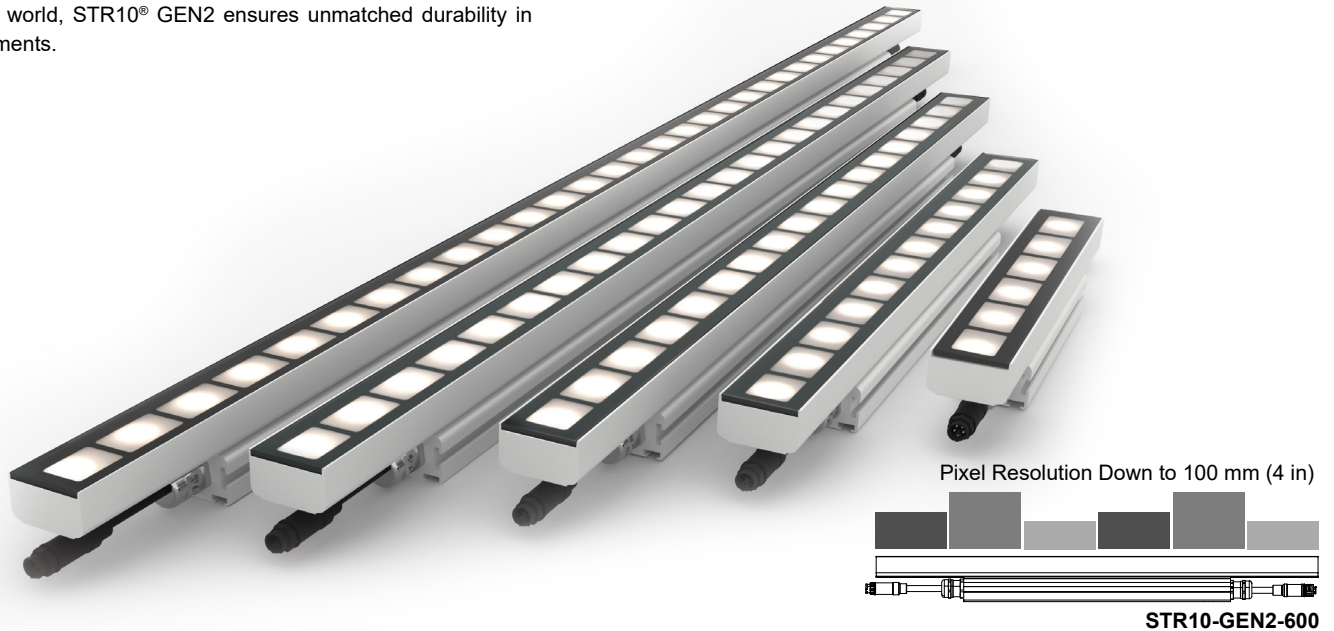
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

DESCRIPTION

STR10[®] GEN2 MONO features the most compact high-power design in the STR series. Built on the award-winning COLOR-STREAM[®] platform, it delivers exceptional performance for wall washing and grazing applications, with speeds 16x faster than DMX, liquid-smooth dimming, 100 mm pixel resolution, and INFINITY[®] technology to achieve extremely long lighting circuits of up to 278 m (912 ft). Now enhanced with UNIBODY[®] sealing, the most reliable in the world, STR10[®] GEN2 ensures unmatched durability in demanding environments.

DATE:	
TYPE:	
COMPANY:	
PROJECT:	



KEY FEATURES

- Compact size, only Width: 49 mm (1.9 in) x Height: 61 mm (2.4 in)
- High power luminaire up to 15 W/300 mm (1 ft)
- Up to 1,162 lumens per 300 mm/1 ft
- Ultra narrow beam angles as narrow as 5°
- Down to 100 mm (4 in) pixel resolution
- COLOR-STREAM[®] platform delivers high speed communication (6.25 Mbps), up to 120 frames per second refresh rate, and 12-bit dimming resolution
- Power-data through-wiring via sealed push lock connectors
- Up to 278 meters (912 ft) lighting circuit enabled by GVA's INFINITY[®] technology¹
- Up to 100 meter (328 ft) leader and jumper cables
- LED pitch is maintained between luminaires to eliminate dark spots
- Optional in field dual power selection
- Operating temperatures: -40°C (-40°F) to +50°C (122°F)
- Inherent progressive thermal protection
- 5 year limited warranty

OPTIONS

- 328 mm (1 ft)², 600 mm (2 ft), 900 mm (3 ft), 1200 mm (4 ft), and 1500 mm (5 ft) nominal lengths
- Clear Matte or Black Matte anodized, custom finishes available upon request
- 4 monochromatic colors and 7 whites with CCTs ranging from 1800K to 6500K
- 90 CRI available for select CCTs (2700K, 3000K, 3500K, 4000K, and 5000K); 3 step binning
- Impressively wide range of symmetrical and elliptical optical distributions (23 options)
- Internal micro louvers or external louvers for glare control
- 5 W, 10 W, or 15 W per 300 mm (1 ft)
- 300 mm (12 in), 150 mm (6 in) or 100 mm (4 in) pixel resolution
- INF (380 V DC) or AC (277 V AC, 240 V AC, 230 V AC, 208 V AC, 120 V AC, and 100 V AC) input
- Diverse range of communication protocols via GVA's Power-Data Converter PDC-GEN5: Art-Net 4, sACN, DMX-512A, DALI 2 or 0~10V
- IP66 or IP50

1. Consult factory for details. See page 5.

2. Pitch is maintained only at the input end when used as the last luminaire; multiple 328s create ~90 mm gaps, breaking the pitch.

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

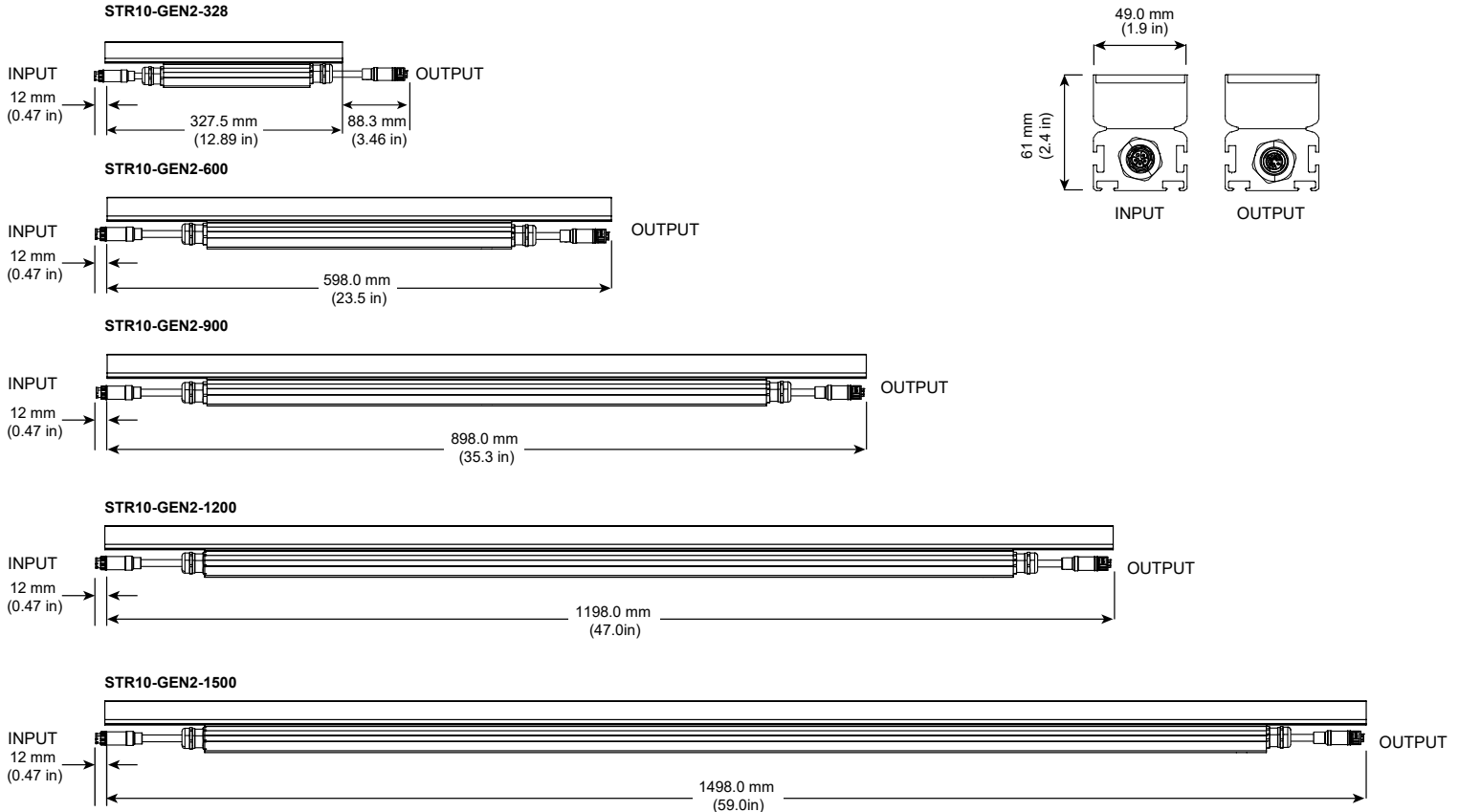
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

MECHANICAL FEATURES

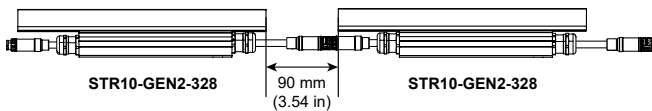
- Rugged construction – Anodized extruded aluminum body, optically clear tempered glass (IK06¹)
- Designed to meet 3G ANSI C136.31-2010 vibration standard for bridge and overpass applications
- Through-wiring for end-to-end connection via sealed push lock connectors
- Diverse offering of adjustable brackets

LENGTH OPTIONS



INSTALLATION NOTES & EXCEPTIONS

Example of STR10-GEN2-328 end-to-end installations, the optical pitch is not maintained.



Example of STR10-GEN2-328 end-of-line installations, the optical pitch is maintained.



1. Higher IK configurations available, consult factory for details

STR10[®] GEN2 MONO



STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

PRODUCT SPECIFICATION

		MIN	NOMINAL	MAX			
VOLTAGE	INPUT VOLTAGE, INF	300 V DC	380 V DC	400 V DC			
	INPUT VOLTAGE, 277 V AC	249 V AC	277 V AC	305 V AC			
	INPUT VOLTAGE, 230 V AC	198 V AC	230 V AC	264 V AC			
	INPUT VOLTAGE, 120 V AC	90 V AC	120 V AC	132 V AC			
POWER	POWER CONSUMPTION	NOMINAL POWER PER 300 MM LENGTH	NOMINAL LENGTH (MM)				
			300	600	900	1200	1500
			INF/AC - MAXIMUM POWER CONSUMPTION				
		5 W	5.5 W	11 W	16.5 W	22 W	27.5 W
		10 W	11 W	22 W	33.0 W	44 W	55 W
		15 W	16.5 W	33 W	49.5 W	66 W	82.5 W
CURRENT	RATED CURRENT PER CIRCUIT	12 A					
PROTECTION	CIRCUIT LEVEL SURGE PROTECTION ²	6 KV/3 KA standard protection level, with option to increase to 12 KV/6 KA or 20 KV/10 KA					
DATA	INPUT PROTOCOL	GVA's COLOR-STREAM [®]					
CONTROL	CONTROL INTERFACE	Art-Net 4, sACN, DMX-512A, DALI 2 or 0~10V control via GVA Power-Data Equipment (PDC-GEN5)					
ENVIRONMENT	WORKING TEMPERATURE	-40°C ~ +50°C / -40°F ~ 122°F					
	STORAGE TEMPERATURE & HUMIDITY	-40°C ~ +80°C (-40°F ~ 176°F), 0%-60% RH (non-condensing)					
	STORAGE CONDITIONS	Product to be stored in non-saline, protected location above water and free of harmful gases containing sulphur and other corrosive elements					
	VIBRATION	Designed to meet ANSI C136.31-2018 to withstand intense vibration environments of bridges and overpasses (Test Level 2, 3G or 29.4 m/s ²)					
	THERMAL PROTECTION	>75°C internal temperature → gentle foldback, derating LED output up to 15%					
>90°C internal temperature → thermal shutdown, LED output disabled							
<70°C during thermal shutdown → LED output re-enabled							
*Communication is maintained across all three regions, allowing remote status monitoring							

1. Designed to meet listed safety standards
 2. In combination with PDC-GEN5

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

PRODUCT SPECIFICATION

CERTIFICATION & SAFETY	IEC CLASSIFICATIONS	AC/INF - Class I					
	ISO CERTIFICATIONS	ISO Certified Company for 9001:2015 and 14001:2015					
	CERTIFICATIONS	CE, QPS (US Field Evaluation) or ETL (Special Electric Equipment Inspection), IP66/IP50					
	SAFETY STANDARDS ¹	UL 8750, CAN/CSA-C22.2 No. 250.13, IEC/EN 60598-2-1					
	EMC EMISSION ¹	CISPR-15 Edition 9.0 2018, FCC Part 15 Class B					
	EMC IMMUNITY ²	Compliance to IEC 61547, IEC 61000-4-2 Class 4 ² , 61000-4-3 Level 3 ² , 61000-4-4 Level 4 ² , 61000-4-5 Level 4 ² , 61000-4-6, 61000-4-8					
PHYSICAL	HOUSING	Anodized extruded aluminum body and machined endcaps, optically clear tempered glass					
	DIMENSIONS	NOMINAL LENGTH (MM)	328	600	900	1200	1500
		LENGTH	327.5 mm (12.89 in)	598 mm (23.6 in)	898 mm (35.4 in)	1198 mm (47.2 in)	1498 mm (59.0 in)
		WIDTH X HEIGHT	49 mm x 61 mm (1.9 in x 2.4 in)				
	WEIGHT, NET, WITHOUT BRACKETS OR ACCESSORIES	1.3 kg (2.9 lbs)	2.6 kg (5.7 lbs)	3.9 kg (8.6 lbs)	5.2 kg (11.5 lbs)	6.5 kg (14.3 lbs)	
MANUFACTURING/ ORIGIN	Designed and manufactured in Canada by GVA Lighting, Inc. ISO Certified Company for 9001:2015 and 14001:2015 - Quality Management System and Environmental Management System						

1. Designed to meet listed safety standards
2. In combination with PDC-GEN5

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

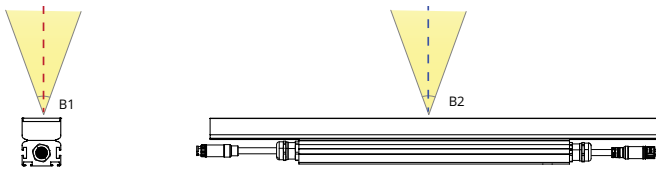
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

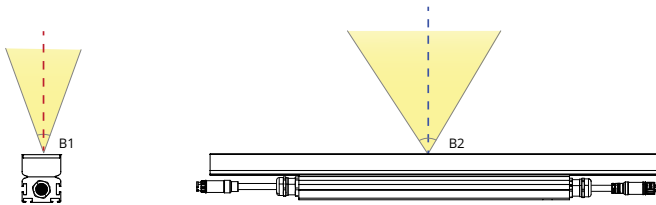
LIGHTING PERFORMANCE

- Up to 1,162 lumens per 300 mm/1 ft
- Pixel resolution options: 300 mm 150 mm and 100 mm per 300mm/1ft
- LED pitch is maintained between luminaires to eliminate dark spots
- 7 CCTs of monochromatic white and 4 monochromatic color options
- 5° x 5°, 8° x 8°, 10° x 10°, 30° x 30°, 60°x60°, 80° x 80°, 100° x 100°, 5° x 10°, 5° x 30°, 5° x 60°, 10° x 30°, 10° x 60°, 10° x 90°, 20° x 60°, 30° x 60°, 20° x 20° x 20° Right, 20° x 20° x 20° Left, 20° x 60° x 8° Right, 20° x 60° x 8° Left optical distributions
- Cool beam, no heat (IR) or UV generated from light source
- Projected LED lifetime L70 B50: 100,000hrs @ Ta 30°C / 86°F

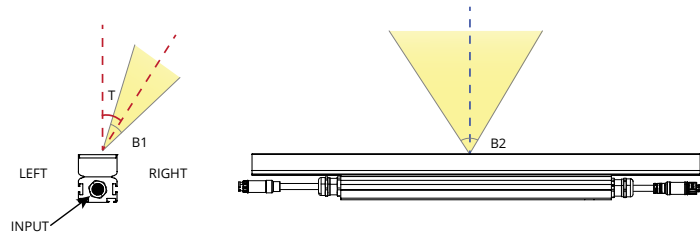
LIGHT DISTRIBUTION



Symmetrical beam angle: B1 x B2
Example : 30°x 30°



Elliptical beam angle: B1 x B2
Example : 30°x 60°



Asymmetrical beam angle: B1 x B2 x T (Left or Right Tilt)
Example **B08R**: 20°x 60°x 8°- Right Tilt from input side

LUMINOUS FLUX PER 300 MM (1 FT)¹

LED	NOMINAL WATTAGE/FT		
	5W/FT	10W/FT	15W/FT
2200K	366 lm	697 lm	922 lm
2700K	416 lm	793 lm	1050 lm
3000K	438 lm	834 lm	1084 lm
4000K	443 lm	844 lm	1117 lm
5000K	430 lm	819 lm	1084 lm
6500K	461 lm	878 lm	1162 lm

COLOR LEDs WAVELENGTH²

COLOR	DOMINANT WAVELENGTH	
	MIN	MAX
RED	620 nm	624 nm
GREEN	525 nm	530 nm
BLUE	450 nm	460 nm
AMBER	585 nm	595 nm

1. Measurements performed for STR10 with a 10° beam angle and 3000K.
2. For specific wavelength, other than above, consult factory.

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

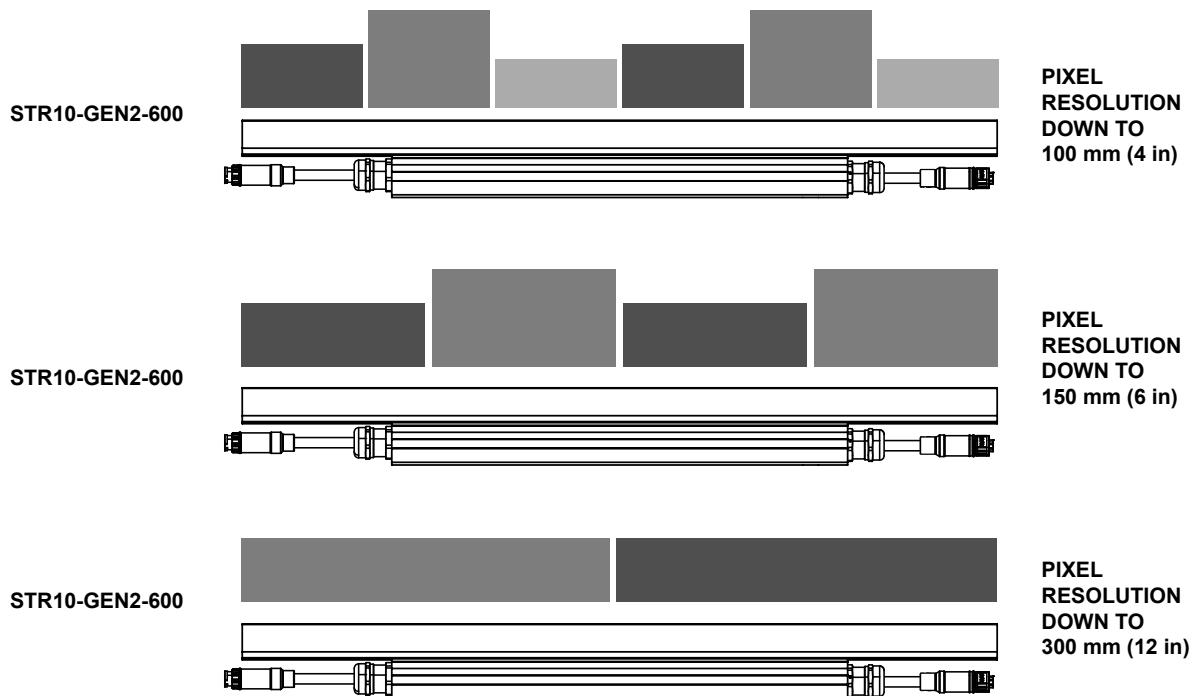
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

DIMMING & CONTROL

- All LED modules are dimmable and controllable by default
- Pixel resolution: 100 mm (4 in), 150 mm (6 in), 300 mm (12 in)
- Can be controlled by Art-Net 4, sACN, DMX-512A, DALI 2 through GVA's Power-Data Converter PDC-GEN5
- GVA's proprietary communication protocol COLOR-STREAM[®] allows up to 120 Hz refresh rate with the default 60 Hz
- 12-bit dimming resolution with 4,096 micro-steps for each color and very smooth dimming and color transition
- Up to 40 kHz equivalent dimming frequency guarantees flicker-free lighting for human eye and high-speed video cameras
- 100% to 0.02% absolute minimum dimming range, flicker free dimming range: 100% to 0.2%
- No audible noise in full dimming range
- Configurable exponential dimming curve matches the human eye's perceived changes in brightness
- Luminaires can be re-calibrated in the field for different power outputs (e.g. 10 W or 15 W) without sacrifice in dimming resolution (up to 4,096 steps)

PIXEL RESOLUTION



STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

MAXIMUM RECOMMENDED LIGHTING CIRCUIT LENGTH IN METERS

Maximum circuit length, in meters, with 300 mm increments, per pixel resolution, per desirable refresh rate, per LED module's wattage and per input voltage. Calculated for 100 meter of leader or jumper cable length. The below numbers represent linear meters of fixtures.

VOLTAGE	RESOLUTION	REFRESH RATE	NOMINAL WATTAGE		
			5W	10W	15W
120 V AC	R300	30-120 Hz	88	44	29
	R150		88	44	29
	R100		88	44	29
230-240 V AC	R300	30-120 Hz	176	88	59
	R150		176	88	59
	R100		176	88	59
277 V AC ²	R300	30-120 Hz	203	101	68
	R150		203	101	68
	R100		203	101	68
380 V DC	R300	30-120 Hz	278	139	93
	R150		278	139	93
	R100		278	139	93

MAXIMUM RECOMMENDED LIGHTING CIRCUIT LENGTH IN FEET

Maximum circuit length, in feet, with 1 ft increments per pixel resolution, per desirable refresh rate, per LED module's wattage and per input voltage. Calculated for 329 ft of leader or jumper cable length. The below numbers represent linear feet of fixtures.

VOLTAGE	RESOLUTION	REFRESH RATE	NOMINAL WATTAGE		
			5W	10W	15W
120 V AC	R300	30-120 Hz	288	144	96
	R150		288	144	96
	R100		288	144	96
230-240 V AC	R300	30-120 Hz	576	288	192
	R150		576	288	192
	R100		576	288	192
277 V AC ²	R300	30-120 Hz	665	332	222
	R150		665	332	222
	R100		665	332	222
380 V DC	R300	30-120 Hz	912	456	304
	R150		912	456	304
	R100		912	456	304

1. Run lengths may vary depending on luminaire length combination chosen. Please consult factory for layout configuration.
2. Type D breaker required for 277V AC.

STR10[®] GEN2 MONO



STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

SPECIFICATION LOGIC

FAMILY	NOM-INAL LENGTH (MM)	BODY COL-ORS	NOM-INAL POWER PER 300MM (1FT)	PIXEL RESO-LUTION	LED CODE: CCT, CRI, BINNING	NOMINAL BEAM ANGLE (FWHM)	INTERNAL GLARE CONTROL ACCESSORIES	NOMINAL INPUT VOLTAGE	CUSTOM INPUT CABLE LENGTH ADDER ⁴	CUSTOM OUTPUT CABLE LENGTH ADDER ⁴	COM-PLI-ANCE	BRACK-ET ³
STR10-G2 STR10 Generation 2	328'	CM Clear Matte Anod-ized	5W	R300 300mm (12 in) pixel size	1873 - 1800K, 70 CRI, 3-step ²	5 - 5° x 5°	O - No Accessor-ies H - Microlouver Horizontal V - Microlouver Vertical L - Half Frosted Glass Left R - Half Frosted Glass Right T - Half Frosted Glass Left + Micro Louver Vertical J - Half Frosted Glass Right + Micro Louver Vertical Z - Half Frosted Glass Left + Micro Louver Horizontal S - Half Frosted Glass Right + Micro Louver Horizontal W - Full Frost Glass	INF - 380 V DC	ST Standard Length adder 0 cm	ST Standard Length adder 0 cm	N North America (UL/ ANSI)	O No Bracket, Order separ-ately
	600		10W		2073 - 2000K, 70 CRI, 3-step ²	8 - 8° x 8°		277 - 277 V AC Single- Phase				
	900		15W		2283 - 2200K, 80 CRI, 3-step ²	10 - 10° x 10°		240 - 240 V AC Single- Phase				
	1200		BM Black Matte Anod-ized XXXXX Custom Color		R150 150 mm (6 in) pixel size	2583 - 2500K, 80 CRI, 3-step ^{2,5}		30 - 30° x 30°	230 - 230 V AC Single- Phase			
	1500				R100 100 mm (4 in) pixel size	2783 - 2700K, 80 CRI, 3-step		60 - 60° x 60°	208 - 208 V AC Phase-to- Phase ³			
				2793 - 2700K, 90 CRI, 3-step ²	80 - 80° x 80°	120 - 120 V AC						
				3083 - 3000K, 80 CRI, 3-step	100 - 100° x 100°	100 - 100 V AC Single- Phase ¹						
				3093 - 3000K, 90 CRI, 3-step ²	510 - 5° x 10°	70 70 cm (700 mm)						
			3583 - 3500K 80 CRI, 3-step ²	530 - 5° x 30°	90 90 cm (900 mm)	E Euro- pean Union (CE)		SMAI Surface Mount Adjustable Bracket Inside				
			3593 - 3500K, 90 CRI, 3-step ²	560 - 5° x 60°	10 10 cm (100 mm)							
			4083 - 4000K, 80 CRI, 3-step	1030 - 10° x 30°	30 30 cm (300 mm)				U - United King- dom (UKCA)	SMAO Surface Mount Adjustable Bracket Outside		
			4093 - 4000K, 90 CRI, 3-step ²	1060 - 10° x 60°	70 70 cm (700 mm)							
			5083 - 5000K, 80 CRI, 3-step	1090 - 10° x 90°	50 50 cm (500 mm)						C China (CCC) ¹	W55 Adjustable Wall Mount 55
			5093 - 5000K, 90 CRI, 3-step ²	2060 - 20° x 60°	30 30 cm (300 mm)							
			6583 - 6500K, 80 CRI, 3-step	3060 - 30° x 60°	70 70 cm (700 mm)	A Aus- tralia & New Zealand (AS/ NZS) ¹		W90 Adjustable Wall Mount 90"				
			RD - Red	A20R - 20° x 20° x 20° Right	90 90 cm (900 mm)							
			GR - Green	3593 - 3500K, 90 CRI, 3-step ²	70 70 cm (700 mm)				S Saudi Arabia (SASO) ¹	W140 Adjustable Wall Mount 140		
			BL - Blue	3593 - 3500K, 90 CRI, 3-step ²	90 90 cm (900 mm)							
			AM - Amber	4083 - 4000K, 80 CRI, 3-step	100 100 cm (1000 mm)						J Japan (PSE) ¹	W165 Adjustable Wall Mount 165
				4093 - 4000K, 90 CRI, 3-step ²	XX Length in cm							
				5083 - 5000K, 80 CRI, 3-step	XX Length in cm	W190 Adjustable Wall Mount 190						
				5093 - 5000K, 90 CRI, 3-step ²								
				6583 - 6500K, 80 CRI, 3-step								
				RD - Red								
				GR - Green								

PRODUCT CONFIGURATION

- Pitch is maintained only at the input end when used as the last luminaire; multiple 328s create ~90 mm gaps, breaking the pitch.
- Longer than standard lead-time and MOQ may be required
- Brackets can be selected in the product spec or ordered as a separate line item. If the brackets are included in this specification logic, their color will automatically match the selected body color.
- Available in 1 cm (10 mm) increments up to 100 cm (1,000 mm). For other lengths, consult factory.
- Not available for beam angles in the 5° series

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

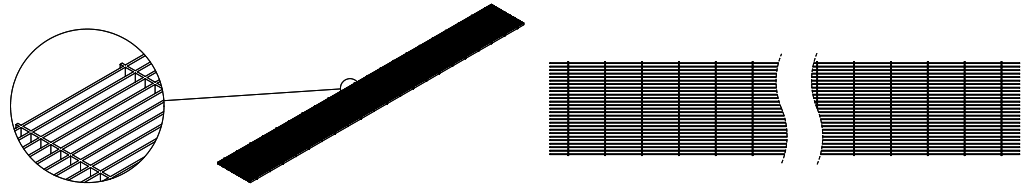
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: STR10[®] MOUNTING ACCESSORIES

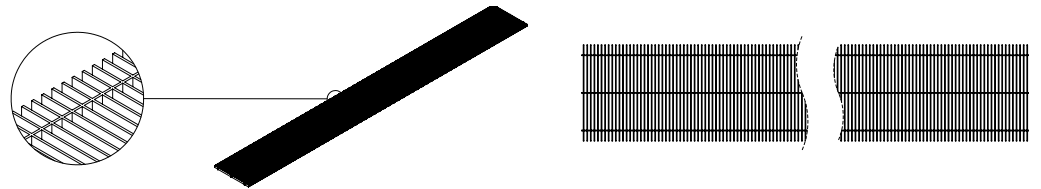
INTERNAL LOUVERS

TYPE	COLOR	WEIGHT (Per 300mm)	
		kg	lbs
H - INTERNAL MICRO LOUVER, HORIZONTAL	BLACK	0.16	0.35



*Please select option in the specification logic table if required. Item is factory installed only.

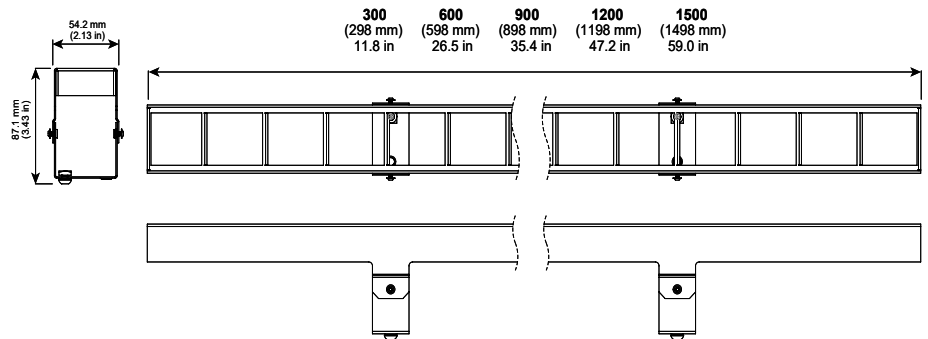
V - INTERNAL MICRO LOUVER, VERTICAL	BLACK	0.16	0.35
-------------------------------------	-------	------	------



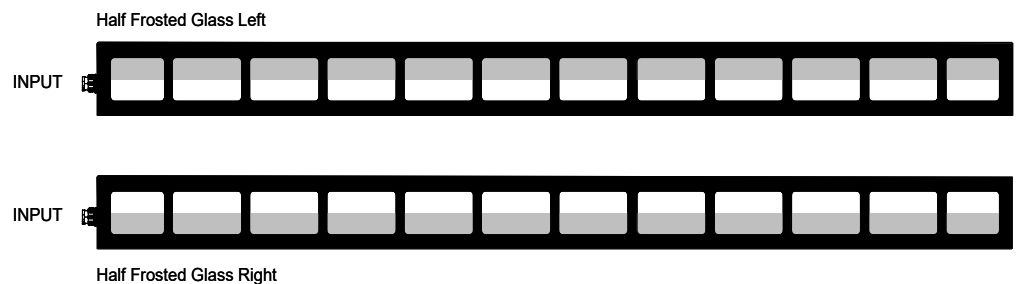
*Please select option in the specification logic table if required. Item is factory installed only.

EXTERNAL LOUVERS

NOMINAL LENGTH	PART NUMBER	COLOR
300 mm (1 ft) ¹	125764	BLACK
600 mm (2 ft)	125765	
900 mm (3 ft)	125766	
1200 mm (4 ft)	125767	
1500 mm (5 ft)	125768	



HALF-FROSTED GLASS



1. Modular Louver can be used on any standard length

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

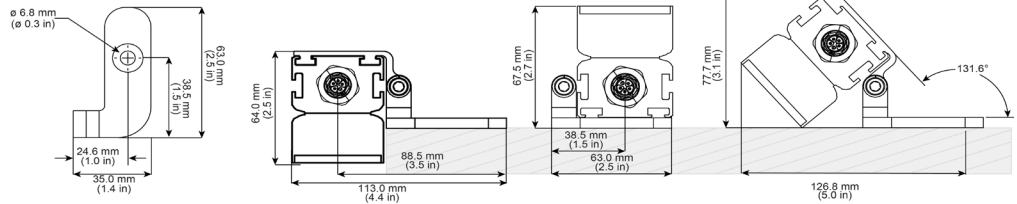
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: STR10[®] MOUNTING ACCESSORIES

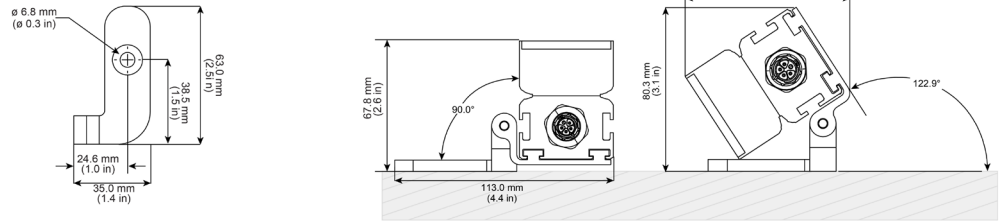
SMA-I ADJUSTABLE SURFACE MOUNT-INSIDE

SURFACE FINISH	PART NUMBER	WEIGHT	
		kg	lbs
Clear Matte Anodized	125436	0.10	0.21
Black Matte Anodized	125442		



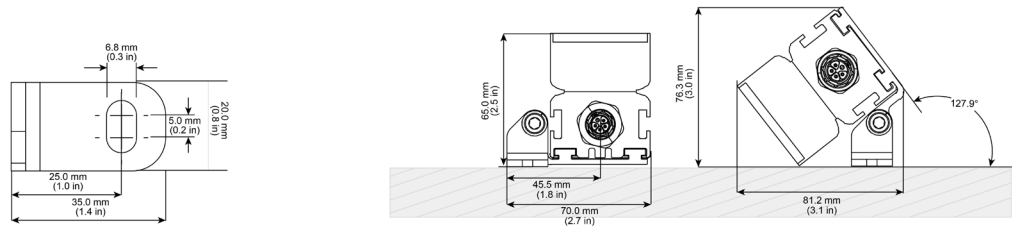
SMA-O ADJUSTABLE SURFACE MOUNT-OUTSIDE

SURFACE FINISH	PART NUMBER	WEIGHT	
		kg	lbs
Clear Matte Anodized	126568	0.10	0.21
Black Matte Anodized	126569		



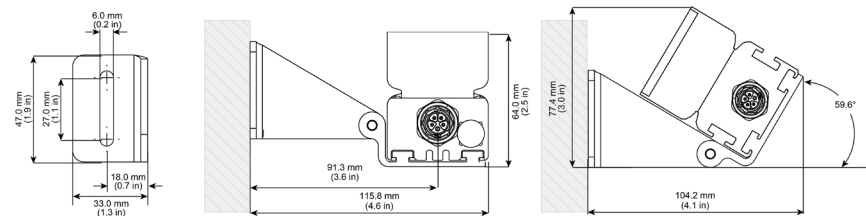
W55 ADJUSTABLE WALL MOUNT (SURFACE MOUNTABLE)

SURFACE FINISH	PART NUMBER	WEIGHT	
		kg	lbs
Clear Matte Anodized	125437	0.11	0.24
Black Matte Anodized	125443		



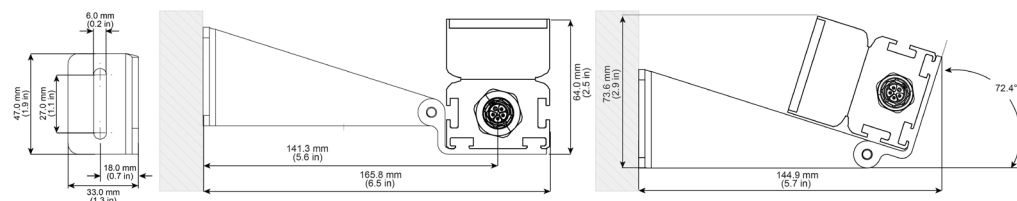
W90 ADJUSTABLE WALL MOUNT

SURFACE FINISH	PART NUMBER	WEIGHT	
		kg	lbs
Clear Matte Anodized	125438	0.12	0.27
Black Matte Anodized	125444		



W140 ADJUSTABLE WALL MOUNT

SURFACE FINISH	PART NUMBER	WEIGHT	
		kg	lbs
Clear Matte Anodized	125439	0.15	0.35
Black Matte Anodized	125445		



STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

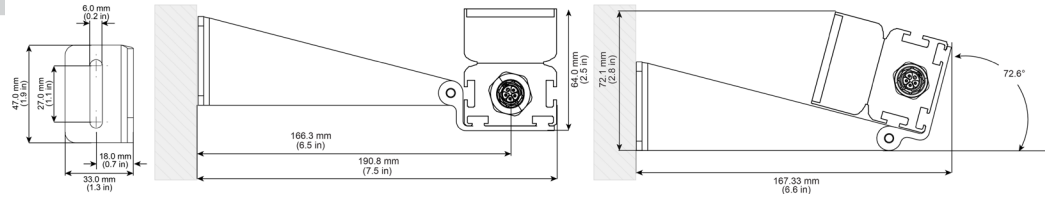
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: STR10[®] MOUNTING ACCESSORIES

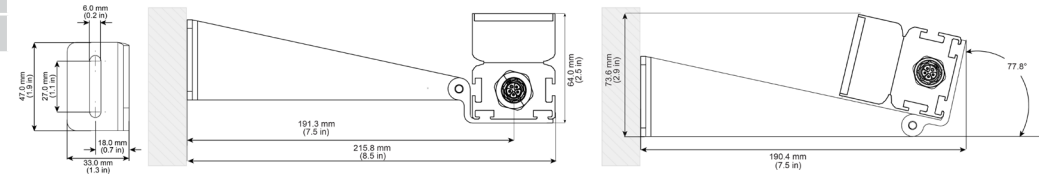
W165 ADJUSTABLE WALL MOUNT

SURFACE FINISH	PART NUMBER	WEIGHT	
		kg	lbs
Clear Matte Anodized	125440	0.17	0.38
Black Matte Anodized	125446		



W190 ADJUSTABLE WALL MOUNT

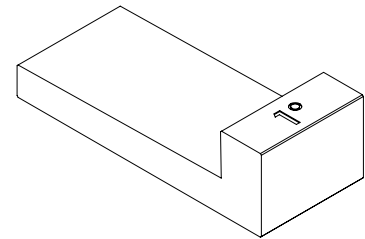
SURFACE FINISH	PART NUMBER	WEIGHT	
		kg	lbs
Clear Matte Anodized	125441	0.19	0.42
Black Matte Anodized	125447		



ORDERING LOGIC: STR10[®] ANGLE ADJUSTMENT TOOL

ANGLE ADJUSTMENT TOOL

PART NUMBER	DESCRIPTION
310301	ANGLE ADJUSTMENT TOOL, STR10, 1 DEGREES
310302	ANGLE ADJUSTMENT TOOL, STR10, 2 DEGREES
310303	ANGLE ADJUSTMENT TOOL, STR10, 3 DEGREES
310304	ANGLE ADJUSTMENT TOOL, STR10, 4 DEGREES
310305	ANGLE ADJUSTMENT TOOL, STR10, 5 DEGREES
310306	ANGLE ADJUSTMENT TOOL, STR10, 6 DEGREES
310307	ANGLE ADJUSTMENT TOOL, STR10, 7 DEGREES
310308	ANGLE ADJUSTMENT TOOL, STR10, 8 DEGREES
310309	ANGLE ADJUSTMENT TOOL, STR10, 9 DEGREES
310310	ANGLE ADJUSTMENT TOOL, STR10, 10 DEGREES
310311	ANGLE ADJUSTMENT TOOL, STR10, 11 DEGREES
310312	ANGLE ADJUSTMENT TOOL, STR10, 12 DEGREES
310313	ANGLE ADJUSTMENT TOOL, STR10, 13 DEGREES
310314	ANGLE ADJUSTMENT TOOL, STR10, 14 DEGREES
310315	ANGLE ADJUSTMENT TOOL, STR10, 15 DEGREES
310316	ANGLE ADJUSTMENT TOOL, STR10, 16 DEGREES
310317	ANGLE ADJUSTMENT TOOL, STR10, 17 DEGREES
310318	ANGLE ADJUSTMENT TOOL, STR10, 18 DEGREES
310319	ANGLE ADJUSTMENT TOOL, STR10, 19 DEGREES
310320	ANGLE ADJUSTMENT TOOL, STR10, 20 DEGREES



STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

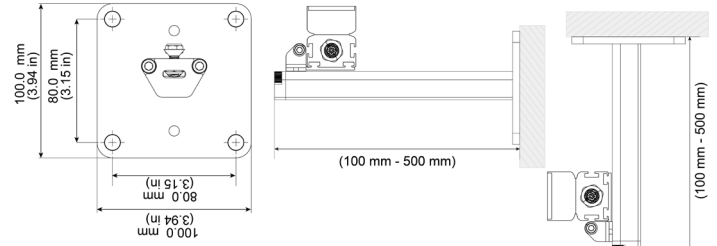
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: STR10[®] MOUNTING ACCESSORIES

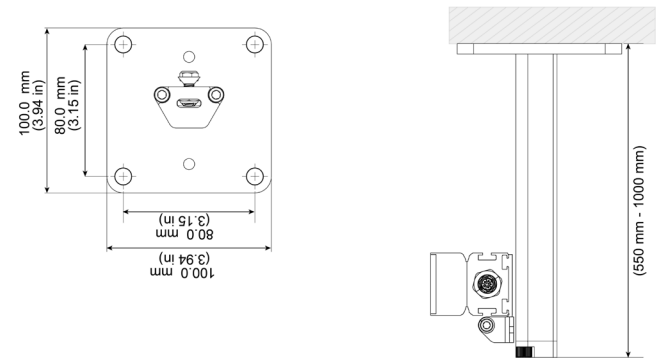
CCV - CANTILEVER CEILING AND VERTICAL MOUNT - 100 MM - 500 MM

TYPE	LENGTH (mm)	COLOR	MOUNTING CONFIGURATION	UP QTY
CCV	100	CM - Clear Matte	WXX - Compatible with W series brackets ¹	U1 - 1 luminaire
	150	BM - Black Matte		UX - Custom qty ²
	200	XXXXX- Custom Color	SMA.STR10 - Compatible with STR10 SMA brackets ¹	
	250			
	300			
	350			
	400			
450				
500				



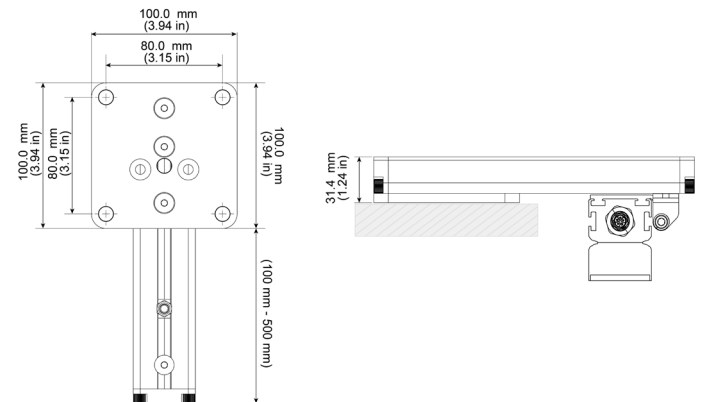
CC - CANTILEVER CEILING MOUNT - 550 MM - 1000 MM

TYPE	LENGTH (mm)	COLOR	MOUNTING CONFIGURATION	UP QTY
CC	550	CM - Clear Matte	WXX - Compatible with W series brackets ¹	U1 - 1 luminaire
	600	BM - Black Matte		UX - Custom qty ²
	650	XXXXX- Custom Color	SMA.STR10 - Compatible with STR10 SMA brackets ¹	
	700			
	750			
	800			
	850			
	900			
	950			
	1000			



CHD - CANTILEVER HORIZONTAL MOUNT, DOWNLIGHT - 100 MM - 500 MM

TYPE	LENGTH (mm)	COLOR	MOUNTING CONFIGURATION (DOWN)	DOWN QTY
CHD	100	CM - Clear Matte	WXX - Compatible with W series brackets ¹	D1 - 1 luminaire
	150	BM - Black Matte		DX - Custom qty ²
	200	XXXXX- Custom Color	SMA.STR10 - Compatible with STR10 SMA brackets ¹	
	250			
	300			
	350			
	400			
	450			
	500			



1. Brackets not included. Order one set per luminaire separately
2. Consult with factory

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

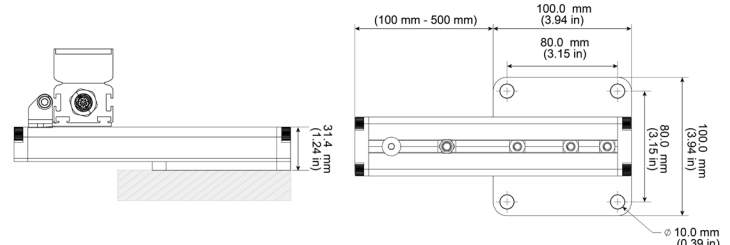
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: STR10[®] MOUNTING ACCESSORIES

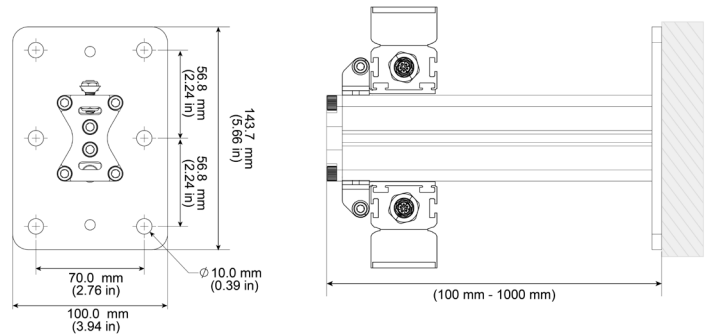
CHU - CANTILEVER HORIZONTAL MOUNT, UPLIGHT - 100 MM - 500 MM

TYPE	LENGTH (mm)	COLOR	MOUNTING CONFIGURATION (UP)	UP QTY
CHU	100	CM - Clear Matte	WXX - Compatible with W series brackets ¹	U1 - 1 luminaire
	150	BM - Black Matte		UX - Custom qty ²
	200	XXXXX- Custom Color	SMA.STR10 - Compatible with STR10 SMA brackets ¹	
	250			
	300			
	350			
	400			
	450			
500				



DCCV - DOUBLE CANTILEVER VERTICAL & CEILING MOUNT - 100 MM-1000MM

TYPE	LENGTH (mm)	COLOR	MOUNTING CONFIGURATION (UP)	UP QTY	MOUNTING CONFIGURATION (DOWN)	DOWN QTY
DCCV	100	CM - Clear Matte	WXX - Compatible with W series brackets ¹	U0 - No luminaire	WXX - Compatible with W series brackets ¹	D0 - No luminaire
	150	BM - Black Matte		U1 - 1 luminaire		D1 - 1 luminaire
	200	XXXXX- Custom Color	SMA.STR10 - Compatible with STR10 SMA brackets ¹	UX - Custom qty ²	SMA.STR10 - Compatible with STR10 SMA brackets ¹	DX - Custom qty ²
	250					
	300					
	350					
	400					
	450					
	500					
	550					
	600					
	650					
	700					
750						
800						
850						
900						
950						
1000						



1. Brackets not included. Order one set per luminaire separately
2. Consult with factory

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

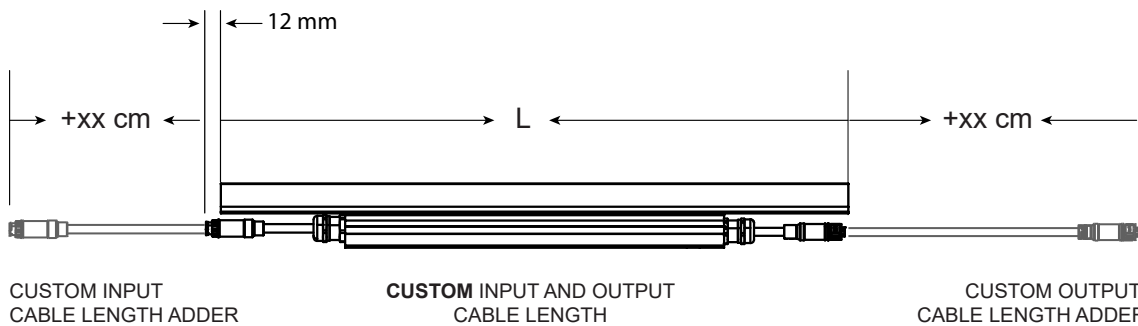
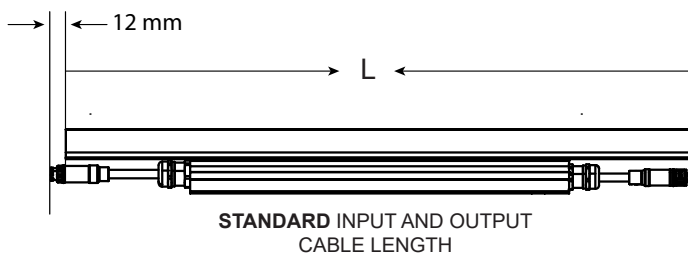
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

STR10-GEN2 CUSTOM CONFIGURATIONS

CUSTOM CABLE LENGTHS: INPUT, OUTPUT OR LINK CABLE

- For custom length of input/output cables, please define how much to add extra to the standard lengths
- Available in 10 mm (1 cm) increments up to 1,000 mm (100 cm). For other lengths, consult factory.
- The below example is for a STR10-GEN2-600. This customization is available on any nominal lengths



LUMINAIRE LENGTH		
NOMINAL LENGTH	ACTUAL BODY LENGTH (L)	ACTUAL BODY LENGTH (L) + INPUT CABLE
600	598 mm	610 mm
900	898 mm	910 mm
1200	1198 mm	1210 mm
1500	1498 mm	1510 mm

EXAMPLE OF CUSTOM INPUT/OUTPUT CABLE SELECTION			
INPUT CABLE LENGTH ADDER		OUTPUT CABLE LENGTH ADDER	
LENGTH	ORDER CODE	LENGTH	ORDER CODE
00 mm / 00 cm	ST	00 mm / 00 cm	ST
10 mm / 01 cm	01	10 mm / 01 cm	01
100 mm / 10 cm	10	100 mm / 10 cm	10
300 mm / 30 cm	30	300 mm / 30 cm	30
500 mm / 50 cm	50	500 mm / 50 cm	50
700 mm / 70 cm	70	700 mm / 70 cm	70
900 mm / 90 cm	90	900 mm / 90 cm	90
1,000 mm / 100 cm	00	1,000 mm / 100 cm	00

STR10[®] GEN2 MONO

INFINITY
BY THE BODY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

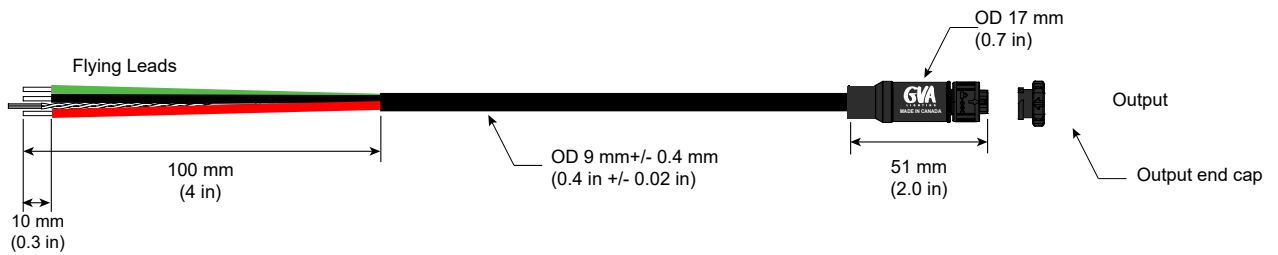
PRODUCT SPECIFICATION SHEET

LEADER AND JUMPER CABLE CONSTRUCTION

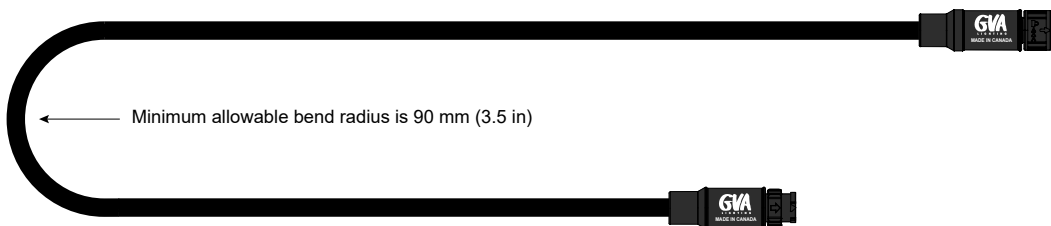
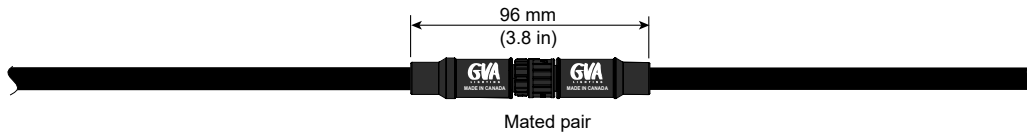
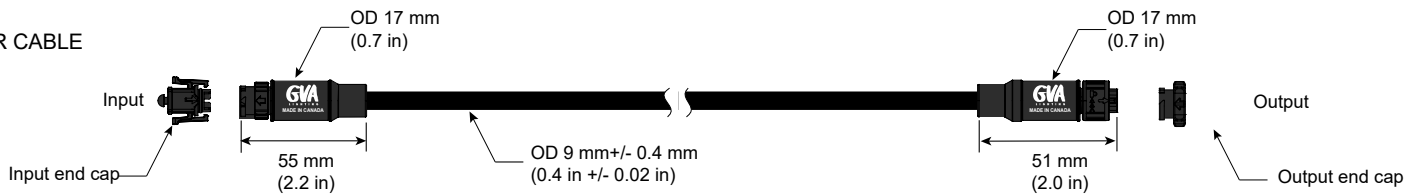
- Cable UL AWM/STYLE 22051, CSA C(RU) AWM I/II A/B FT1, 90°C Dry, 75°C Wet, 600Vrms, Sun Resistant, Hard Usage, CE EU Low Voltage Directive 2014/35 EU, Black Jacket
- Cable construction: 3x14 AWG power and grounding conductors and 2x24 AWG control conductors
- Rated operating temperature is -40°C to +90°C (-40°F to +194°F) in dry locations and -40°C to +75°C (-40°F to +167°F) in wet locations
- Leader and jumper cables come with preinstalled input and output connector caps

DIMENSIONS

LEADER CABLE



JUMPER CABLE



INF LEADER CABLE FLYING LEADS

WIRE COLOR	WIRE GAUGE	COLOR CODE
RED	14 AWG	DC (+)
BLACK	14 AWG	DC (-)
GREEN	14 AWG	GROUND / PE
YELLOW	24 AWG	DATA CS+
BLUE	24 AWG	DATA CS-

AC LEADER CABLE FLYING LEADS

WIRE COLOR	WIRE GAUGE	COLOR CODE
RED	14 AWG	LINE
BLACK	14 AWG	NEUTRAL
GREEN	14 AWG	GROUND / PE
YELLOW	24 AWG	DATA CS+
BLUE	24 AWG	DATA CS-

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

SPECIFICATION LOGIC: LEADER AND JUMPER CABLE

CABLE TYPE	VOLTAGE	LENGTH
LC - Leader Cable	INF3+CS AC3+CS	1M - 1 m (3.28 ft)
		5M - 5 m (16.40 ft)
		10M - 10 m (32.81 ft)
		20M - 20 m (65.61 ft)
		30M - 30 m (98.43 ft)
		40M - 40 m (131.23 ft)
		50M - 50 m (164.04 ft)
		60M - 60 m (196.85 ft)
		70M - 70 m (229.65 ft)
		80M - 80 m (262.46 ft)
		90M - 90 m (295.27 ft)
		100M - 100 m (328.08 ft)
		XX.XXM - CUSTOM XX.XX m
JC - Jumper Cable	INF3/AC3+CS	0.15M - 0.15 m (0.50 ft)
		0.3M - 0.30 m (0.98 ft)
		0.5M - 0.50 m (1.64 ft)
		0.75M - 0.75 m (2.46 ft)
		1M - 1.00 m (3.28 ft)
		2.5M - 2.50 m (8.20 ft)
		5M - 5.00 m (16.40 ft)
		10M - 10.00 m (32.81 ft)
		15M - 15.00 m (49.21 ft)
		20M - 20.00 m (65.61 ft)
		25M - 25.00 m (82.02 ft)
		30M - 30.00 m (98.43 ft)
		35M - 35.00 m (114.83 ft)
		40M - 40.00 m (131.23 ft)
		45M - 45.00 m (147.64 ft)
		50M - 50 m (164.04 ft)
		60M - 60 m (196.85 ft)
70M - 70 m (229.65 ft)		
80M - 80 m (262.46 ft)		
90M - 90 m (295.27 ft)		
100M - 100 m (328.08 ft)		
XX.XXM - CUSTOM XX.XX m		

CONNECTOR CAP, IP67

PART NUMBER	TYPE	WEIGHT
232121	CONNECTOR CAP FOR INPUT	1.10 g
232638	CONNECTOR CAP FOR OUTPUT	0.96 g



INPUT



OUTPUT

STR10[®] GEN2 MONO



STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: POWER SUPPLIES AND POWER DATA EQUIPMENT

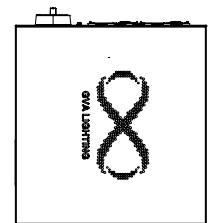
POWER-DATA CONVERTERS

FAMILY	VOLTAGE	INPUT DATA PROTOCOL	# OF OUTPUTS	TYPE OF OUTPUT	LEVEL OF SURGE	CABLE FITTINGS	COMPLIANCE	ADDRESSING
PDC-G5	INF - 380 V DC	ARTNET/SACNRJ45 - Art-Net or streaming sACN with Ethernet RJ45 Input	1	INF3+CS ⁴	6KV3KA- 6 KV and 3 KA surge protection	G - Cable glands	N - North America (UL/ANSI)	D - Default
	AC - 120-277 V AC		2	AC3+CS				
		ARTNET/SACNFO- Art-Net or streaming sACN with Fiber-Optic Input ¹			12KV6KA ⁵ - 12 KV and 6 KA surge protection	F - Conduit fitting	E - European Union (CE)	A - Addressed
		1DMX/RDM One DMX universe Input + One DMX Output			20KV10KA ⁵ - 20 KV and 10 KA surge protection	B - Cable glands & conduit fittings	U - United Kingdom (UKCA)	
		2DMX/RDM Two DMX universes Input					C - China (CCC) ¹	
	4DMX/RDM Four DMX universes Input					A - Australia & New Zealand (AS/NZS) ¹		
	DALI/0-10V DALI-2, 0~10V (monochromatic configurations only)					S - Saudi Arabia (SASO) ¹		
						J- Japan (PSE) ¹		



INFINITY POWER SUPPLIES IP30

PART NUMBER	DESCRIPTION
G20488	POWER SUPPLY, PS-INF-3KW, 1-MODULE, 120/(208-240)/277 V AC, IP30 ²
G20491	POWER SUPPLY, PS-INF-6KW, 2-MODULE, 120/(208-240)/277 V AC, IP30 ²



INFINITY POWER SUPPLIES IP66

FAMILY	OUTPUT VOLTAGE	POWER	INPUT VOLTAGE	INPUT SURGE PROTECTION	COMPLIANCE	CONSTRUCTION
PS	INF - 380 V DC	3.5KW	240 - 240 V AC	6KV/3KA	N - North America (UL/ANSI)	IP66
			230 - 230 V AC	12KV/6KA		
			208 - 208 V AC	20KV/10KA	E - European Union (CE)	
			120 - 120 V AC ⁶		U - United Kingdom (UKCA)	
			100 - 100 V AC ⁶		C - China (CCC) ¹	
					A - Australia & New Zealand (AS/NZS) ¹	
					S - Saudi Arabia (SASO) ¹	
					J- Japan (PSE) ¹	



- Under development. Consult with factory
- Power derated to 1.7 KW for G20488 and 3.4 KW for G20491 when supplied with 120 V AC
- INF2 - two conductors (positive and negative) for HL-G4-INF, PIXEL-TW-G2-INF luminaires, where protective earth contact is not required
- INF3 - three conductors (positive, negative, and protective earth) for STR9-G4, STR10, FL-G2 luminaires, where protective earth contact is required
- Optional enhanced surge protection
- Maximum power output 2200 W

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM



GVA
LIGHTING

STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: POWER SUPPLIES AND POWER DATA EQUIPMENT

POWER-DATA CONVERTERS

FAMILY	NOMINAL INPUT VOLTAGE	COMMUNICATION PROTOCOL	NUMBER OF OUTPUTS	COMPLIANCE	CONSTRUCTION
SPL Splitter	INF/AC 380 V DC or 100-277 V AC	CS Color-Stream	1OUT 1 output (repeater mode)	N North America (UL/ ANSI)	IP66 Ingress Protection rating: IP66
			2OUT 2 outputs	E European Union (CE)	
			3OUT 3 outputs	U United Kingdom (UKCA)	
				C China (CCC) ¹	
				A Australia & New Zealand (AS/NZS) ¹	
				S Saudi Arabia (SASO) ¹	
				J Japan (PSE) ¹	



North America

PART NUMBER	DESCRIPTION
G20752	SPL-INF/AC-CS-1OUT-N-IP66
G20753	SPL-INF/AC-CS-2OUT-N-IP66
G20744	SPL-INF/AC-CS-3OUT-N-IP66

European Union

PART NUMBER	DESCRIPTION
G20757	SPL-INF/AC-CS-1OUT-E-IP66
G20758	SPL-INF/AC-CS-2OUT-E-IP66
G20759	SPL-INF/AC-CS-3OUT-E-IP66

United Kingdom

PART NUMBER	DESCRIPTION
G20763	SPL-INF/AC-CS-1OUT-U-IP66
G20764	SPL-INF/AC-CS-2OUT-U-IP66
G20765	SPL-INF/AC-CS-3OUT-U-IP66

China

PART NUMBER	DESCRIPTION
G20769	SPL-INF/AC-CS-1OUT-C-IP66
G20770	SPL-INF/AC-CS-2OUT-C-IP66
G20771	SPL-INF/AC-CS-3OUT-C-IP66

Australia & New Zealand

PART NUMBER	DESCRIPTION
G20775	SPL-INF/AC-CS-1OUT-A-IP66
G20776	SPL-INF/AC-CS-2OUT-A-IP66
G20777	SPL-INF/AC-CS-3OUT-A-IP66

Saudi Arabia

PART NUMBER	DESCRIPTION
G20781	SPL-INF/AC-CS-1OUT-S-IP66
G20782	SPL-INF/AC-CS-2OUT-S-IP66
G20783	SPL-INF/AC-CS-3OUT-S-IP66

Japan

PART NUMBER	DESCRIPTION
G20787	SPL-INF/AC-CS-1OUT-J-IP66
G20788	SPL-INF/AC-CS-2OUT-J-IP66
G20789	SPL-INF/AC-CS-3OUT-J-IP66

1. Under development. Consult with factory.

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM

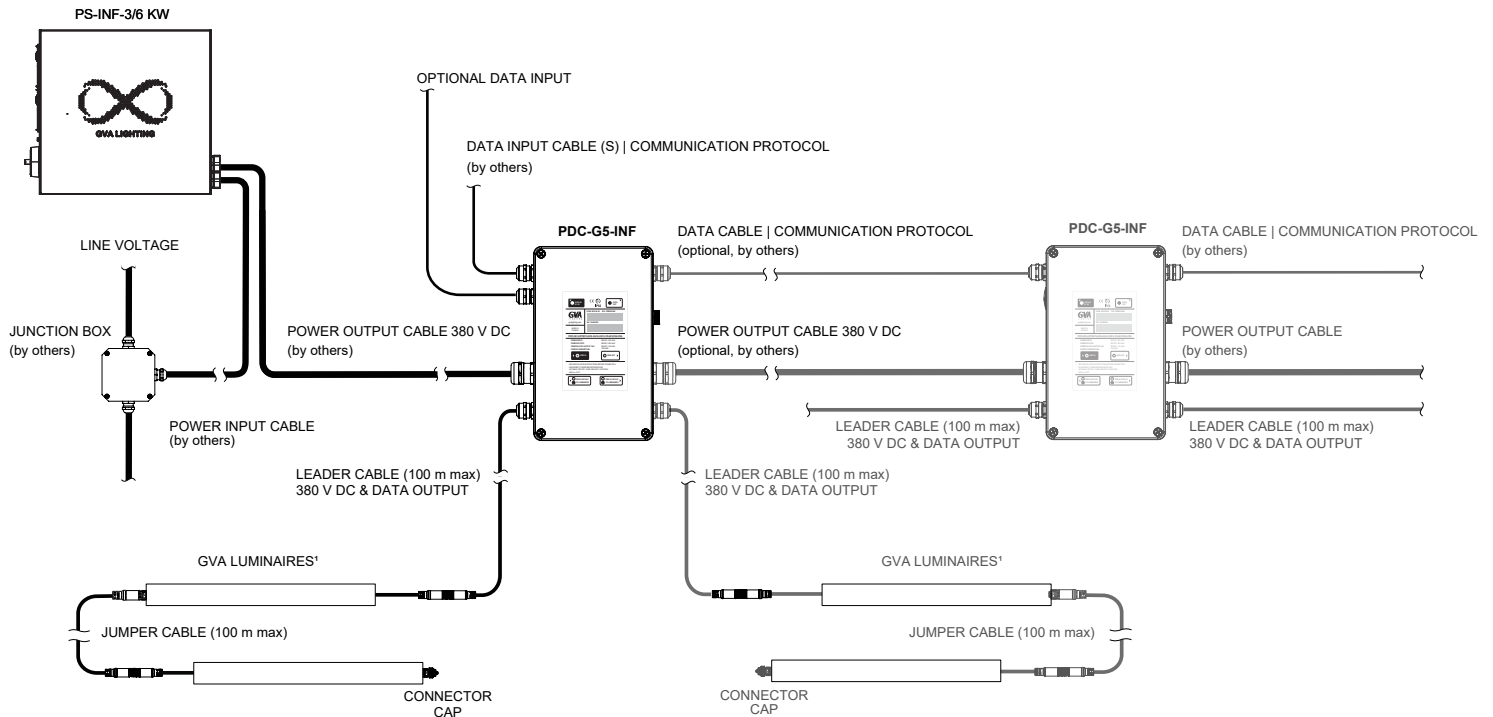


GVA
LIGHTING

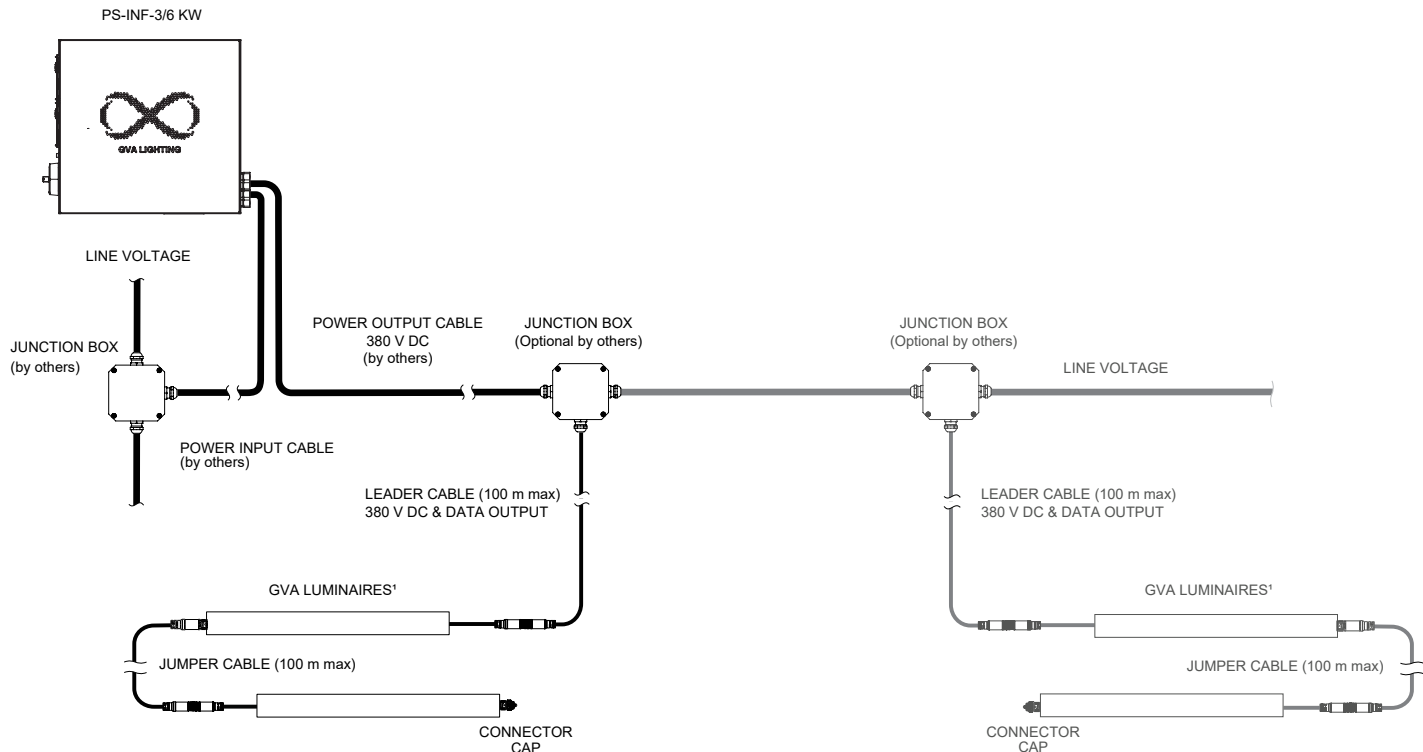
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

TYPICAL SYSTEM DIAGRAM: INFINITY (WITH CONTROL)^{2,3}



TYPICAL SYSTEM DIAGRAM: INFINITY (STATIC: ON/OFF)^{2,3}



1. Represents a GVA Color-Stream[®] compatible luminaire.
2. Maximum Leader and Jumper cables lengths may vary based on your specific application needs. For precise specifications, please consult with the factory.
3. Product illustrations are for representation only and may not reflect actual size

STR10[®] GEN2 MONO

INFINITY
UNIBODY
COLOR-STREAM

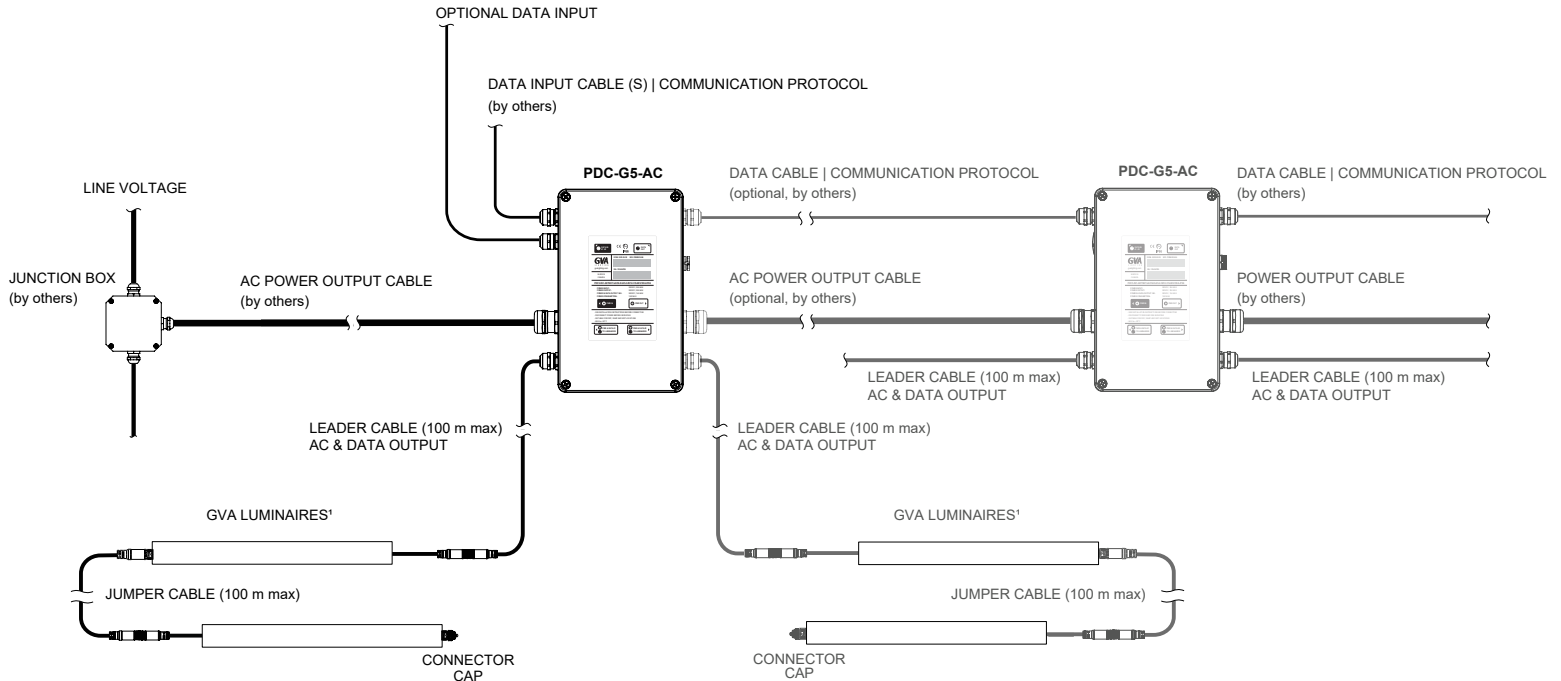


GVA
LIGHTING

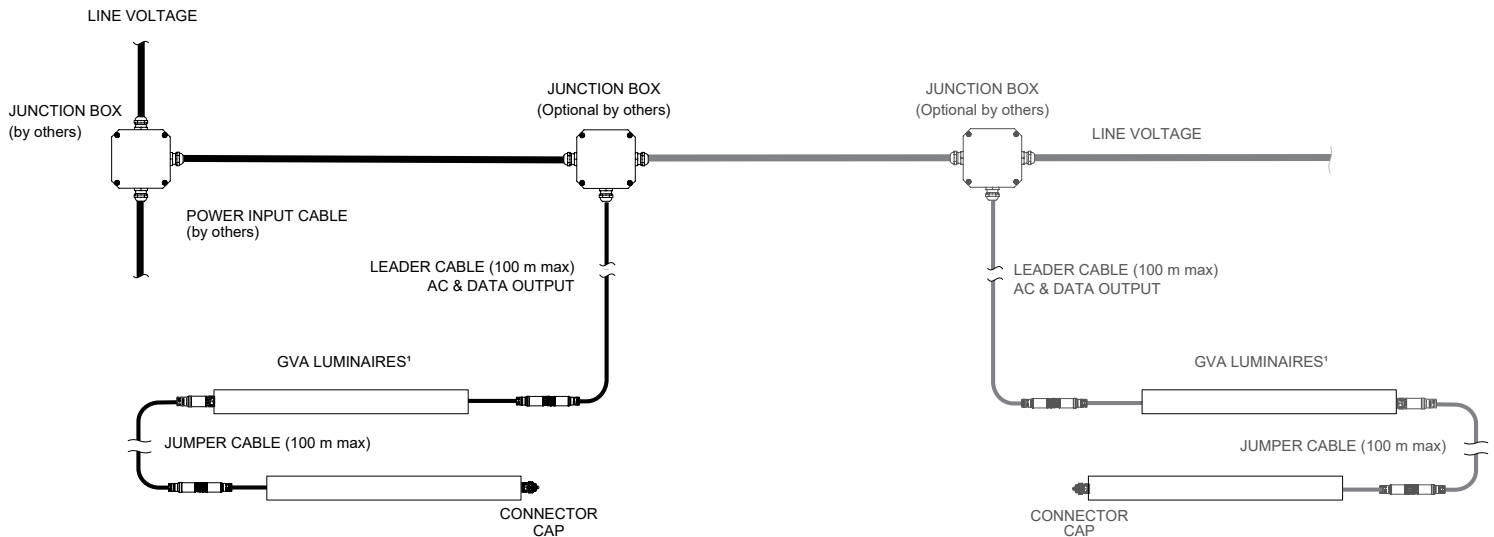
STR10[®] GEN2 SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

TYPICAL SYSTEM DIAGRAM: AC (WITH CONTROL)^{2,3}



TYPICAL SYSTEM DIAGRAM: AC (STATIC: ON/OFF)^{2,3}



1. Represents a GVA Color-Stream[®] compatible luminaire.
2. Maximum Leader and Jumper cables lengths may vary based on your specific application needs. For precise specifications, please consult with the factory.
3. Product illustrations are for representation only and may not reflect actual size