

STR10™ MONO



STR10™ SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

DESCRIPTION

STR10™ MONO is the latest generation linear luminaire in the STR product series. Built on the award-winning COLOR-STREAM® platform, STR10™ delivers exceptional performance and outstanding flexibility for architectural wall washing and grazing applications. Capable of communication speeds up to 16 times faster than DMX, liquid-smooth dimming, pixel resolution down to 100 mm and featuring INFINITY® technology, STR10™ can be implemented for circuit lengths of up to 278 meters (912 ft).

DATE:	
TYPE:	
COMPANY:	
PROJECT:	



Pixel Resolution Down to 100 mm (4 in)

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 1,119 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
- IP66

OPTIONS

- 300 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 (26 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), ELV (48 V DC), or AC (277 V AC, 240 V AC, 230 V AC, 208 V AC, 120 V AC, and 100 V AC) input
- Two climate zone options with maximum ambient temperature of +30°C (+86°F) or +50°C (+122°F)
- Diverse range of communication protocols via GVA's Power-Data Converter PDC-GEN5: Art-Net 4, sACN, DMX-512A, DALI 2 or 0~10V

1. Consult factory for details. See page 5.
2. Actual length 306mm

STR10™ MONO



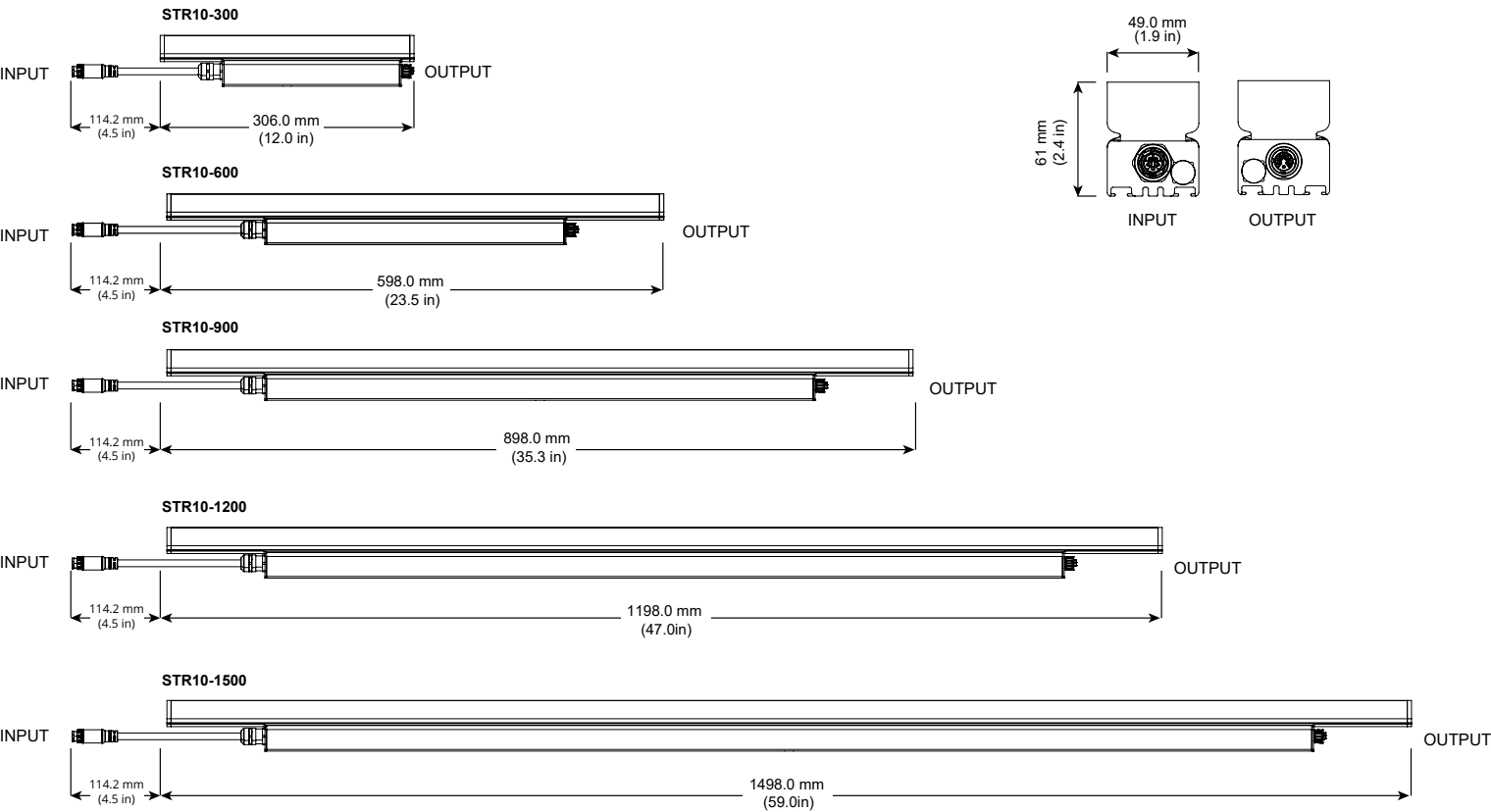
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MECHANICAL FEATURES

- Rugged construction – Anodized extruded aluminum body and machined endcaps, optically clear tempered glass (IP66, 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



1. Higher IK configurations available, consult factory for details

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		MIN		NOMINAL		MAX	
VOLTAGE	INPUT VOLTAGE, INF	300 V DC		380 V DC		400 V DC	
	INPUT VOLTAGE, ELV	20 V DC		48 V DC		52.8 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					
		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
		ELV					
		5 W	5 W	10 W	15 W	20 W	25 W
		10 W	10 W	20 W	30 W	40 W	50 W
		15 W	15 W	30 W	45 W	60 W	75 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 / DALI 2 or 0~10V control via GVA Power-Data Equipment (PDC-GEN5)					
ENVIRONMENT	WORKING TEMPERATURE (°C/°F)	-40°C ~ +50°C / -40°F ~ +122°F					
	WORKING HUMIDITY	0% ~ 95% RH non-condensing					
	STORAGE TEMPERATURE, HUMIDITY	-40°C ~ +80°C (-40°F ~ +176°C), 20% ~ 95% RH non-condensing					
	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/s²)					
	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

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CERTIFICATION & SAFETY	IEC CLASSIFICATIONS	ELV - Class III AC/INF - Class I					
	CERTIFICATIONS	CE, QPS (US Field Evaluation) or ETL (Special Electric Equipment Inspection), IP66					
	SAFETY STANDARDS¹	UL 8750, CAN/CSA-C22.2 No. 250.13, IEC/EN 60598-2-1					
	EMC EMISSION¹	CISPR-15 Edition 9.0 2018, FCC Part 15 Class B					
	EMC IMMUNITY²	Compliance to IEC 61547, IEC 61000-4-2 Class 4², 61000-4-3 Level 3², 61000-4-4 Level 4², 61000-4-5 Level 4², 61000-4-6, 61000-4-8					
PHYSICAL	HOUSING	Anodized extruded aluminum body and machined endcaps, optically clear tempered glass					
	DIMENSIONS	NOMINAL LENGTH (MM)	300	600	900	1200	1500
		LENGTH	306 mm (12.0 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		0.7 kg (1.5 lbs)	1.4 kg (3.0 lbs)	2.1 kg (4.6 lbs)	2.8 kg (6.2 lbs)	3.5 kg (7.7 lbs)

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

STR10™ MONO



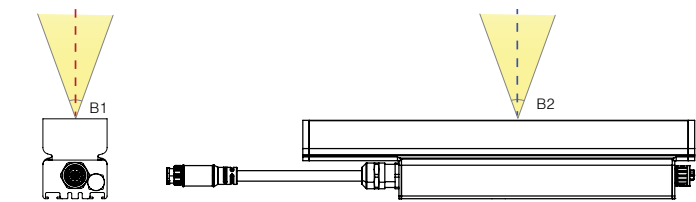
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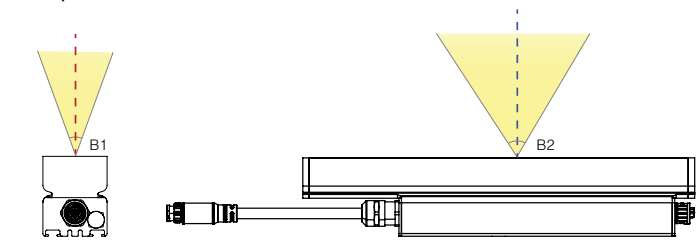
LIGHTING PERFORMANCE

- Up to 1,119 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° x 60°, 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°, 15° x 15° x 20° Right, 15° x 15° 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

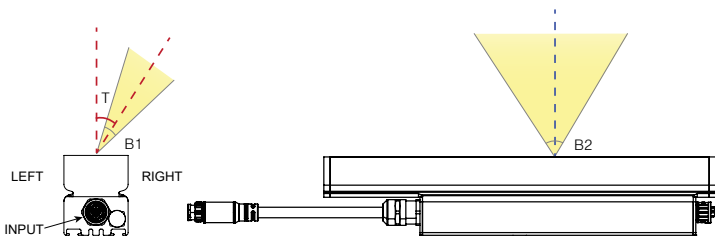
LIGHT DISTRIBUTION



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)

LED	NOMINAL WATTAGE/FT		
	5W/FT	10W/FT	15W/FT
3000K	397 lm	780 lm	1,119 lm

COLOR LEDs WAVELENGTH¹

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. For specific wavelength, other than above, consult factory.

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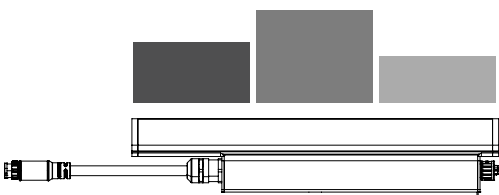
PRODUCT SPECIFICATION SHEET

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 / 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)

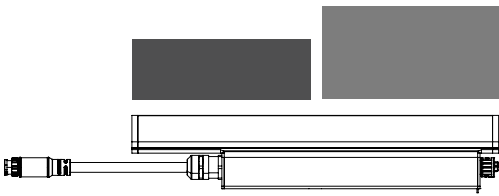
PIXEL RESOLUTION

STR10-300



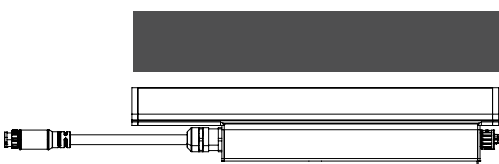
PIXEL
RESOLUTION
DOWN TO
100 mm (4 in)

STR10-300



PIXEL
RESOLUTION
DOWN TO
150 mm (6 in)

STR10-300



PIXEL
RESOLUTION
DOWN TO
300 mm (12 in)

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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.

	NOMINAL WATTAGE				
VOLTAGE	RESOLUTION	REFRESH RATE	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.

	NOMINAL WATTAGE				
VOLTAGE	RESOLUTION	REFRESH RATE	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.

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PRODUCT SPECIFICATION SHEET

FAMILY	NOMINAL LENGTH (MM)	BODY COLORS	NOMINAL POWER PER 300MM (1FT)	PIXEL RESOLUTION	LED CODE: CCT, CRI, BINNING	NOMINAL BEAM ANGLE (FWHM)	INTERNAL GLARE CONTROL ACCESSORIES	NOMINAL INPUT VOLTAGE	ENVIRONMENT	COMPLIANCE
STR10	300'	CM Clear Matte Anodized	5W	R100 100 mm (4 in) pixel size	1873 - 1800K, 70 CRI, 3-step ²	5 - 5° x 5°	O - No Accessories	INF - 380 V DC	N Normal - Temp range -40°C ~ +30°C / -40°F ~ +86°F, IP66	N North America (UL/ANSI)
	600		10W		2073 - 2000K, 70 CRI, 3-step ²	8 - 8° x 8°	H - Microlouver Horizontal	ELV - 48 V DC		
	900		BM Black Matte Anodized XXXXX Custom Color		15W	2283 - 2200K, 80 CRI, 3-step ²	10 - 10° x 10°	V - Microlouver Vertical	277 - 277 V AC Single-Phase	H Hot - Temp range -40°C ~ +50°C / -40°F ~ +122°F, IP66
	1200	R150 150 mm (6 in) pixel size		2583 - 2500K, 80 CRI, 3-step ²	30 - 30° x 30°	L - Half Frosted Glass Left	240 - 240 V AC Single-Phase			
	1500	R300 300mm (12 in) pixel size		2783 - 2700K, 80 CRI, 3-step	60 - 60° x 60°	R - Half Frosted Glass Right	230 - 230 V AC Single-Phase			
				2793 - 2700K, 90 CRI, 3-step ²	80 - 80° x 80°	T - Half Frosted Glass Left + Micro Louver Vertical	208 - 208 V AC Phase-to-Phase ³			
				3083 - 3000K, 80 CRI, 3-step	100 - 100° x 100°	J - Half Frosted Glass Right + Micro Louver Vertical	120 - 120 V AC			
				3093 - 3000K, 90 CRI, 3-step ²	510 - 5° x 10°	Z - Half Frosted Glass Left + Micro Louver Horizontal	100 - 100 V AC Single-Phase ³			
				3583 - 3500K 80 CRI, 3-step ²	530 - 5° x 30°	S - Half Frosted Glass Right + Micro Louver Horizontal				
				3593 - 3500K, 90 CRI, 3-step ²	560 - 5° x 60°					
				4083 - 4000K, 80 CRI, 3-step	1030 - 10° x 30°					
				4093 - 4000K, 90 CRI, 3-step ²	1060 - 10° x 60°					
				5083 - 5000K, 80 CRI, 3-step	1090 - 10° x 90°					
				5093 - 5000K, 90 CRI, 3-step ²	2060 - 20° x 60°					
				6583 - 6500K, 80 CRI, 3-step	3060 - 30° x 60°					
				RD - Red	A20R - 15° x 15° x 20° Right					
				GR - Green	A20L - 15° x 15° x 20° Left					
				BL - Blue	B08R - 20° x 60° x 8° Right					
				AM - Amber	B08L - 20° x 60° x 8° Left					
				A05L - 15° x 15° x 5° Tilt Left						
			A05R - 15° x 15° x 5° Tilt Right							
			C05L - 15° x 55° x 5° Tilt Left							
			C05R - 15° x 55° x 5° Tilt Right							

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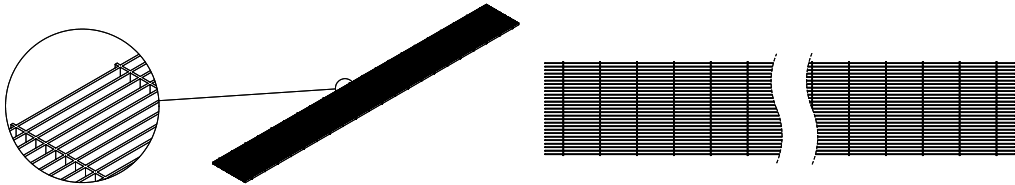
STR10™ SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: STR10™ MOUNTING ACCESSORIES

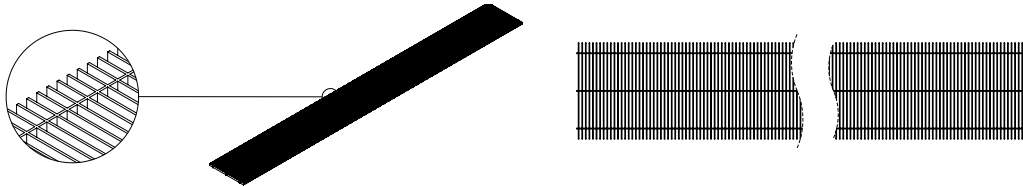
INTERNAL LOUVERS

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.

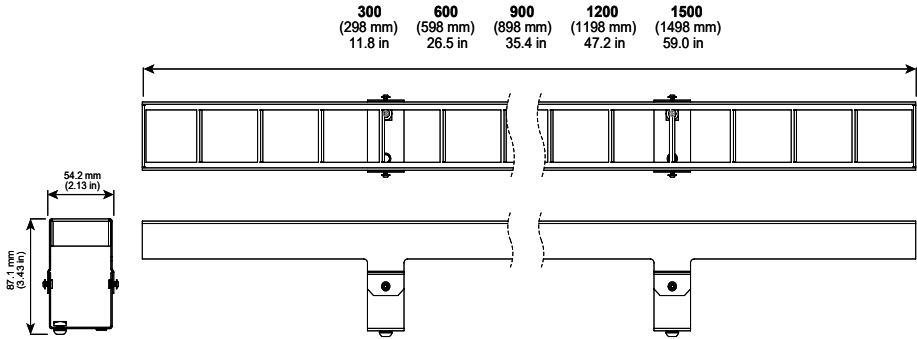
V - INTERNAL MICRO LOUVER, VERTICAL	BLACK	0.16	0.35
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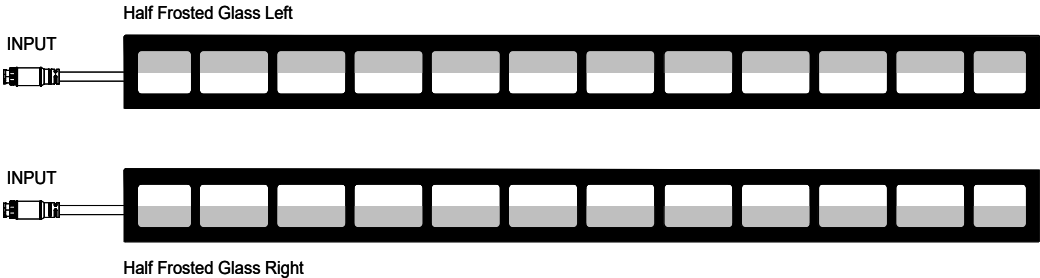
*Please select option in the specification logic table if required. Item is factory installed only.

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™ MONO

INFINITY
GVA TECHNOLOGY
COLOR-STREAM
GVA TECHNOLOGY



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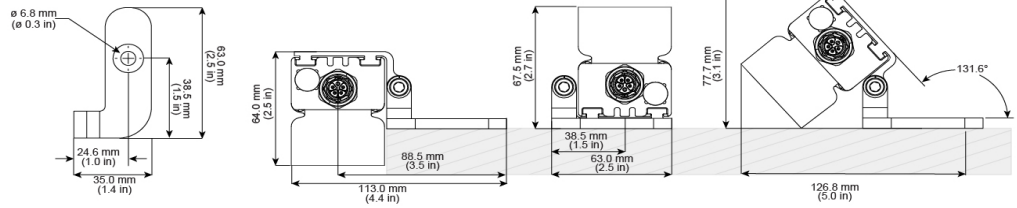
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ORDERING LOGIC: STR10™ MOUNTING ACCESSORIES

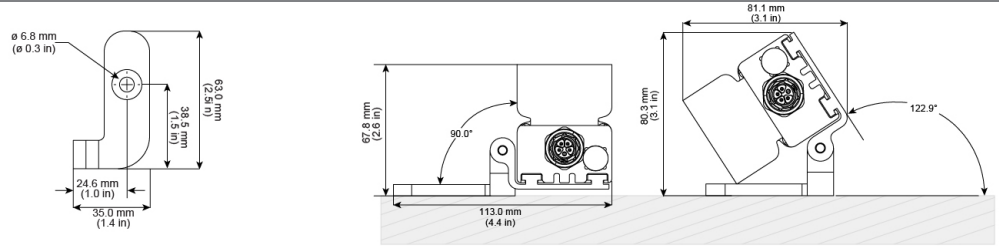
SMA-I ADJUSTABLE SURFACE MOUNT-INSIDE

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



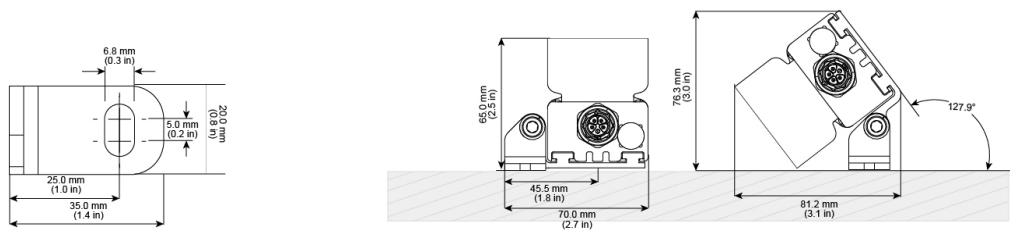
SMA-O ADJUSTABLE SURFACE MOUNT-OUTSIDE

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



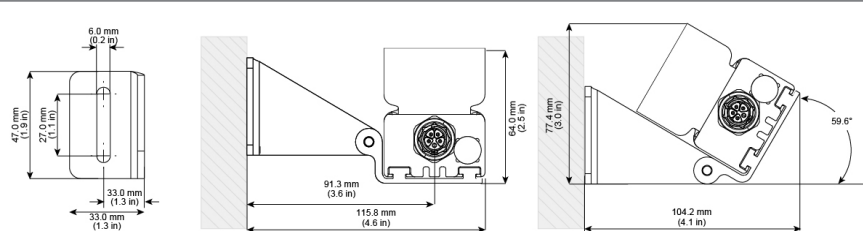
W55 ADJUSTABLE WALL MOUNT (SURFACE MOUNTABLE)

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



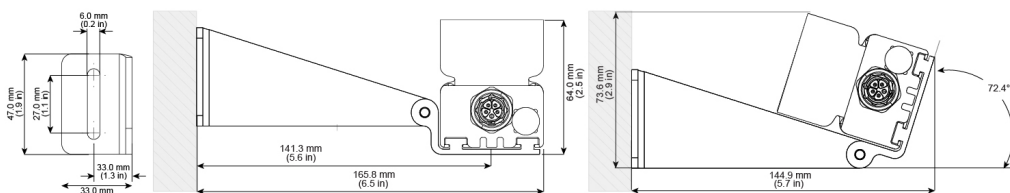
W90 ADJUSTABLE WALL MOUNT

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		



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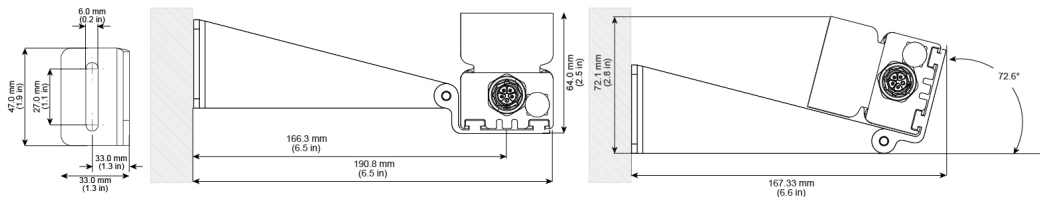
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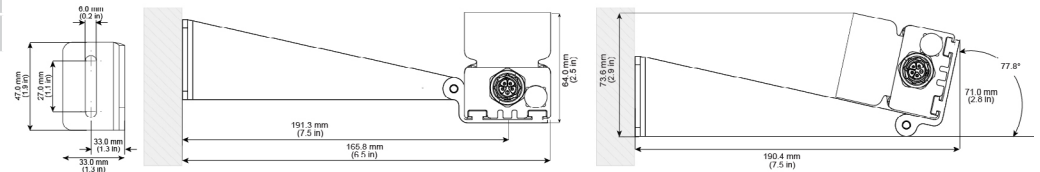
W165 ADJUSTABLE WALL MOUNT

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		



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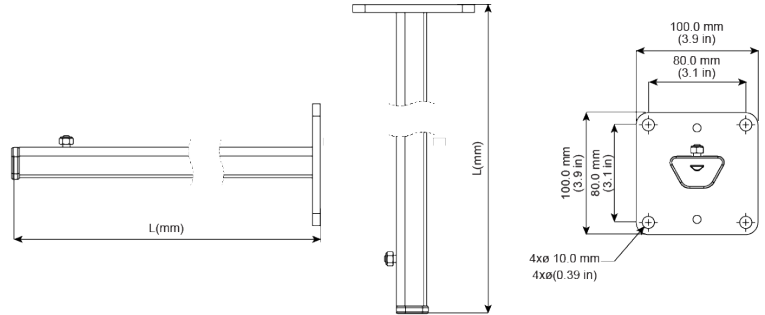
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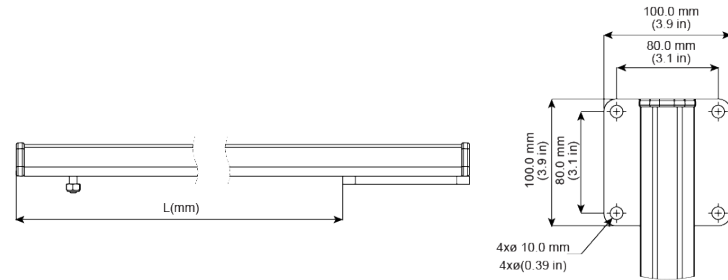
CCV - CANTILEVER CEILING AND VERTICAL MOUNT - 100 MM TO 500 MM

TYPE	CLEAR MATTE PART NUMBER	BLACK MATTE PART NUMBER	WEIGHT	
			kg	lbs
CCV-100	126903	126922	0.77	1.69
CCV-150	126904	126923	0.87	1.92
CCV-200	126905	126924	0.98	2.16
CCV-250	126906	126925	1.08	2.39
CCV-300	126907	126926	1.19	2.62
CCV-350	126908	126927	1.29	2.85
CCV-400	126909	126928	1.40	3.08
CCV-450	126910	126929	1.50	3.31
CCV-500	126911	126930	1.61	3.54



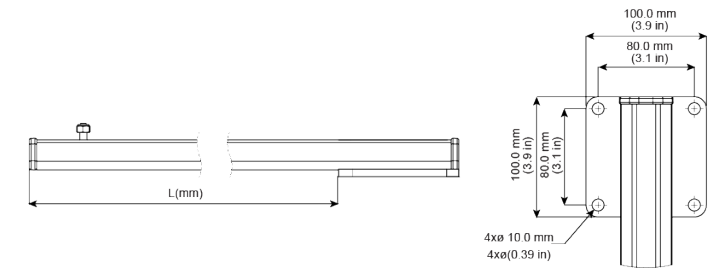
CHD - CANTILEVER HORIZONTAL MOUNT, DOWNLIGHT - 100 MM TO 500 MM

TYPE	CLEAR MATTE PART NUMBER	BLACK MATTE PART NUMBER	WEIGHT	
			kg	lbs
CHD-100	126961	126970	1.93	4.25
CHD-150	126962	126971	2.14	4.71
CHD-200	126963	126972	2.35	5.17
CHD-250	126964	126973	2.56	5.63
CHD-300	126965	126974	2.77	6.10
CHD-350	126966	126975	2.98	6.56
CHD-400	126967	126976	3.18	7.02
CHD-450	126968	126977	3.39	7.48
CHD-500	126969	126978	3.60	7.95



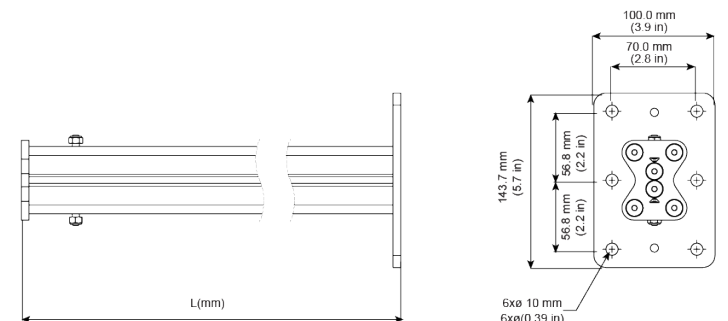
CHU - CANTILEVER HORIZONTAL MOUNT, UPLIGHT - 100 MM TO 500 MM

TYPE	CLEAR MATTE PART NUMBER	BLACK MATTE PART NUMBER	WEIGHT	
			kg	lbs
CHU-100	126980	126989	1.93	4.25
CHU-150	126981	126990	2.14	4.71
CHU-200	126982	126991	2.35	5.17
CHU-250	126983	126992	2.56	5.63
CHU-300	126984	126993	2.77	6.10
CHU-350	126985	126994	2.98	6.56
CHU-400	126986	126995	3.18	7.02
CHU-450	126987	126996	3.39	7.48
CHU-500	126988	126997	3.60	7.95



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

TYPE	CLEAR MATTE PART NUMBER	BLACK MATTE PART NUMBER	WEIGHT	
			kg	lbs
DCV-C-100	123628	123647	3.86	8.5
DCV-C-150	123629	123648	4.28	9.44
DCV-C-200	123630	123649	4.70	10.36
DCV-C-250	123631	123650	5.12	11.29
DCV-C-300	123632	123651	5.54	12.21
DCV-C-350	123633	123652	5.96	13.14
DCV-C-400	123634	123653	6.36	14.02
DCV-C-450	123635	123654	6.78	14.95
DCV-C-500	123636	123655	7.20	15.87



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STR10™ SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

LEADER AND JUMPER CABLE CONSTRUCTION

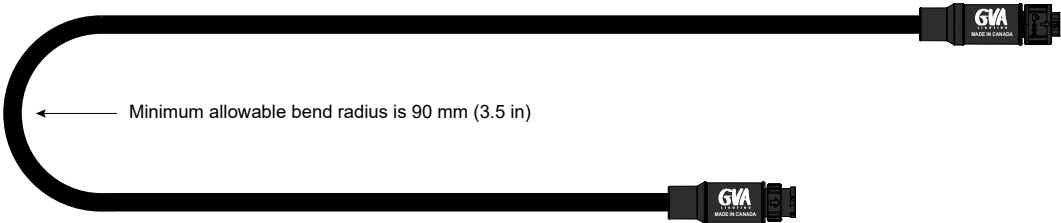
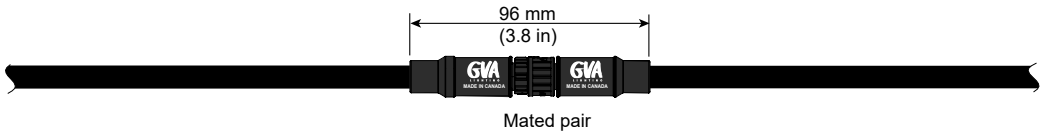
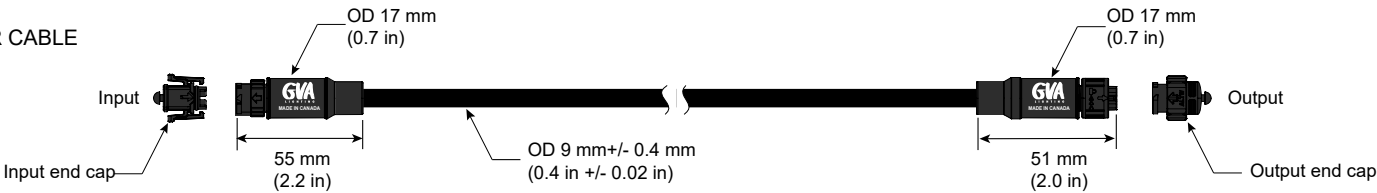
- Cable UL AWM/STYLE 22051, CSA C(RU) AWM I/II A/B FT1, 90°C Dry, 75°C Wet, 600Vrms, Sun Resistant, Hard Usage, CE EU Low Voltage Directive 2014/35 EU, Black Jacket
- Cable construction: 3x14 AWG power and grounding conductors and 2x24 AWG control conductors
- Rated operating temperature is -40°C to + 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



ELV / 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-

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PRODUCT SPECIFICATION SHEET

SPECIFICATION LOGIC: LEADER AND JUMPER CABLE

CABLE TYPE	VOLTAGE	LENGTH
LC - Leader Cable	INF3+CS	1M - 1 m (3.28 ft)
	ELV2+CS	5M - 5 m (16.40 ft)
	AC3+CS	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)
	ELV2+CS	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
232396	CONNECTOR CAP FOR OUTPUT	2.00 g



INPUT



OUTPUT

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STR10™ SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

ORDERING LOGIC: POWER SUPPLIES AND POWER DATA EQUIPMENT

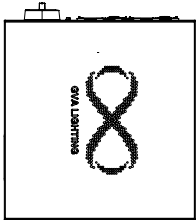
POWER-DATA CONVERTERS

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



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	E - European Union (CE)	
			208 - 208 V AC	20KV/10KA	U - United Kingdom (UKCA)	
			120 - 120 V AC ⁶		C - China (CCC) ¹	
			100 - 100 V AC ⁶		A - Australia & New Zealand (AS/NZS) ¹	
					S - Saudi Arabia (SASO) ¹	
					J - Japan ¹	



1. Under development. Consult with factory

2. Power derated to 1.7 KW for G20488 and 3.4 KW for G20491 when supplied with 120 V AC

3. INF2 - two conductors (positive and negative) for HL-G4-INF, PIXEL-TW-G2-INF luminaires, where protective earth contact is not required

4. INF3 - three conductors (positive, negative, and protective earth) for STR9-G4, STR10, FL-G2 luminaires, where protective earth contact is required

5. Optional enhanced surge protection

6. Maximum power output 2200 W

STR10™ MONO

INFINITY®
GVA TECHNOLOGY
COLOR-STREAM®
GVA TECHNOLOGY

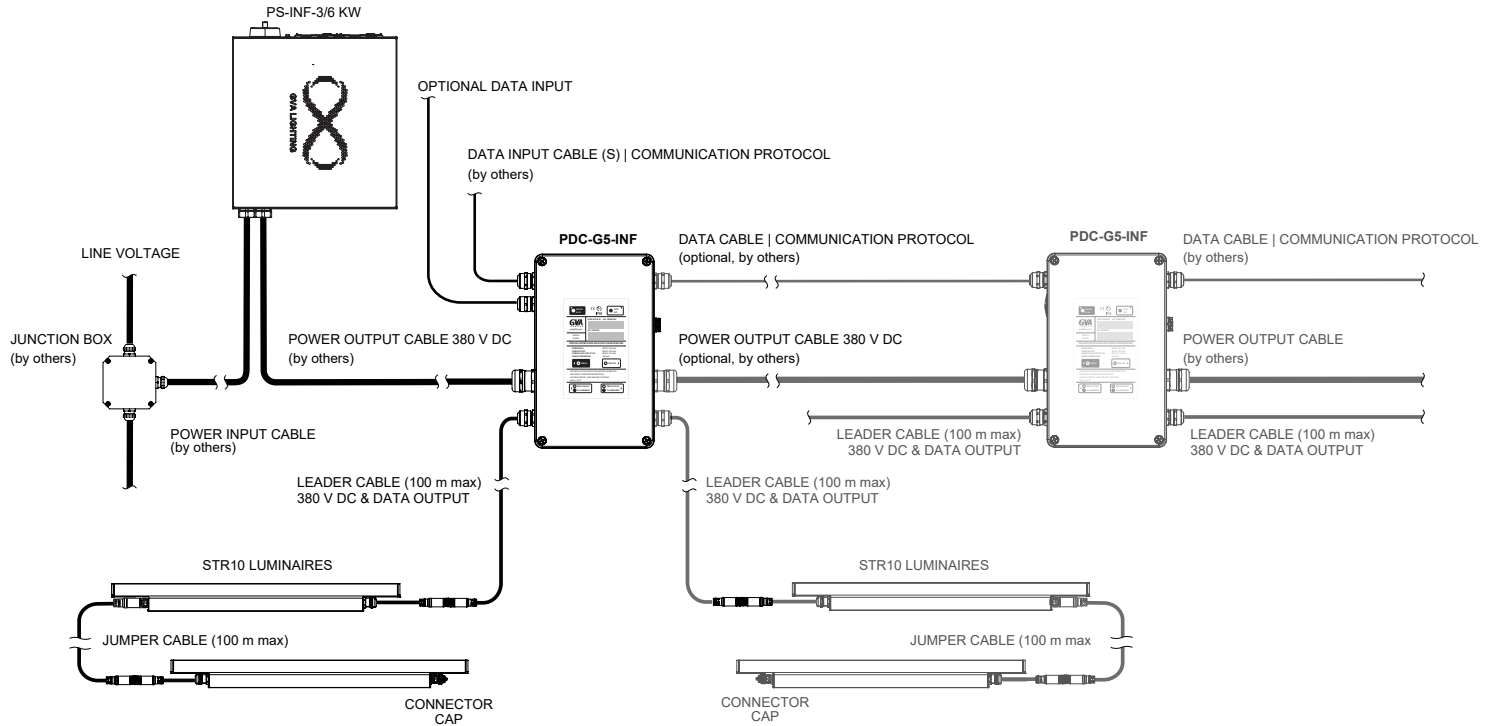


GVA
LIGHTING

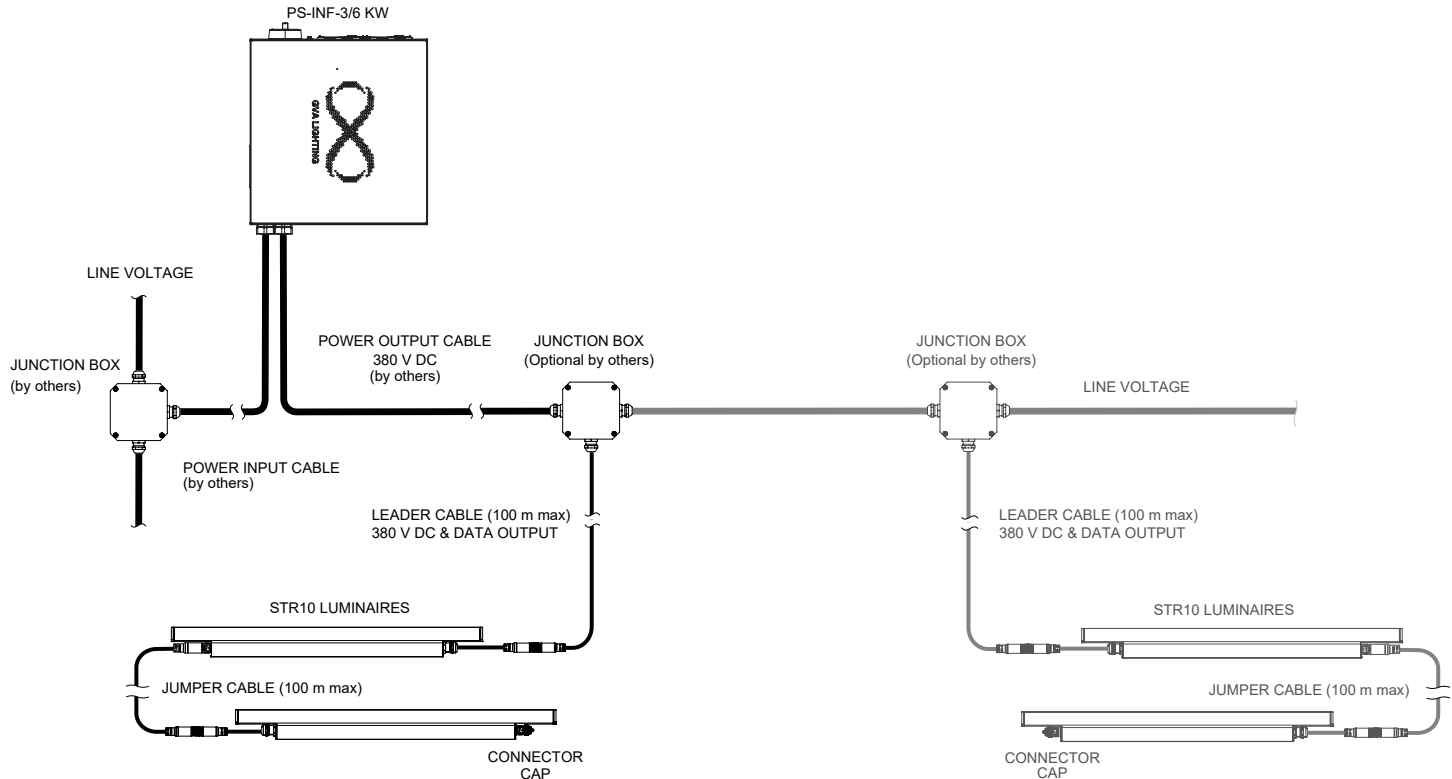
STR10™ SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

TYPICAL SYSTEM DIAGRAM: INFINITY (WITH CONTROL)^{1,2}



TYPICAL SYSTEM DIAGRAM: INFINITY (WITHOUT CONTROL)^{1,2}



1. Maximum Leader and Jumper cables lengths may vary based on your specific application needs. For precise specifications, please consult with the factory.
2. Product illustrations are for representation only and may not reflect actual size

STR10™ MONO

INFINITY
GVA TECHNOLOGY
COLOR-STREAM
GVA TECHNOLOGY

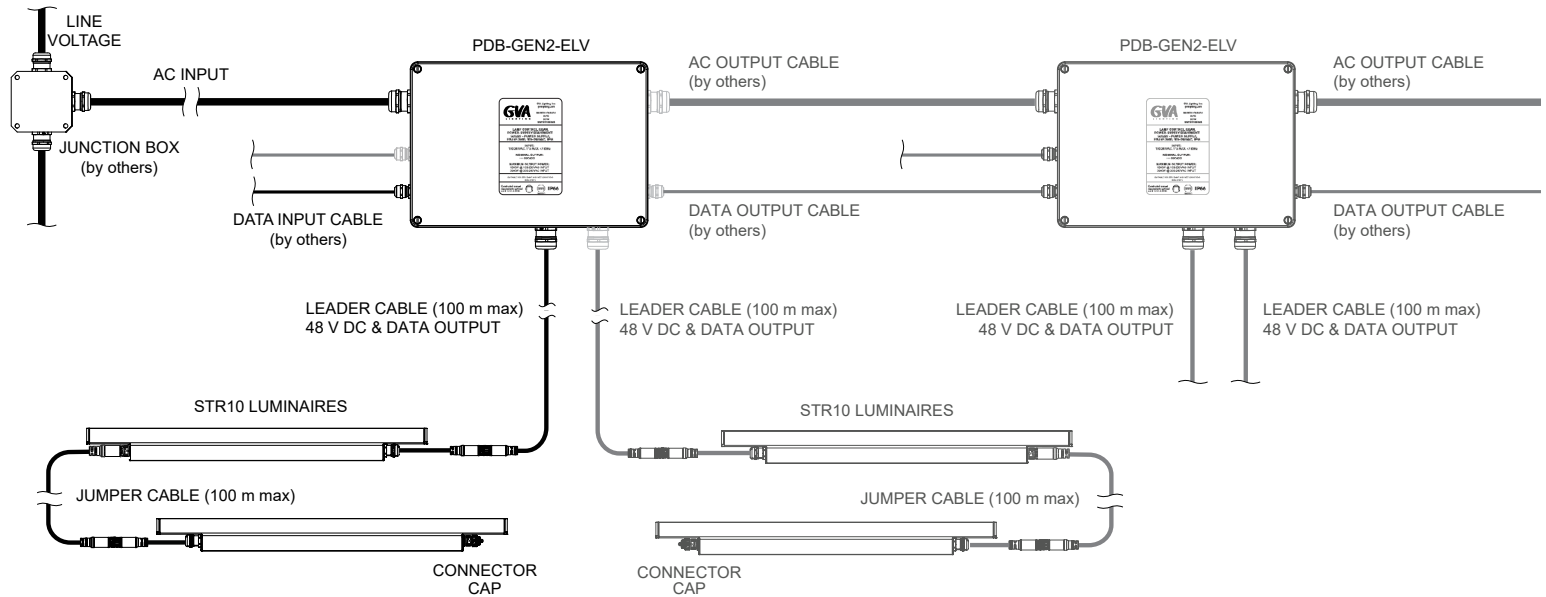


GVA
LIGHTING

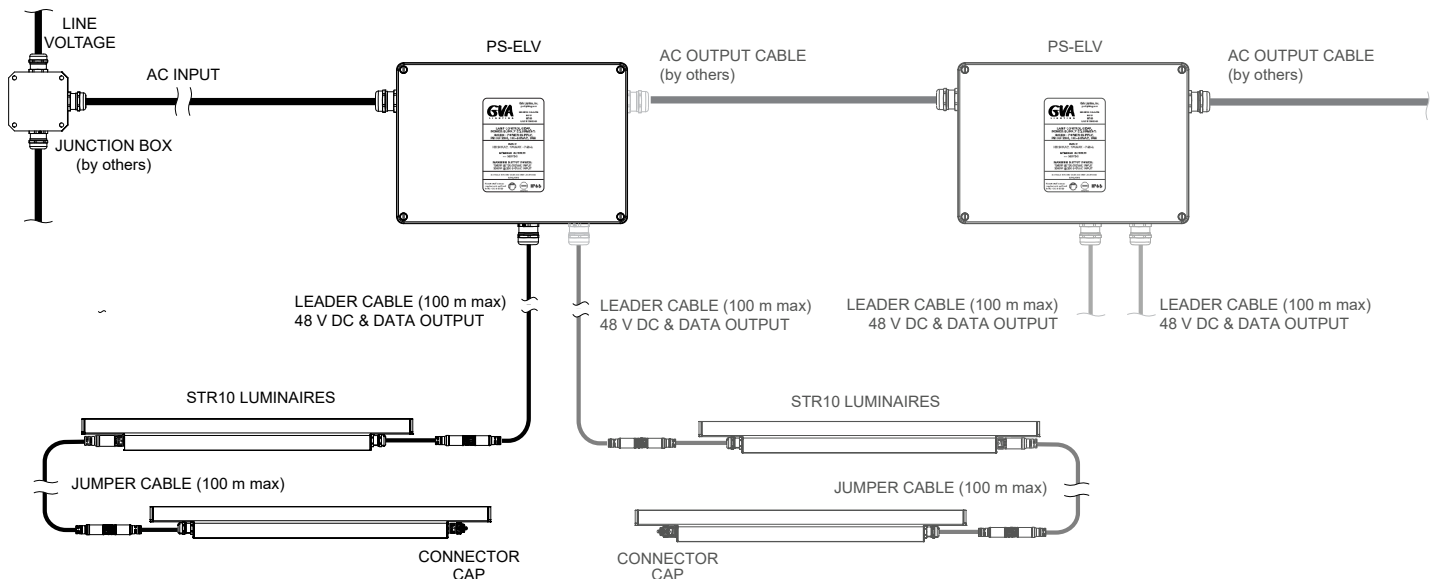
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PRODUCT SPECIFICATION SHEET

TYPICAL SYSTEM DIAGRAM: ELV (WITH CONTROL)^{1,2}



TYPICAL SYSTEM DIAGRAM: ELV (WITHOUT CONTROL)^{1,2}



1. Maximum Leader and Jumper cables lengths may vary based on your specific application needs. For precise specifications, please consult with the factory.
2. Product illustrations are for representation only and may not reflect actual size

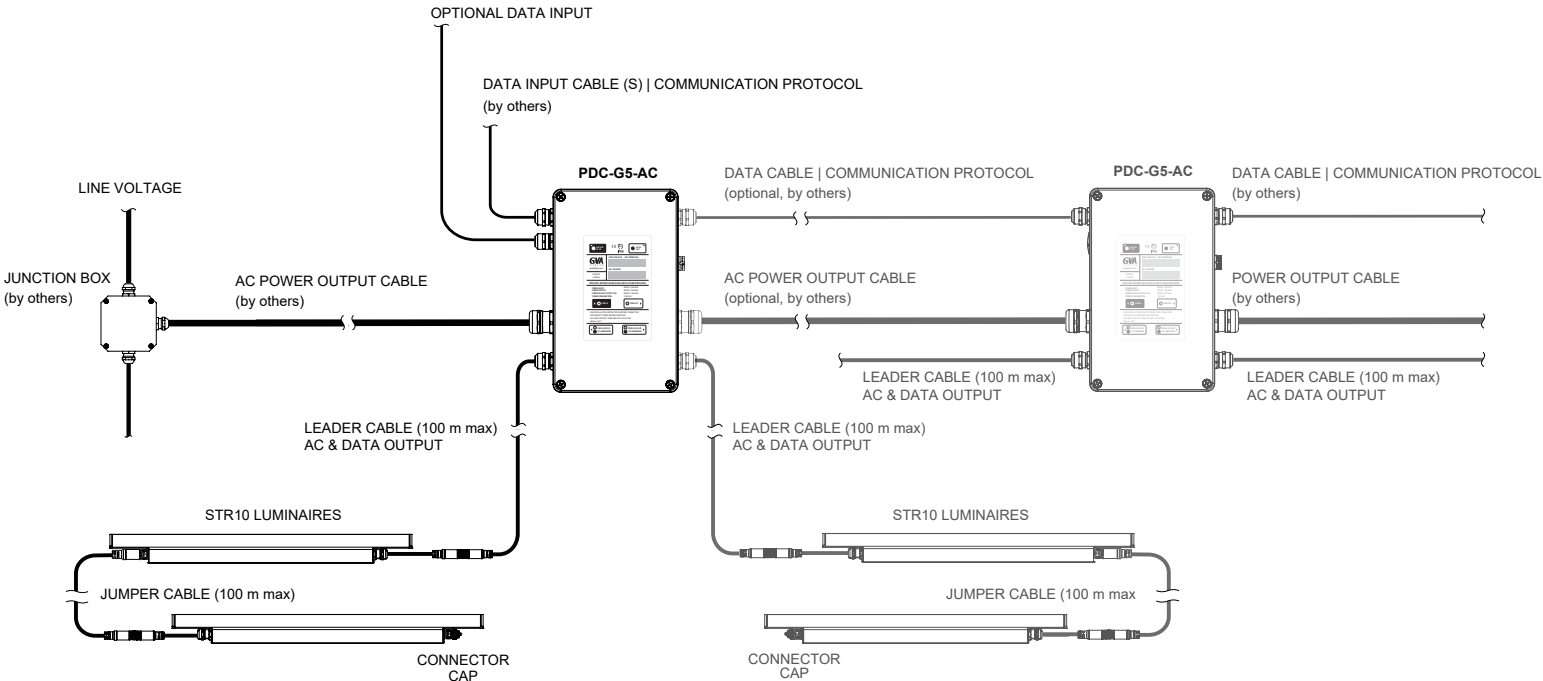
STR10™ MONO



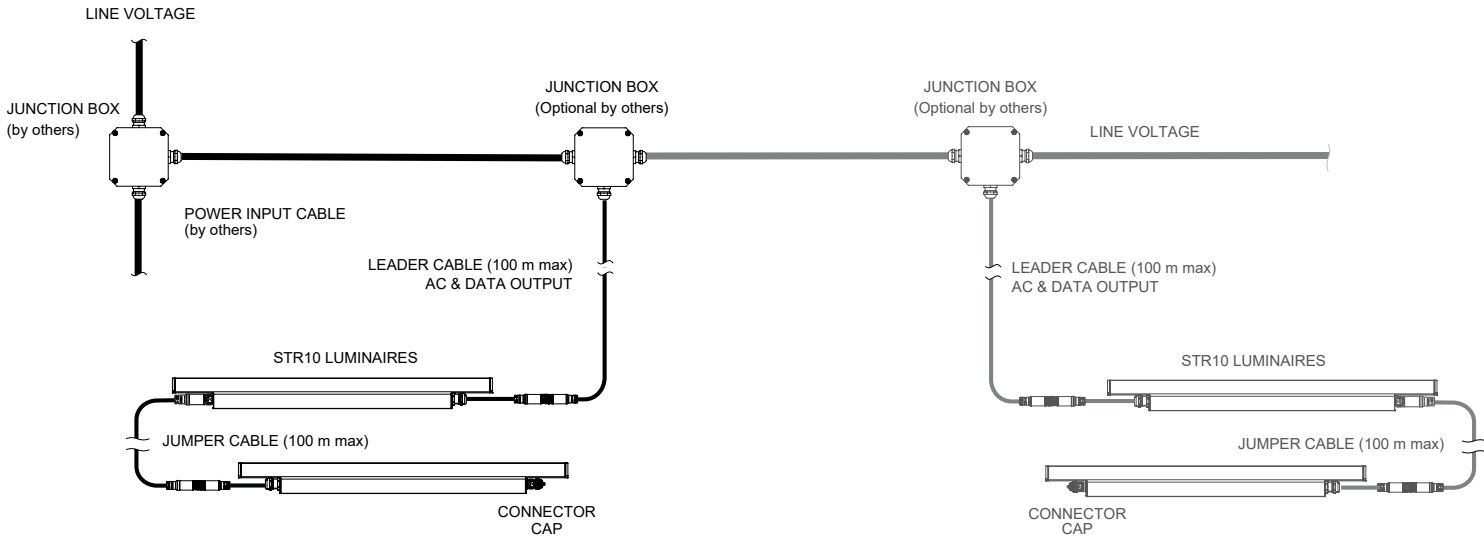
STR10™ SERIES | Linear Wall Washing & Grazing LED Lighting System

PRODUCT SPECIFICATION SHEET

TYPICAL SYSTEM DIAGRAM: AC (WITH CONTROL)^{1,2}



TYPICAL SYSTEM DIAGRAM: AC (WITHOUT CONTROL)^{1,2}



1. Maximum Leader and Jumper cables lengths may vary based on your specific application needs. For precise specifications, please consult with the factory.
2. Product illustrations are for representation only and may not reflect actual size