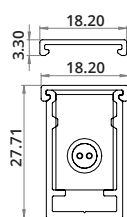
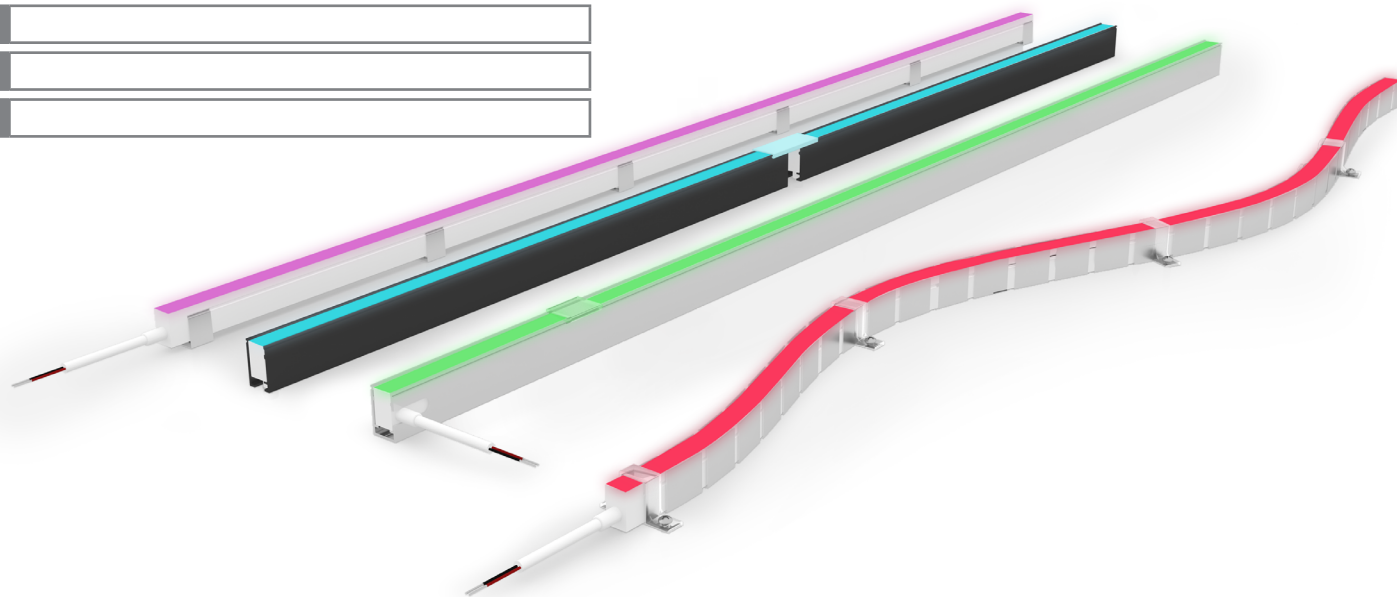
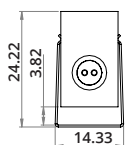


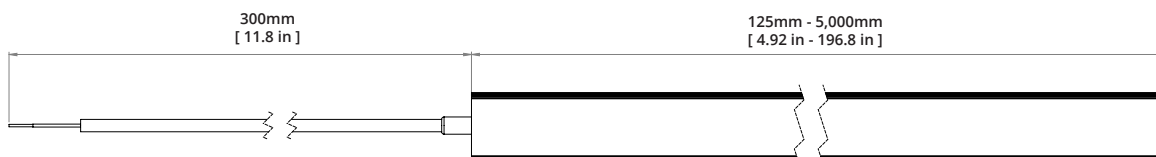
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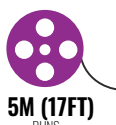
FIXED PROFILE



MOUNTING CLIP



240MM
HORIZONTAL BENDING DIAMETER



5M (17FT)
RUNS



FEATURES

Physical

HL-ART-1220-RGBW is a specification-grade, direct-view, fixed or flexible LED system for outdoor and indoor architectural delineation and special lighting effects. Featuring GVA factory engineered aluminum profiles and mounting options, installable with a maximum horizontal bend radius of 120mm / 4.72" with applicable profile selection.

Electronics are encapsulated by a high-quality Dow silicone, using a fully automated co-extrusion technology.

IP67 protection, superior heat management and resistance from chemicals and UV.

Optics & Electronics

Constant current integrated circuit design ensures uniform light intensity along the entire length of luminaire.

Fully controllable with specified DMX control protocols.

Customization

Front, back, and side cable entry options available for different install options. Endless fixture length configurations allow for the ultimate freedom of design.

Cut lengths and terminations are done at GVA factory to ensure IP rating, reliability and to maintain a sleek luminaire form factor by avoiding bulky DIY end caps.

Life Cycle

Long lifetime expectancy of L70B10 > 30,000 hours with Three-year limited warranty

SPECIFICATION LOGIC: HL-ART-1220-RGBW

FAMILY	POWER W/FT	NOMINAL LENGTH ¹	CCT ²	INPUT VOLTAGE	CABLE ENTRY	IP RATING
HL-ART-1220-RGBW	4.6W/FT	Min length - 125mm Maximum length - 5000mm Increments available - 62.5mm	RGBW27 RGBW40 RGBW50	24VDC	FF - Front + Front SS - Side + Side BB - Bottom + Bottom FX - Front + Closed SX - Side + Closed BX - Bottom + Closed	IP67

Order example: HL-ART-1220-RGBW-4.6W/FT-3000MM-RGBW40-24VDC-FF-IP67

PRODUCT CONFIGURATION

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1. Standard unit of length is in millimeters. Lengths in inches and feet is calculated from millimeters.

2. Due to tolerances of LED binning and production processes, CCT values can vary up to +5%.

Field alterations will void factory warranty

PRODUCT SPECIFICATIONS

		Standard
Electrical	Power Consumption ¹	15W/m (4.6W/ft)
	Voltage	24VDC (23.5Vmin, 24.5Vmax)
Physical	Minimum Length	125mm
	Height x Width	12mm x 20mm / 0.47" x 0.79" (W x H)
	Body Finish	Premium Dow silicone encapsulation, white
	Bend Direction	Horizontal
	Bend Radius	120mm / 4.72"
	Cable Entry Options	Front, Side, Bottom
Optical	Fixture Connections	IP67 injection-moulded input and output connectors
	Light Source	5050 LEDs, RGBW
	Control Protocol	DMX512
	Lumen Output	74
	Efficacy	31.5
	Projected Lumen Maintenance	L80 30,000 hours
Temperature Range	Storage Temperature	-25°C /-13°Fmin, 60°C /140°Fmax
	Max Ambient Temperature	35°C /95°F
	Min Ambient Temperature	-25°C /-13°F





1. Due to tolerances of the electronic components, light output and electrical power can vary up to 10%.

HL-ART-1220-RGBW

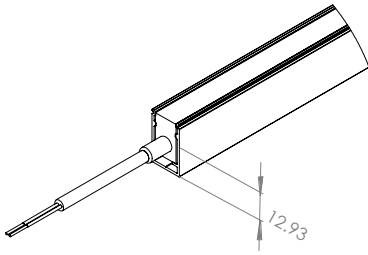
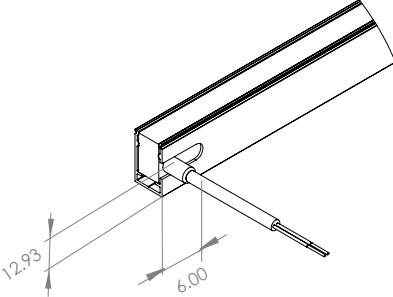
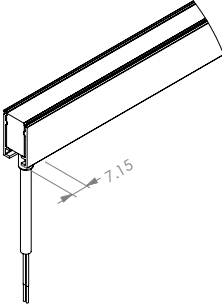


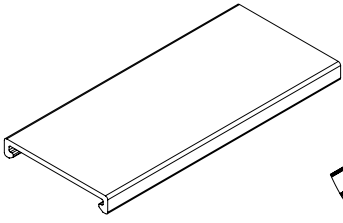
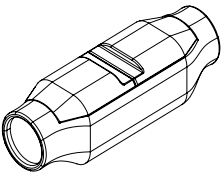
Specification-Grade, Direct-View, Color-Changing LED System for Architectural Delineation

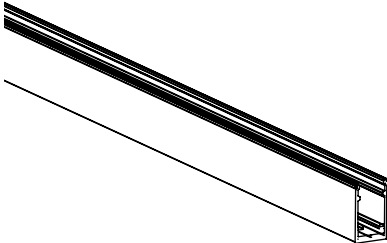

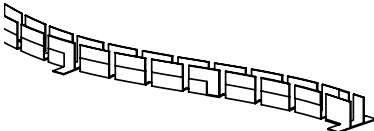

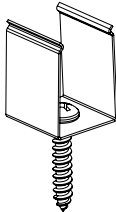

PRODUCT SPECIFICATION SHEET

Certification & Safety	IES Classifications	Classification (III)
		RoHs, CE, REACH, UL, IK08, IP67
	Certifications	   
	Environment	Dry, damp or wet locations, 0-100% humidity

MAXIMUM RUN LENGTHS		
HL-ART-1220-RGBW		Standard
	Power	15W/m (4.6W/ft)
	Max Length	5m/17ft

CABLE ENTRY OPTION EXAMPLES		
F - FRONT	S - SIDE	B - BOTTOM
		

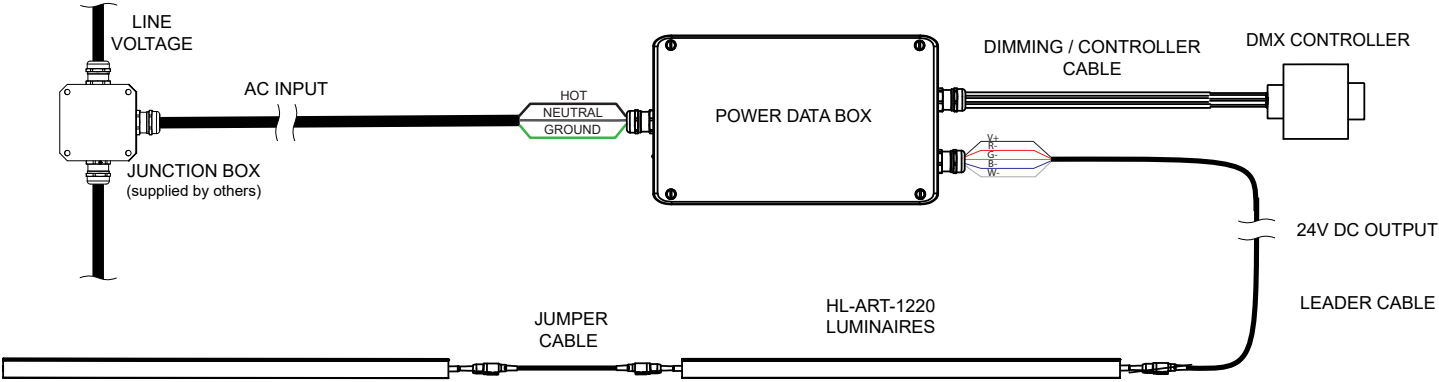
ACCESSORIES		
	PART NUMBER	DETAILS
	243202	HL-ART, JOINER CAP, PMMA, TRANSLUCENT WHITE
		
	232219	HL-ART, CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG232219 - CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG

PROFILES AND MOUNTING OPTIONS			
FIXED ALUMINUM CLEAR/BLACK MATTE			
	PART NUMBER		DETAILS
	1220-FPCM-	*MM	FPCM - Fixed Aluminum Profile Clear Matte
	1220-FPBM-	*MM	FPBM - Fixed Aluminum Profile Black Matte
			
BENDABLE PROFILE			
	PART NUMBER		DETAILS
	1220-BP-	*MM	BP - Bendable Profile
			
	MOUNTING CLIPS¹		
	PART NUMBER		DETAILS
	1220-MC-	*MM	MC - Mounting Clips
			
	1. Screw not included		

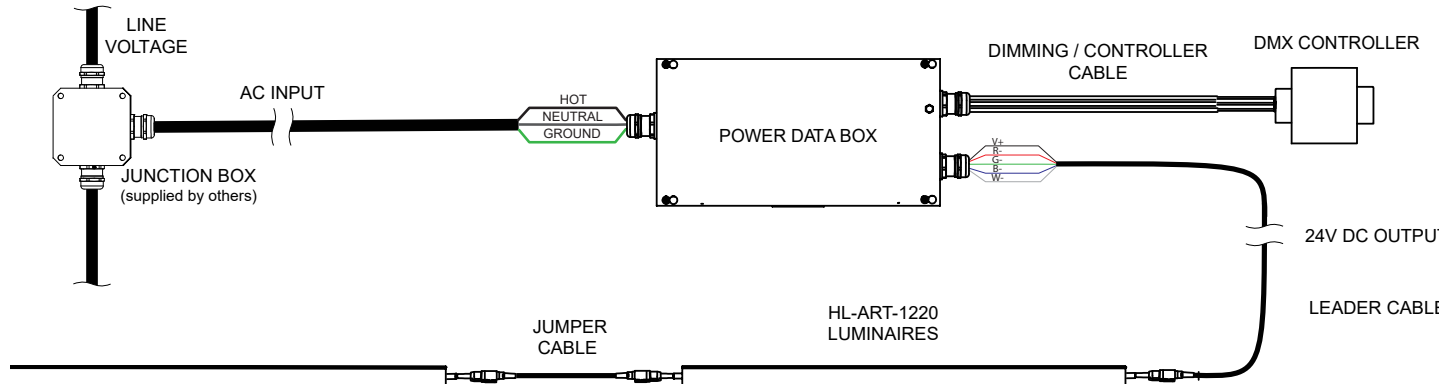
* Insert length of profile selection in millimeters to match luminaire length

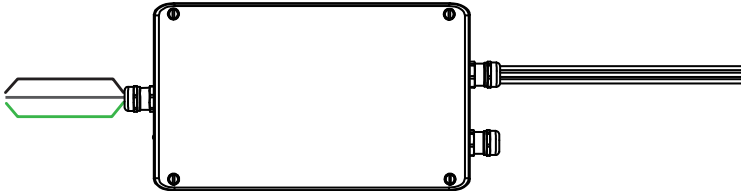
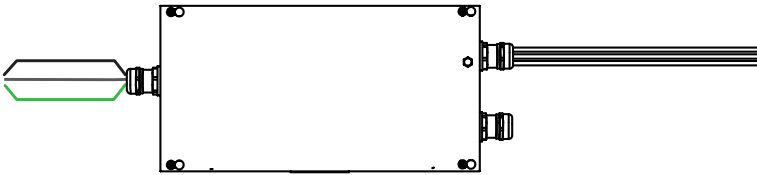
WIRING DIAGRAM | DIMMING

HL-ART-1220-RGBW, TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP66 | OUTDOORS



HL-ART-1220-RGBW, TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP30 | INDOORS



DRIVERS AND CONTROLS		
IP66 DMX-4CH-PWM OUTDOOR		
	PART NUMBER	DETAILS
	G20519	POWER-DATA-BOX, PDB-ELV24-96W-DMX-4CH-PWM-120~277VAC-IP66
IP30 DMX-4CH-PWM INDOORS		
	PART NUMBER	DETAILS
	G20518	POWER-DATA-BOX, PDB-ELV24-96W-DMX-4CH-PWM-120~277VAC-IP30