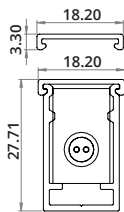
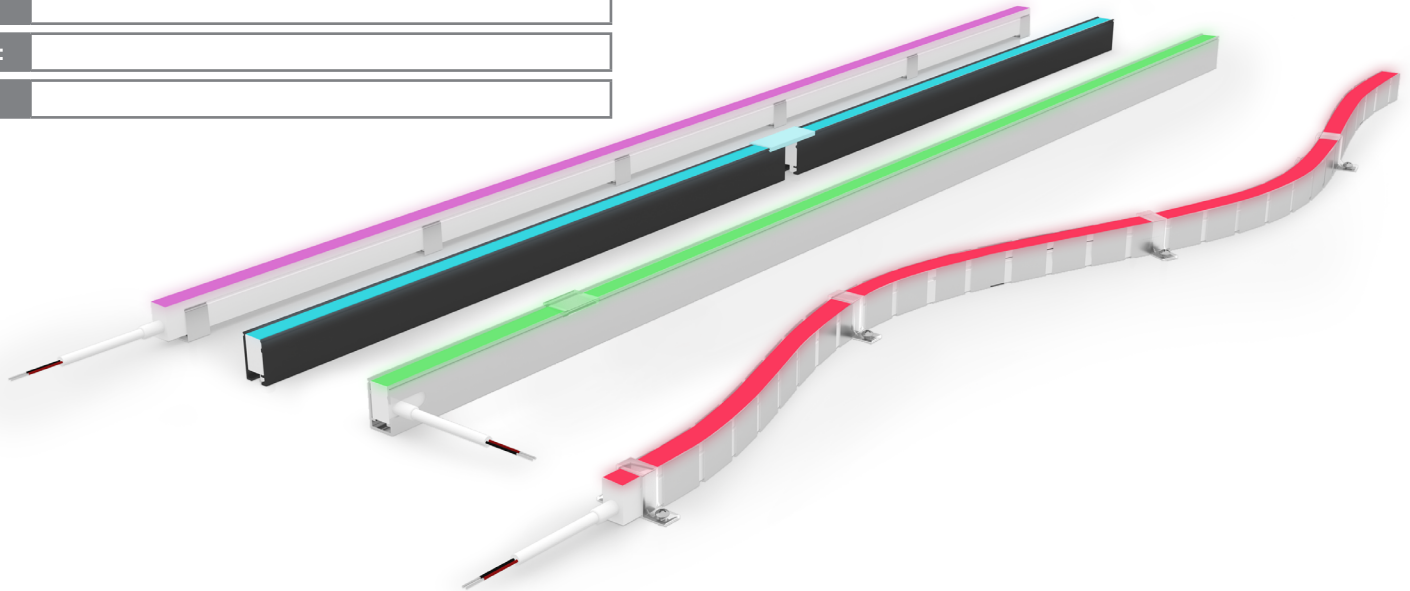
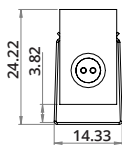


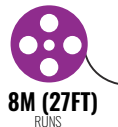
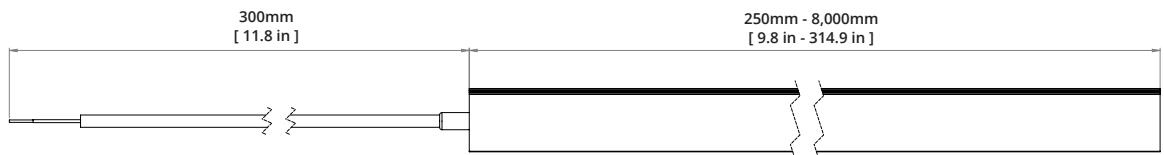
DATE:	
TYPE:	
COMPANY:	
PROJECT:	



FIXED PROFILE



MOUNTING CLIP



## FEATURES

### Physical

**HL-ART-1220-RGB** 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 uniformed 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-RGB

FAMILY	POWER W/FT	NOMINAL LENGTH <sup>1</sup>	CCT <sup>2</sup>	INPUT VOLTAGE	CABLE ENTRY	IP RATING
HL-ART-1220-RGB	3.4W/FT	Min length - <b>250mm</b> Maximum length - <b>8000mm</b> Increments available - <b>125mm</b>	RGB	24VDC	<b>FF</b> - Front + Front <b>SS</b> - Side + Side <b>BB</b> - Bottom + Bottom <b>FX</b> - Front + Closed <b>SX</b> - Side + Closed <b>BX</b> - Bottom + Closed	<b>IP67</b>

Order example: HL-ART-1220-RGB-3.4W/FT-3125MM-RGB-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 <sup>1</sup>	11W/m (3.4W/ft)
	Voltage	24VDC (23.5Vmin, 24.5Vmax)
Physical	Minimum Length	250mm
	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
	Fixture Connections	IP67 injection-moulded input and output connectors
Optical	Light Source	4040 LEDs, RGB
	Control Protocol	DMX512
	Lumen Output	61
	Efficacy	18.2
	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-RGB

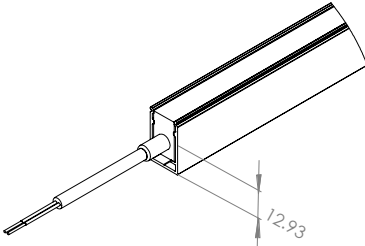
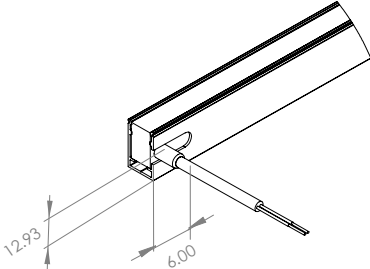
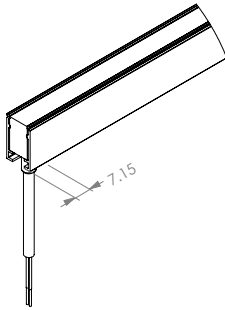


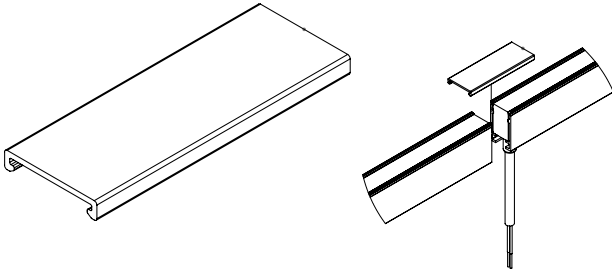
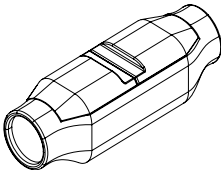
Specification-Grade, Direct-View, Fixed or Flexible LED System for Architectural Delineation

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

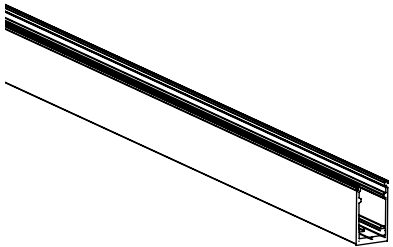

MAXIMUM RUN LENGTHS		
HL-ART-1220-RGB		Standard
	Power	11W/m (3.4W/ft)
	Max Length	8m/27ft

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

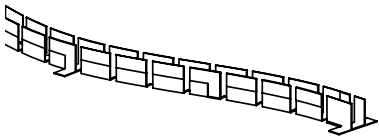

ACCESSORIES		
	PART NUMBER	DETAILS
	243202	HL-ART, JOINER CAP, PMMA, TRANSLUCENT WHITE
	232219	HL-ART, CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG232219 - CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG

## PROFILES AND MOUNTING OPTIONS

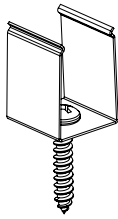
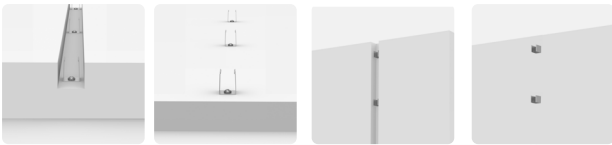
### FIXED ALUMINUM CLEAR/BLACK MATTE

	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 CLIPS<sup>1</sup>

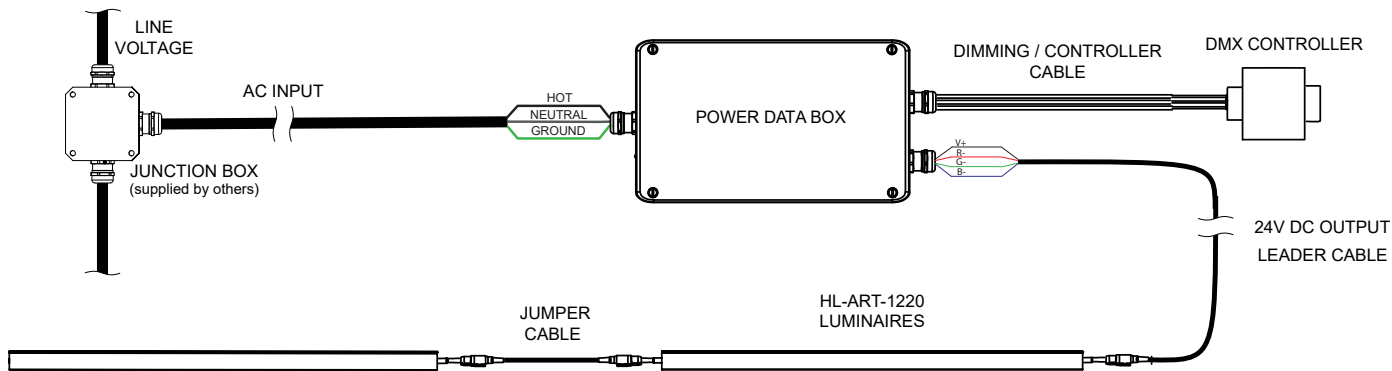
	PART NUMBER	DETAILS
	1220-MC- *MM	MC - Mounting Clips
		

1. Screw not included

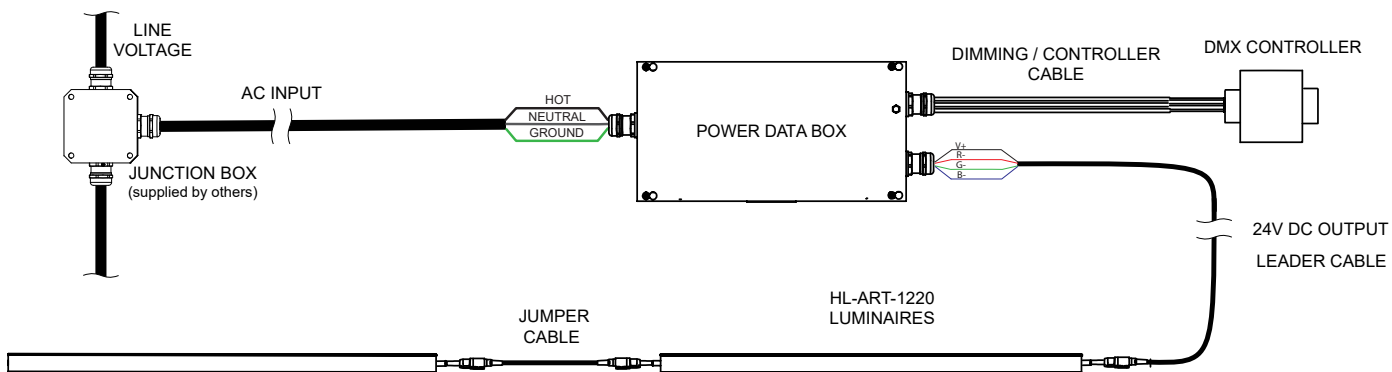
\* Insert length of profile selection in millimeters to match luminaire length

WIRING DIAGRAM | DIMMING

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

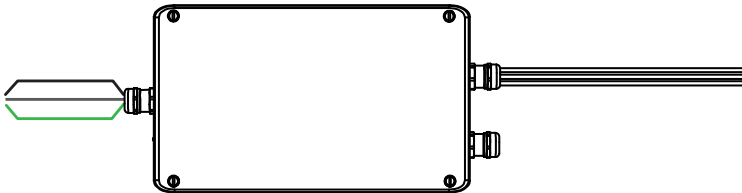


HL-ART-1220-RGB, TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP30 | INDOORS



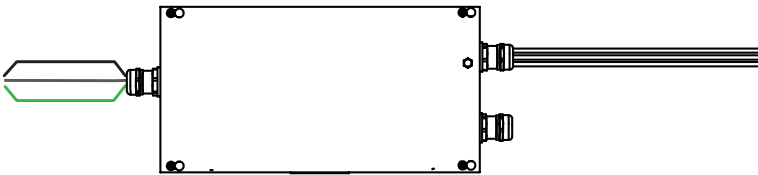
DRIVERS AND CONTROLS

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