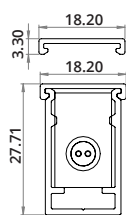
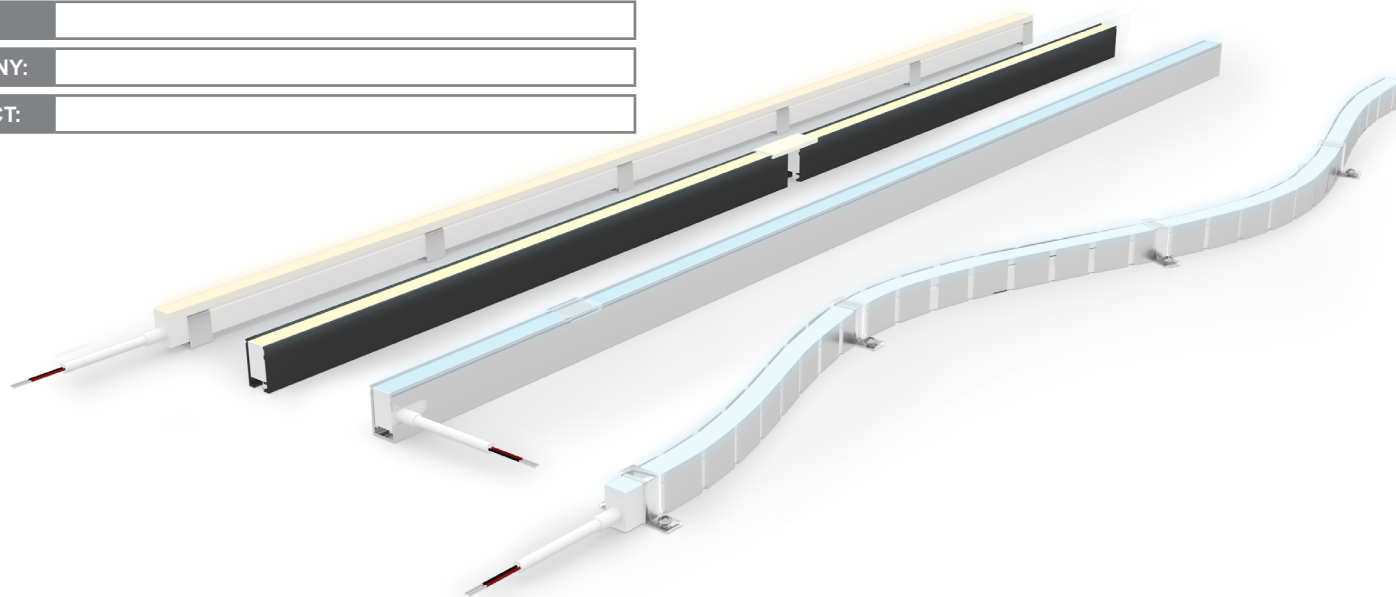
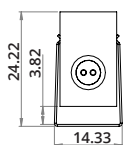


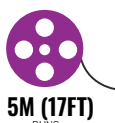
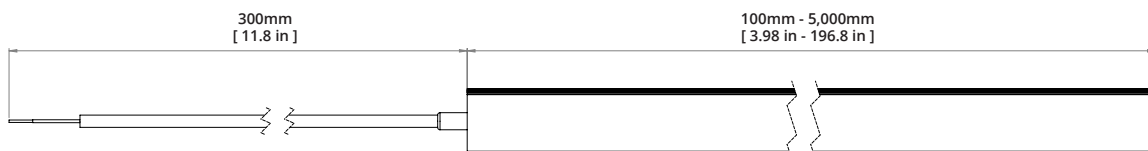
DATE:	
TYPE:	
COMPANY:	
PROJECT:	



FIXED PROFILE



MOUNTING CLIP



## FEATURES

### Physical

**HL-ART-1220-DWT** 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

A premium selection of LEDs is used with 3-step micro-binning and CRI 80+ guaranteeing consistency and high quality of light.

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 > 54,000 hours with five-year limited warranty

## SPECIFICATION LOGIC: HL-ART-1220-DWT

FAMILY	POWER W/FT	NOMINAL LENGTH <sup>1</sup>	CCT <sup>2</sup>	INPUT VOLTAGE	CABLE ENTRY	IP RATING
HL-ART-1220-DWT	4.6W/FT	Min length - <b>100mm</b> Maximum length - <b>5000mm</b> Increments available - <b>50mm</b>	DWT-2700K+5300K	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	IP67

Order example: HL-ART-1220-DWT-4.6W/FT-3150MM-DWT-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>	15W/m (4.6/ft)
	Voltage	24VDC (23.5Vmin, 24.5Vmax)
Physical	Minimum Length	100mm
	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	3014 LEDs, 3-step micro binning
	Control Protocol	DMX512
	Lumen Output @ 2700+5300K(lm/ft)	159
	Efficacy @ 5300K(lm/W)	36
	Projected Lumen Maintenance	L70B10 > 54,000 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

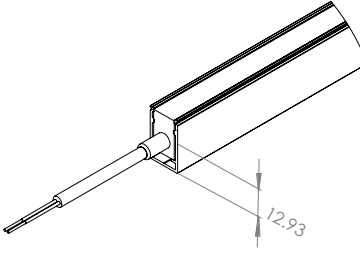
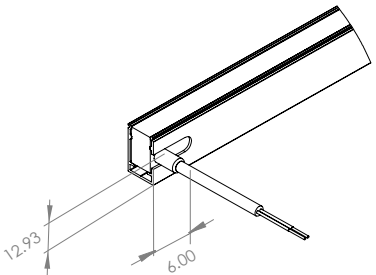
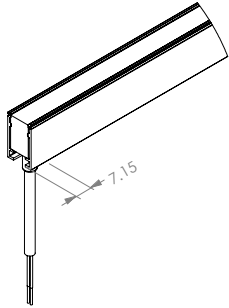
1. Due to tolerances of the electronic components, light output and electrical power can vary up to 10%.

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

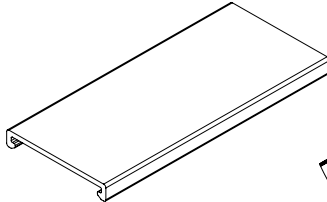
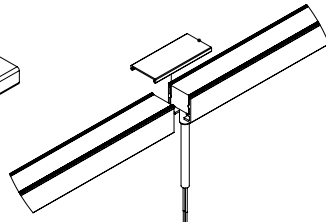
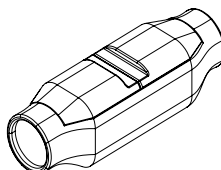
## MAXIMUM RUN LENGTHS

HL-ART-1220-DWT		Standard
	Power	15W/m (4.6W/ft)
	Max Length	5m/17ft

## CABLE ENTRY OPTION EXAMPLES

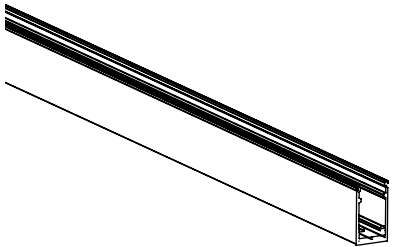

F - FRONT	S - SIDE	B - BOTTOM
		

## ACCESSORIES

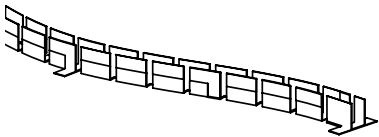

	PART NUMBER	DETAILS
 	243202	HL-ART, JOINER CAP, PMMA, TRANSLUCENT WHITE
	232219	HL-ART, CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG 232219 - CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG

## PROFILES AND MOUNTING OPTIONS

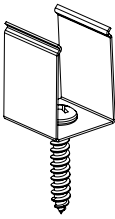
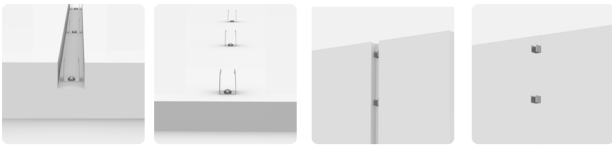
### FIXED ALUMINUM CLEAR/BLACK MATTE

	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
		

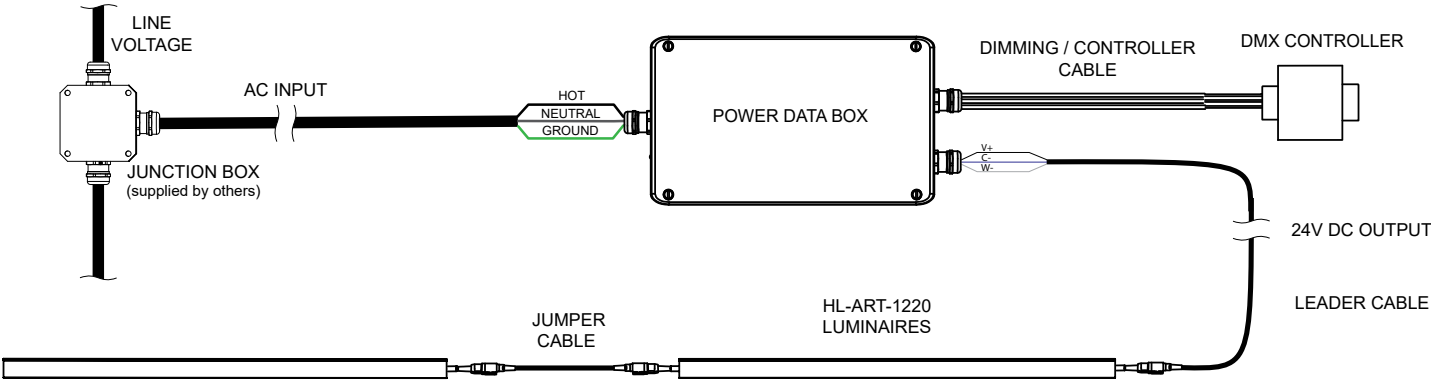
### MOUNTING CLIPS<sup>1</sup>

	PART NUMBER	DETAILS
	1220-MC- *MM	MC - Mounting Clips
	 <p>1. Screw not included</p>	

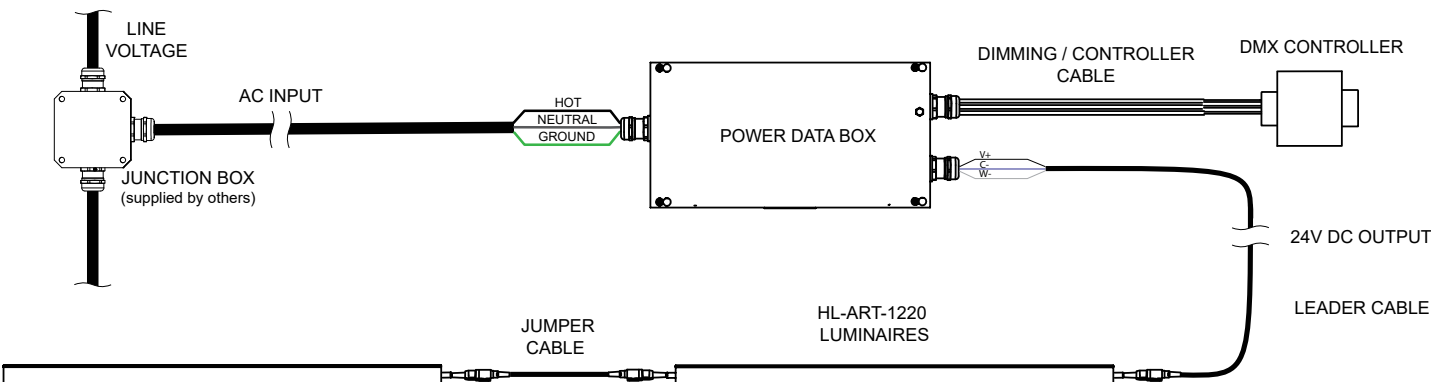
\* Insert length of profile selection in millimeters to match luminaire length

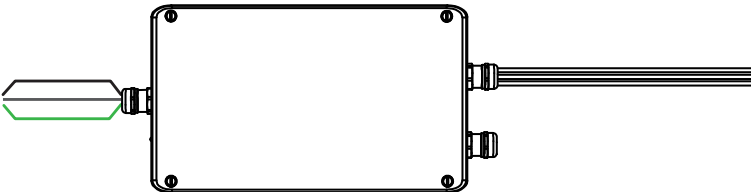
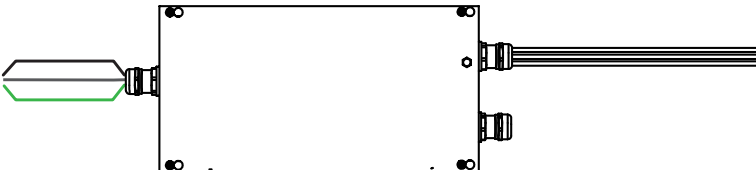
WIRING DIAGRAM | DIMMING

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



HL-ART-1220-DWT, 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