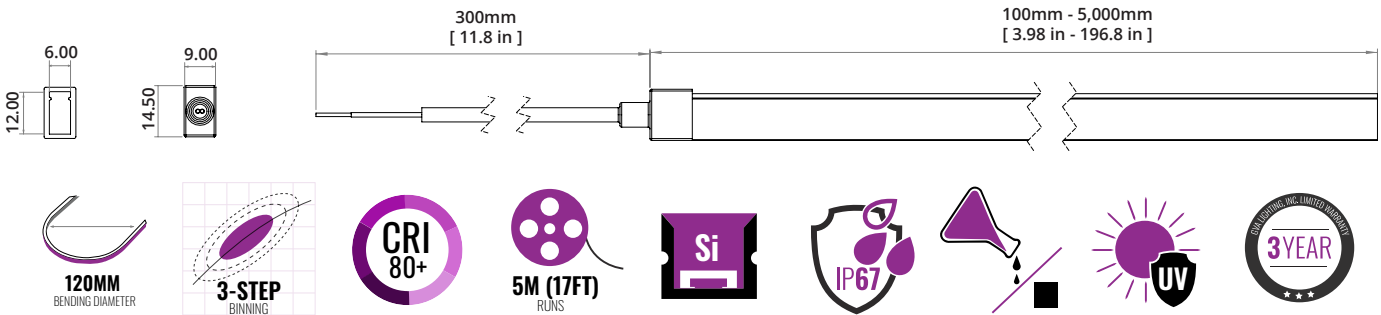
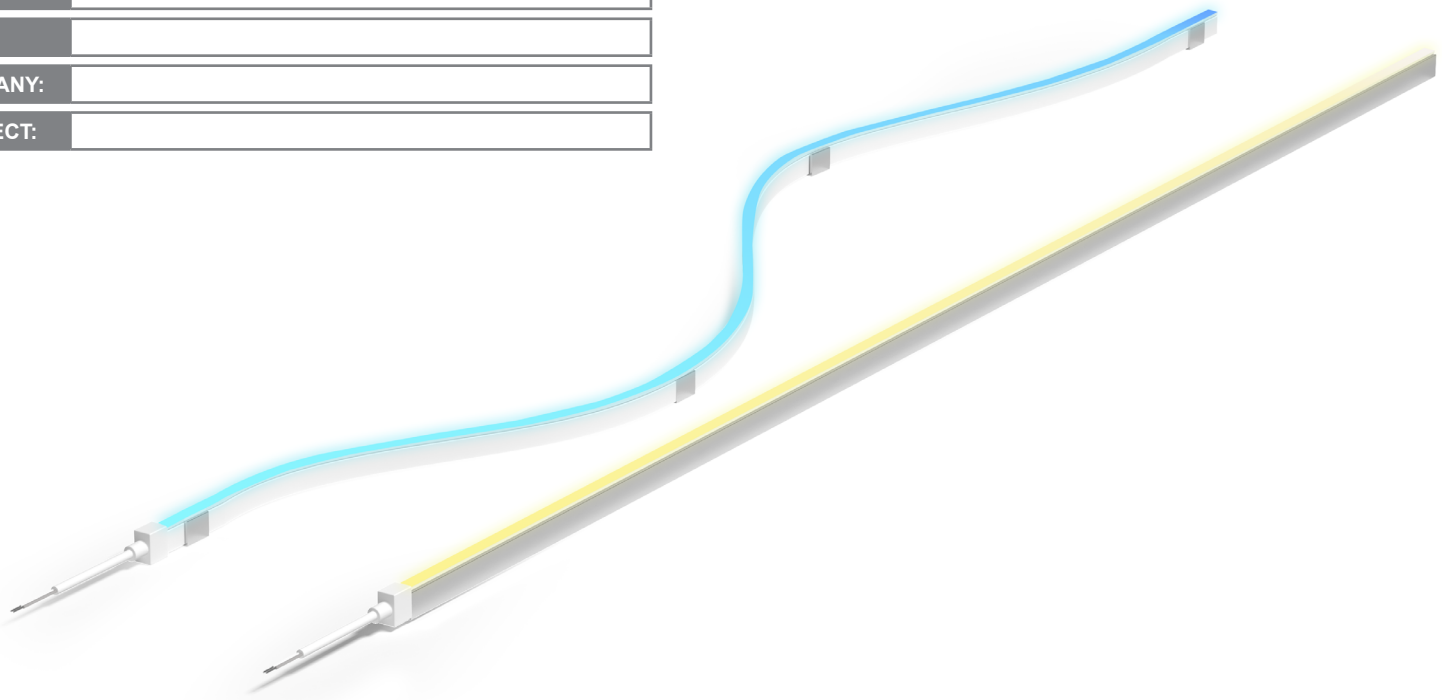


# HL-ART-0612-DWT

Specification-Grade, Direct-View, Monochromatic LED System for Architectural Delineation

PRODUCT SPECIFICATION SHEET

DATE:	
TYPE:	
COMPANY:	
PROJECT:	



## FEATURES

### Physical

**HL-ART-0612-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 60mm / 2.36" 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 uniform light intensity along the entire length of luminaire. Fully controllable with specified DMX control protocols.

### Customization

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

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PRODUCT SPECIFICATION SHEET

## SPECIFICATION LOGIC: HL-ART-0612-DWT

FAMILY	POWER W/FT	NOMINAL LENGTH <sup>1,2</sup>	CCT <sup>3</sup>	INPUT VOLTAGE	CABLE ENTRY	IP RATING
HL-ART-0612-DWT	3.1W/FT	Min length - <b>100mm</b> Maximum length - <b>5,000mm</b> Increments available - <b>50mm</b>	<b>2700K</b> <b>3000K</b> <b>3500K</b> <b>4000K</b> <b>5000K</b>	<b>24VDC</b>	<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-0612-DWT-3.1W/FT-3150MM-3000K-24VDC-FF-IP67

## PRODUCT CONFIGURATION

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

2. See Maximum run lengths table on page 3

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

Field alterations will void factory warranty

## PRODUCT SPECIFICATIONS

		3.1W/ft
Electrical	Power Consumption <sup>1</sup>	10W/m (3.1W/ft)
	Voltage	24VDC (23.5Vmin, 24.5Vmax)
	Minimum Length	100mm
Physical	Height x Width	06mm x 06mm / 0.24" x 0.24" (W x H)
	Body Finish	Premium Silicone Encapsulation, white
	Bend Direction	Horizontal
	Bend Radius	60mm / 2.36"
	Cable Entry Options	Front, Side, Bottom
	Fixture Connections	IP67
Optical	Light Source	3014 LEDS, 3-step micro binning
	CRI	80+
	Control Protocol	DMX512
	Lumen Output @ 3000K(lm/ft)	152
	Efficacy @ 3000K(lm/W)	51
Projected Lumen Maintenance	L70B10 > 54,000 hours	

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

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PRODUCT SPECIFICATION SHEET

Temperature Range	Storage Temperature	-25°C / -13°C to 60°F / 140°F
	Max Ambient Temperature	45°C / 113°F
	Min Ambient Temperature	-25°C / -13°F
Certification & Safety	IES Classifications	Classification (III)
	Certifications	RoHs, CE, REACH,UL, IP67 
	Environment	Dry, damp or wet locations, 0-100% humidity

## MAXIMUM RUN LENGTHS

HL-ART-0408-WHT		Standard
	Power	10W/m (3.1W/ft)
	Max Length	5m/17ft

## CABLE ENTRY OPTION EXAMPLES

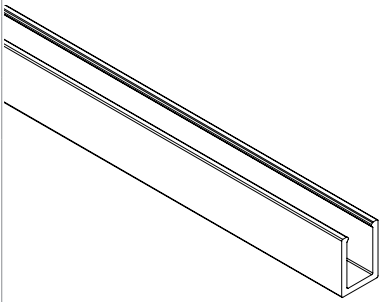
F - FRONT	S - SIDE	B - BOTTOM

## ACCESSORIES

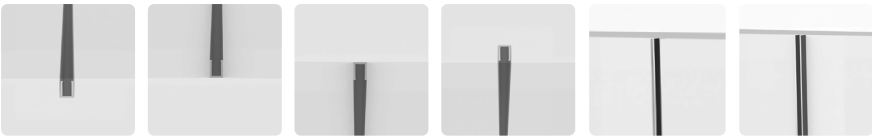
	<b>232219</b>	<b>HL-ART, CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG</b> <b>232219 - CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG</b>
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## PROFILES AND MOUNTING OPTIONS

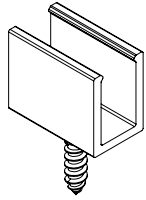
### FIXED PROFILE




PART NUMBER		DETAILS
<b>0612-FPCM-</b>	*MM	<b>FP</b> - Fixed Profile Clear Matte
<b>0612-FPBM-</b>	*MM	<b>FP</b> - Fixed Profile Black Matte



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



PART NUMBER		DETAILS
<b>0612-MCCM-</b>	*MM	<b>MCCM</b> - Mounting Clips Clear Matte
<b>0612-MCBM-</b>	*MM	<b>MCBM</b> - Mounting Clips Black Matte

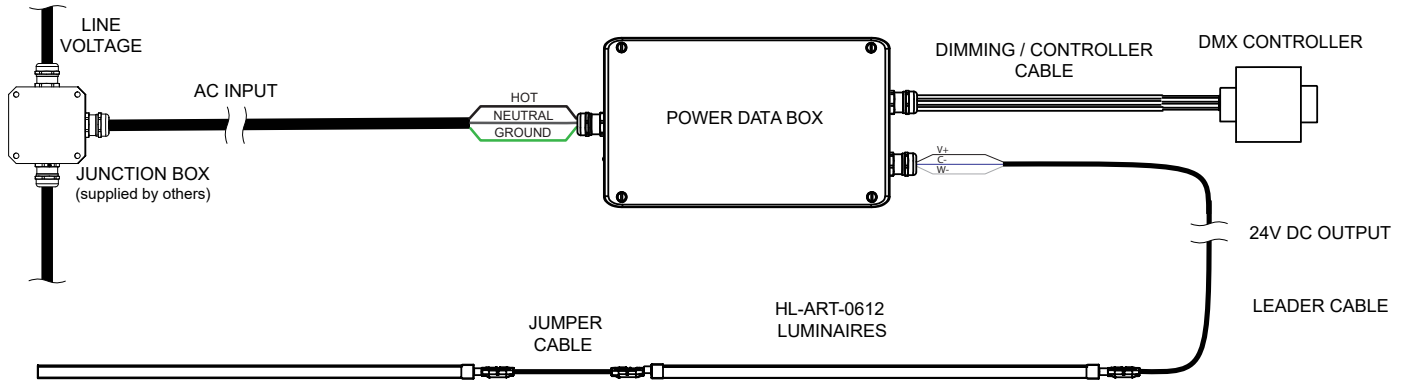


1. Screw not included

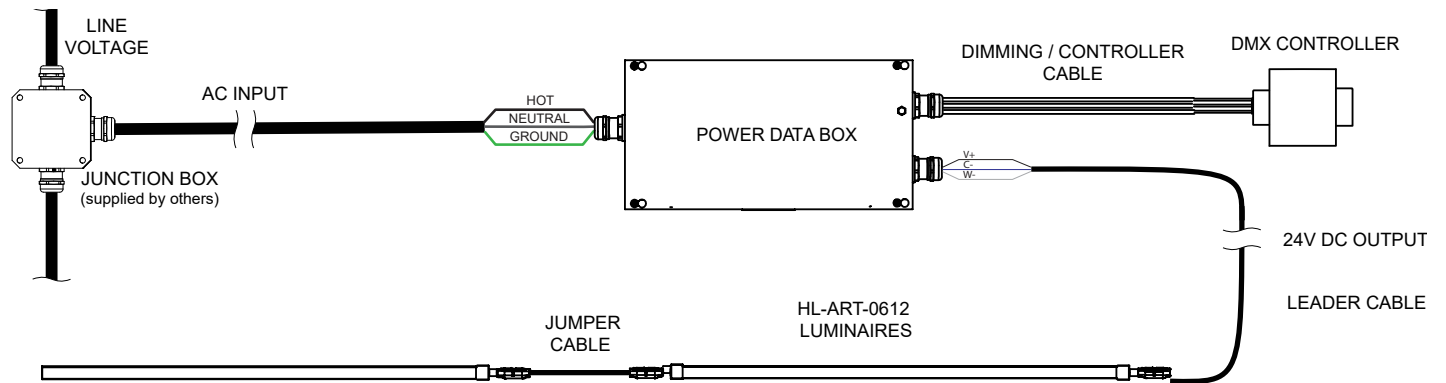
\* Insert length of profile selection in millimeters to match luminaire length

## WIRING DIAGRAM | DIMMING

### HL-ART-0612-DWT, TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP66 | OUTDOORS



### HL-ART-0612-DWT, TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP30 | INDOORS



DRIVERS AND CONTROLS						
IP66   DMX-4CH-PWM   OUTDOOR						
	<table border="1"> <thead> <tr> <th>PART NUMBER</th> <th>DETAILS</th> </tr> </thead> <tbody> <tr> <td>G20519</td> <td>POWER-DATA-BOX, PDB-ELV24-96W-DMX-4CH-PWM-120~277VAC-IP66</td> </tr> </tbody> </table>	PART NUMBER	DETAILS	G20519	POWER-DATA-BOX, PDB-ELV24-96W-DMX-4CH-PWM-120~277VAC-IP66	
PART NUMBER	DETAILS					
G20519	POWER-DATA-BOX, PDB-ELV24-96W-DMX-4CH-PWM-120~277VAC-IP66					
IP30   DMX-4CH-PWM   INDOORS						
	<table border="1"> <thead> <tr> <th>PART NUMBER</th> <th>DETAILS</th> </tr> </thead> <tbody> <tr> <td>G20518</td> <td>POWER-DATA-BOX, PDB-ELV24-96W-DMX-4CH-PWM-120~277VAC-IP30</td> </tr> </tbody> </table>	PART NUMBER	DETAILS	G20518	POWER-DATA-BOX, PDB-ELV24-96W-DMX-4CH-PWM-120~277VAC-IP30	
PART NUMBER	DETAILS					
G20518	POWER-DATA-BOX, PDB-ELV24-96W-DMX-4CH-PWM-120~277VAC-IP30					