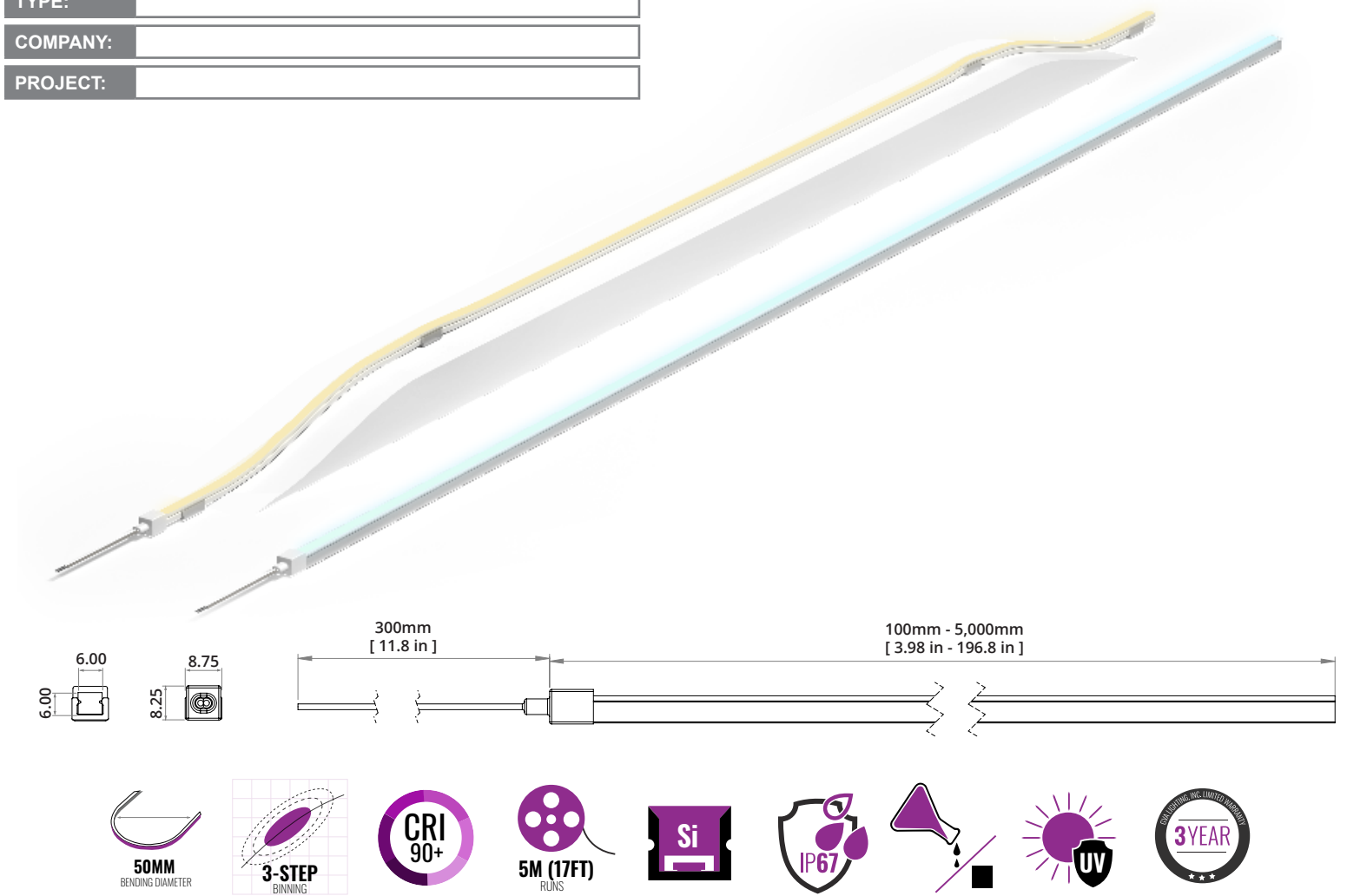


DATE:

TYPE:

COMPANY:

PROJECT:



FEATURES

Physical

HL-ART-0606-WHT 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 vertical bend radius of 25mm / 0.98" 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 90+ guaranteeing consistency and high quality of light. Constant current integrated circuit design ensures uniformed light intensity along the entire length of luminaire. Fully dimmable with specified LED drivers, supporting 0-10V and DALI dimming 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 L70B80 > 5,000 hours with three-year limited warranty

SPECIFICATION LOGIC: HL-ART-0606-WHT						
FAMILY	POWER W/FT	NOMINAL LENGTH ^{1,2}	CCT ³	INPUT VOLTAGE	CABLE ENTRY	IP RATING
HL-ART-0606-WHT	1.8W/FT(6W/M)	Min length - 100mm Maximum length - 5,000mm Increments available - 50mm	2700K 3000K 3500K 4000K 5000K	24VDC	FF - Front + Front SS - Side + Side BB - Bottom + Bottom FX - Front + Closed SX - Side + Closed BX - Bottom + Closed	IP67

Order example: HL-ART-0606-WHT-1.8W/FT-3150MM-3000K-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. 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		
Electrical		1.8W/ft
	Power Consumption ¹	6W/m (1.8W/ft)
	Voltage	24VDC (23.5Vmin, 24.5Vmax)
Physical	Minimum Length	100mm
	Height x Width	06mm x 06mm / 0.24" x 0.24" (W x H)
	Body Finish	Premium Silicone Encapsulation, white
	Bend Direction	Vertical
	Bend Radius	25mm / 0.98"
	Cable Entry Options	Front, Side, Bottom
	Fixture Connections	IP67
Optical	Light Source	2216 LEDs, 3-step micro binning
	CRI	90+
	Control Protocol	DALI or 0-10V dimmable
	Lumen Output @ 3000K(lm/ft)	101
	Efficacy @ 3000K(lm/W)	62
	Projected Lumen Maintenance	L70B80 >5,000 hours
	Surface Brightness (cd/m²)	5831.7





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

HL-ART-0606-WHT



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

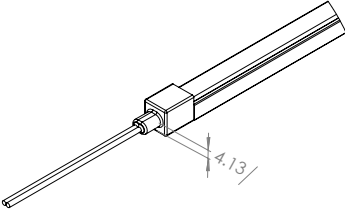
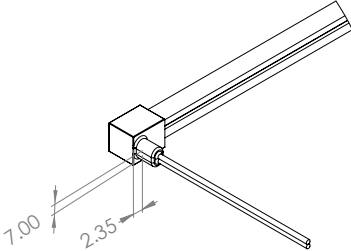
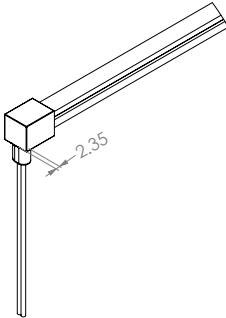
PRODUCT SPECIFICATION SHEET

Temperature Range	Storage Temperature	-25°C / -13°C to 55°F / 131°F
	Max Ambient Temperature	45°C / 113°F
	Min Ambient Temperature	-25°C / -13°F
Certification & Safety	IES Classifications	Classification (III)
		RoHs, CE, REACH,UL, IP67
	Certifications	   
	Environment	Dry, damp or wet locations, 0-100% humidity

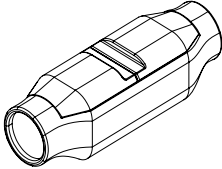
MAXIMUM RUN LENGTHS

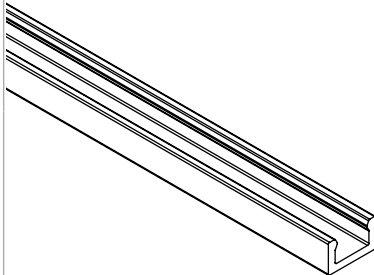
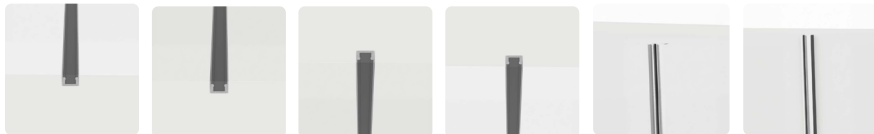
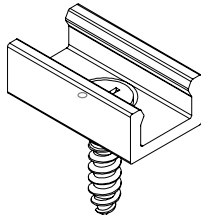

HL-ART-0606-WHT		Standard
	Power	6W/m (1.8W/ft)
	Max Length	5m/17ft

CABLE ENTRY OPTION EXAMPLES

F - FRONT	S - SIDE	B - BOTTOM
		

ACCESSORIES

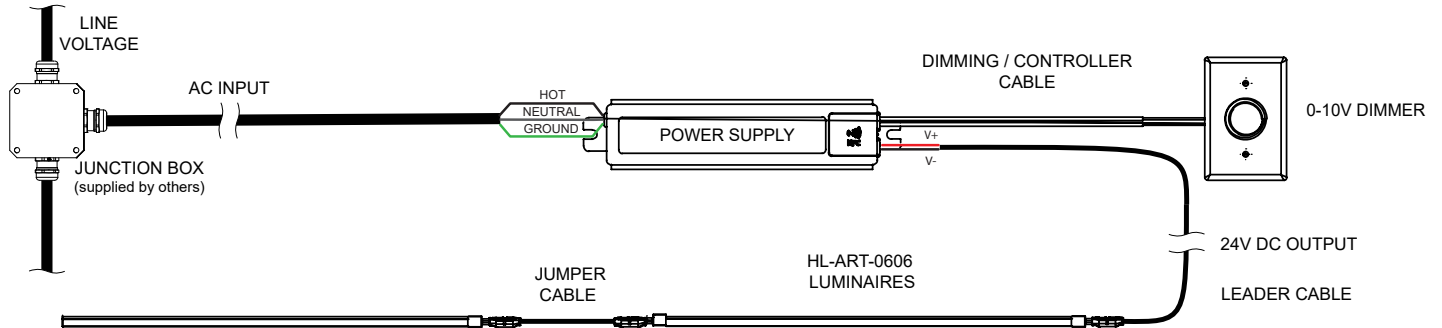
	232219	HL-ART, CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG232219 - CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG
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PROFILES AND MOUNTING OPTIONS		
FIXED PROFILE		
	PART NUMBER	DETAILS
	0606-FPCM- *MM	FPCM - Fixed Profile Clear Matte
	0606-FPBM- *MM	FPBM - Fixed Profile Black Matte
		
MOUNTING CLIPS ¹		
	PART NUMBER	DETAILS
	0606-MCCM- *MM	MCCM - Mounting Clips Clear Matte
	0606-MCBM- *MM	MCBM - Mounting Clips Black Matte
		
1. Screw not included		

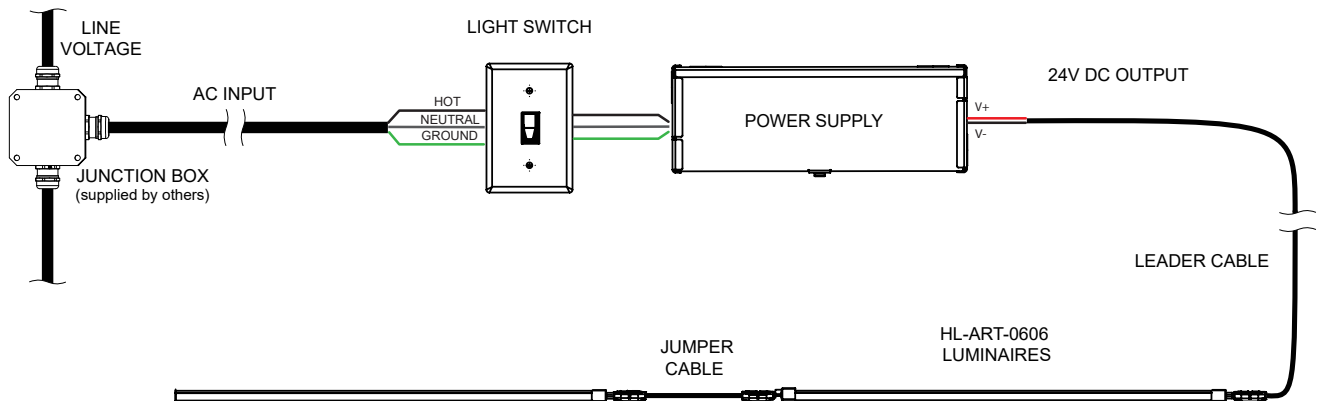
* Insert length of profile selection in millimeters to match luminaire length

WIRING DIAGRAM | NON-DIMMABLE

HL-ART-0606-WHT , TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP66 | OUTDOORS

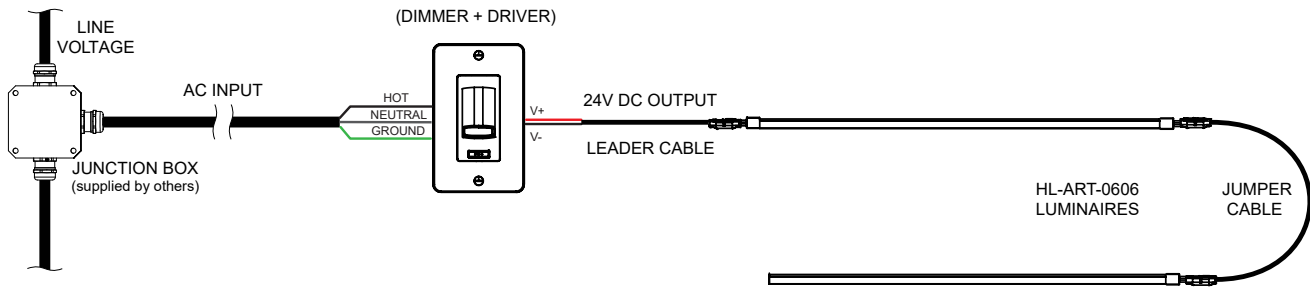


HL-ART-0606-WHT , TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP20 | INDOORS

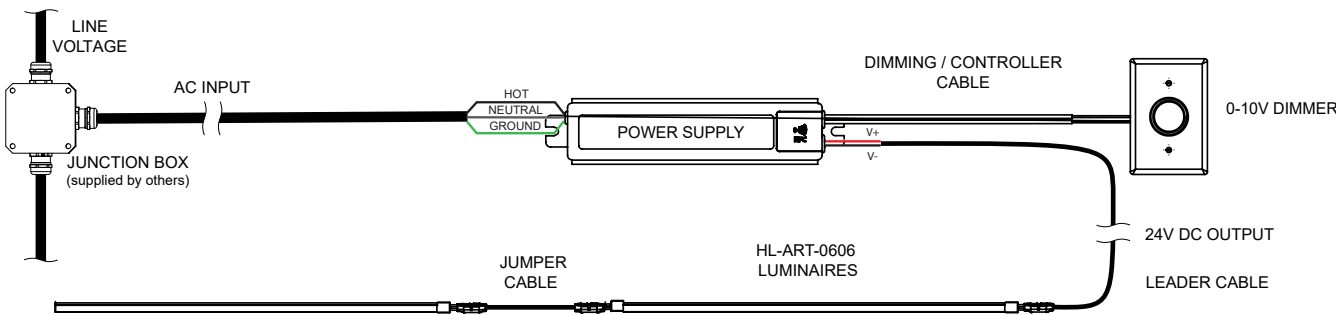


WIRING DIAGRAM | DIMMABLE

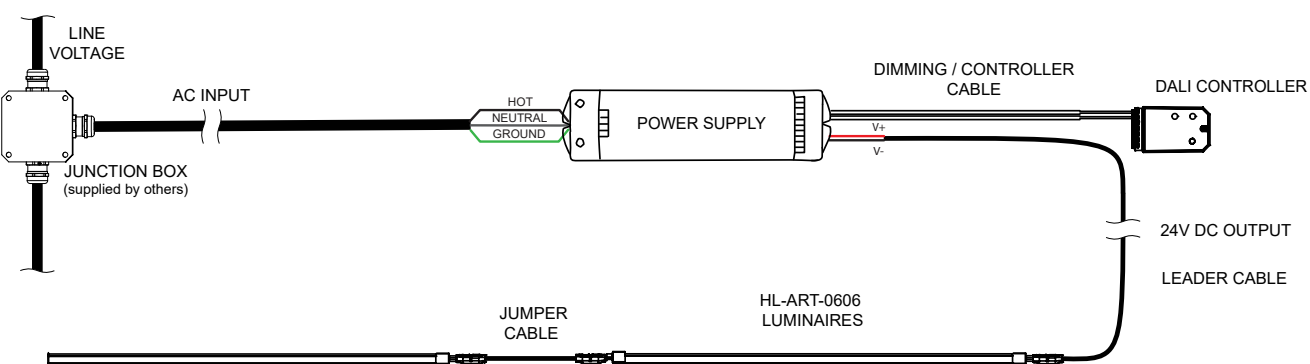
HL-ART-0606-WHT , TYPICAL SYSTEM DIAGRAM, DIMMER + DRIVER POWER SUPPLY | IP20 | INDOORS



HL-ART-0606-WHT , TYPICAL SYSTEM DIAGRAM, 0-10V DIMMING POWER SUPPLY | IP20 | INDOORS

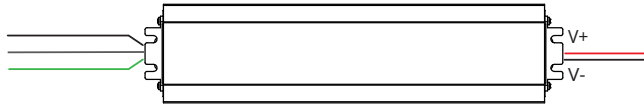


HL-ART-0606-WHT , TYPICAL SYSTEM DIAGRAM, DALI POWER SUPPLY | IP20 | INDOORS



DRIVERS AND CONTROLS

IP66 | NON- DIMMING | OUTDOORS



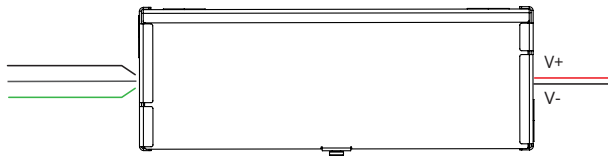
PART NUMBER

210314

DETAILS

LED DRIVER, CV, CLASS 2, NON-DIMMABLE, AC/DC, VGM100W-24, 90W, I/P 120VAC 60HZ, 1 O/P, 24VDC/0~3.75A, ALUMINUM CASE, OUTDOOR, IP66

IP20 | NON- DIMMING | INDOORS



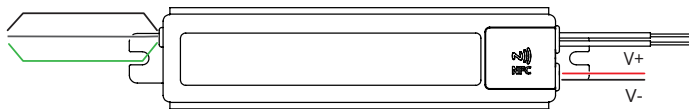
PART NUMBER

210312

DETAILS

LED DRIVER, CV, CLASS 2, NON-DIMMABLE, AC/DC, JVLM100W-24, 96W, I/P 120 & 277VAC 47-63HZ, 1 O/P, 24VDC/0~4A, IN A JUNCTION BOX, INDOOR, IP20

IP20 | DIMMING | INDOORS



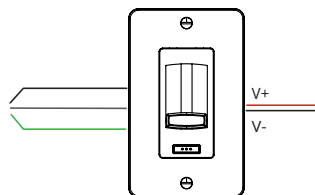
PART NUMBER

210315

DETAILS

LED DRIVER, CV, CLASS 2, DIMMABLE, 0-10V, AC/DC, VZM100W-24, 90W, I/P 120 & 277VAC 47-63HZ, 1 O/P, 24VDC/0~3.75A, ALUMINUM CASE, INDOOR, IP20

IP20 | DRIVER + DIMMER | INDOORS



PART NUMBER

210317

DETAILS

LED DRIVER, CV, WITH INTEGRATED DIMMER, AC/DC, VSW100U-24-ERP, 100W, I/P 120VAC 60HZ, 1 O/P, 24VDC/0~4.2A, FOR SINGLE GANG BOX MOUNT, INDOOR, IP20

IP20 | DALI | INDOORS



PART NUMBER

210323

DETAILS

LED DRIVER, CV, CLASS 2, DIMMABLE, DALI, AC-DC, SRP-2305-24-96W-CVF, 96W, INPUT 120 & 277VAC 50-60HZ, 1 OUTPUT, 24VDC, 0~4A, PLASTIC CASE, IP20