

# HL-ART-0408-WHT



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

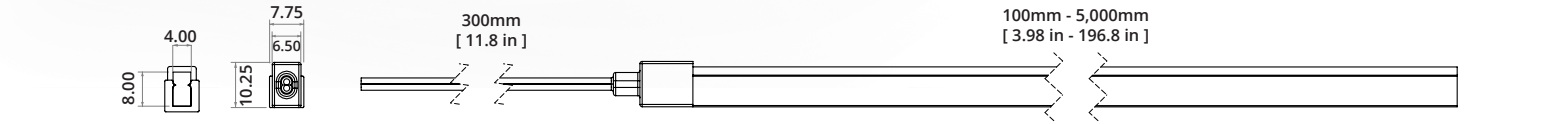
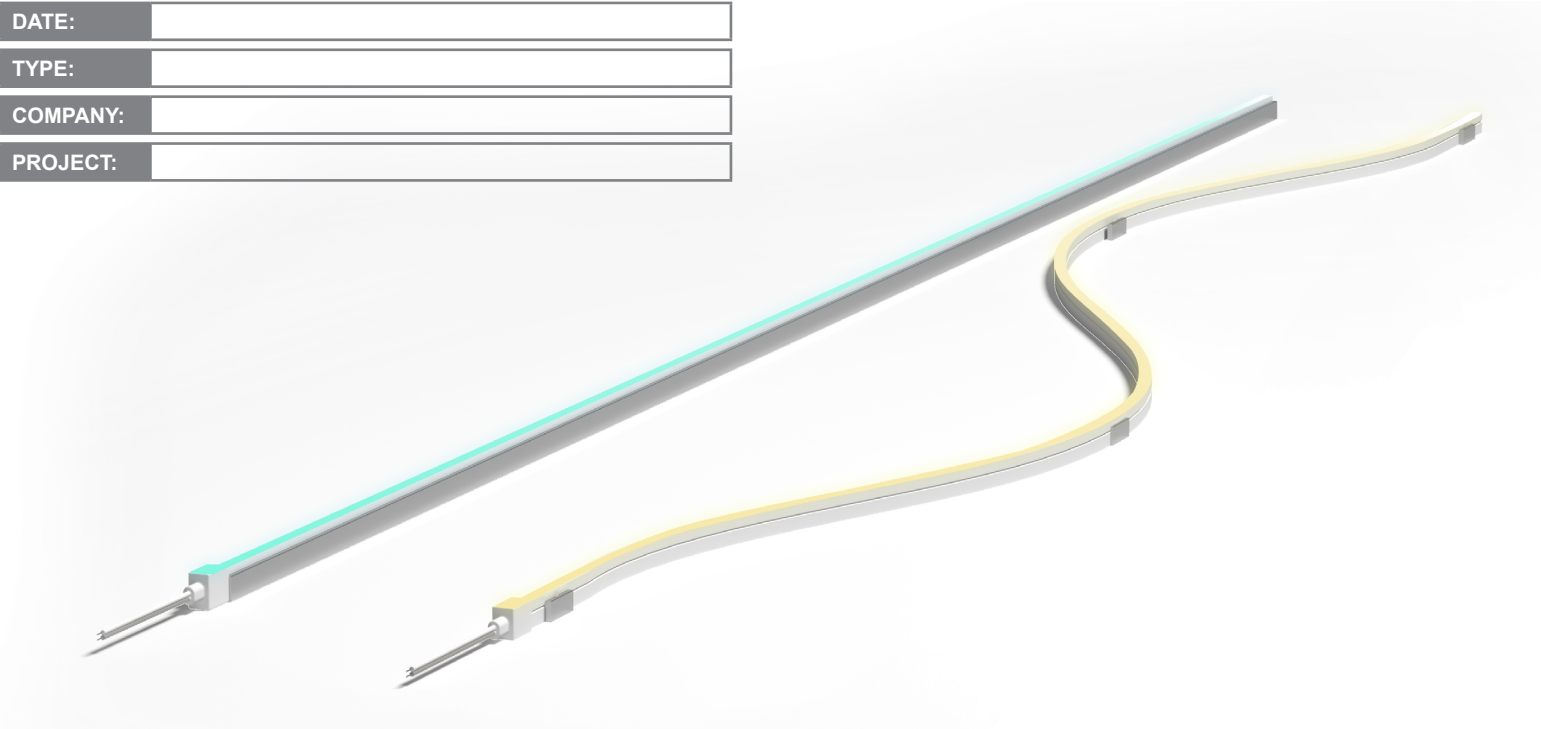
PRODUCT SPECIFICATION SHEET

DATE:

TYPE:

COMPANY:

PROJECT:



## FEATURES

**Physical**

**HL-ART-0408-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 horizontal bend radius of 15mm / 0.59" 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**

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

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SPECIFICATION LOGIC: HL-ART-0408-WHT						
FAMILY	POWER W/FT	NOMINAL LENGTH <sup>1,2</sup>	CCT <sup>3</sup>	INPUT VOLTAGE	CABLE ENTRY	IP RATING
HL-ART-0408-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 FX - Front + Closed	IP67

Order example: HL-ART-0408-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 <sup>1</sup>	6W/m (1.8W/ft)
	Voltage	24VDC (23.5Vmin, 24.5Vmax)
Physical	Minimum Length	100mm
	Height x Width	04mm x 08mm / 0.16" x 0.31" (W x H),
	Body Finish	Premium Silicone Encapsulation, white
	Bend Direction	Horizontal
	Bend Radius	15mm / 0.59"
	Cable Entry Options	Front
	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)	78
	Efficacy @ 3000K(lm/W)	42
	Projected Lumen Maintenance	L70B80 >5,000 hours
	Surface Brightness (cd/m²)	4137.4





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

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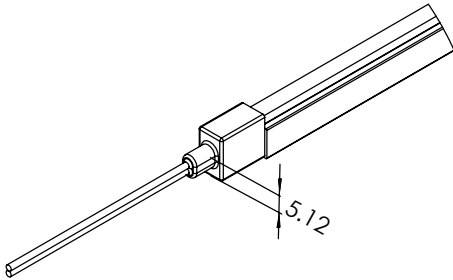
Temperature Range	Storage Temperature	-25°C / -13°C to 55°F / 131°F
	Max Ambient Temperature	45°C / 113°F
	Min Ambient Temperature	-25°C / -13°F
Certification & Safety	IES Classifications	Classification (III)
		RoHs, CE, REACH,UL, IP67
	Certifications	<div><div>US</div><div></div><div></div><div></div>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

## MAXIMUM RUN LENGTHS

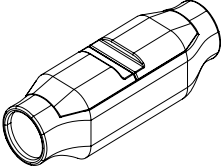
HL-ART-0408-WHT		Standard
	Power	6W/m (1.8W/ft)
	Max Length	5m/17ft

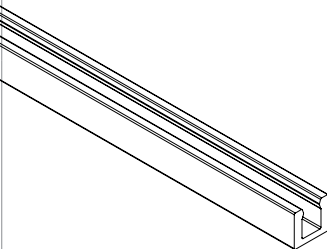

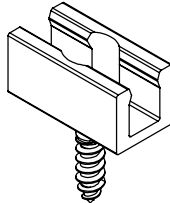

## CABLE ENTRY OPTION EXAMPLES

F - FRONT



## 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
	0408-FP-	*MM	FP- Fixed Profile
			
MOUNTING CLIPS¹			
	PART NUMBER		DETAILS
	0408-MC-	*MM	MC- Mounting Clips
			
1. Screw not included			

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

# HL-ART-0408-WHT

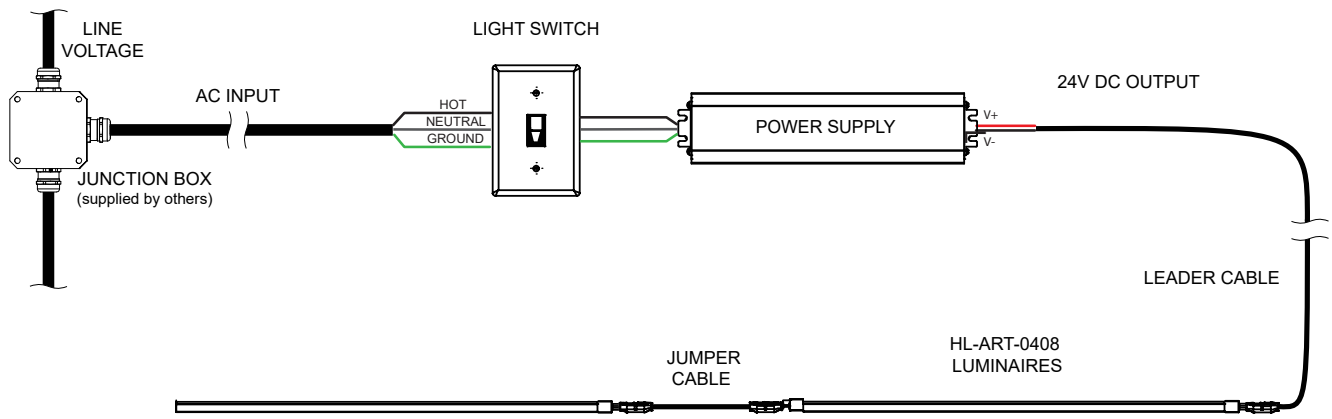


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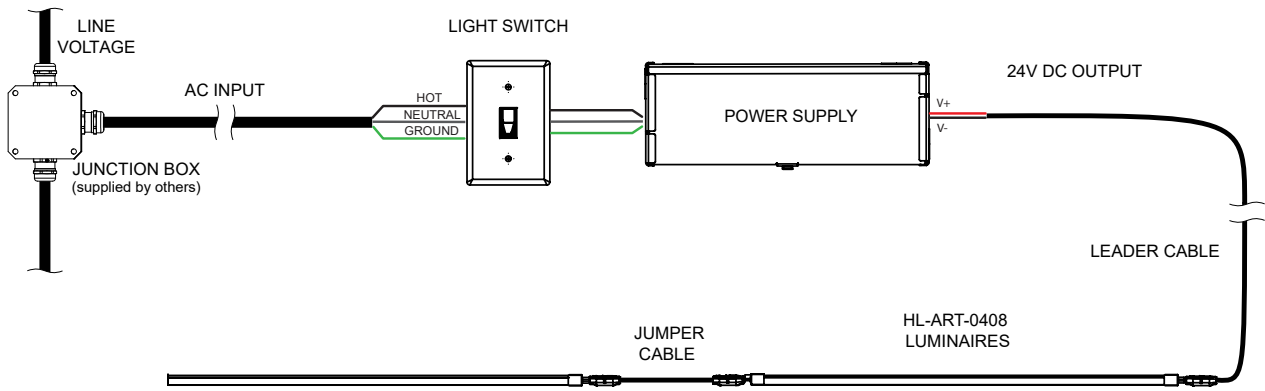
PRODUCT SPECIFICATION SHEET

WIRING DIAGRAM | NON-DIMMABLE

HL-ART-0408-WHT, TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP66 | OUTDOORS



HL-ART-0408-WHT, TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP20 | INDOORS



# HL-ART-0408-WHT

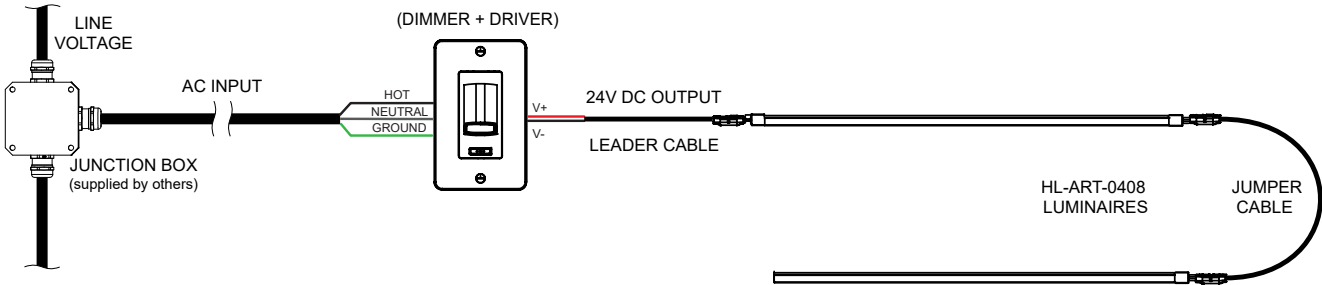


Specification-Grade, Direct-View, Monochromatic LED System for Architectural Delineation

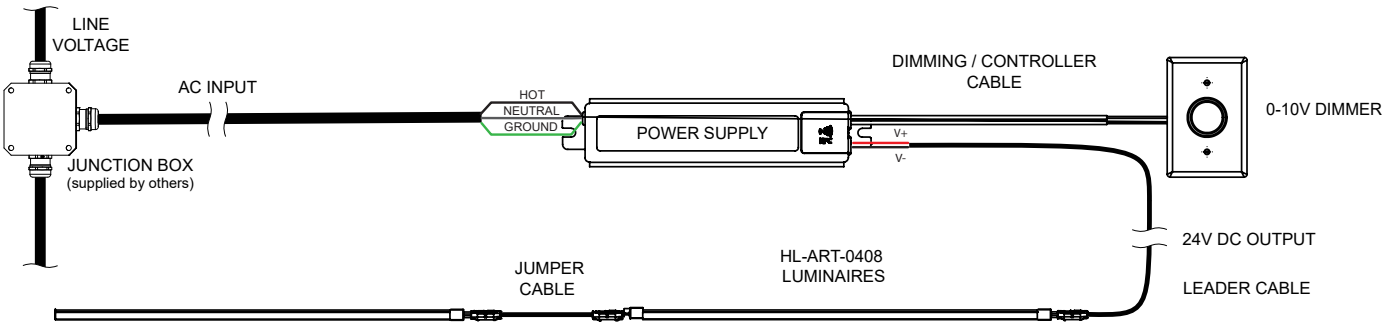
PRODUCT SPECIFICATION SHEET

## WIRING DIAGRAM | DIMMABLE

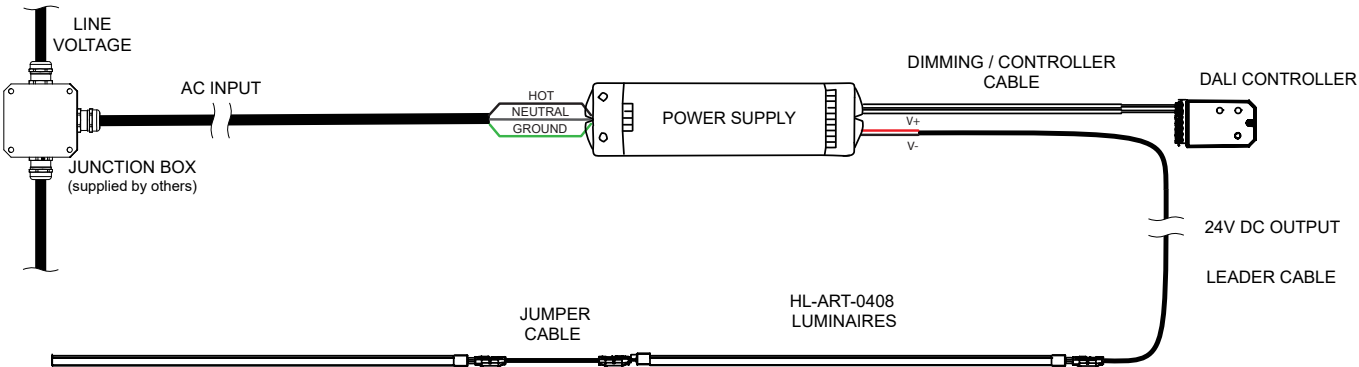
HL-ART-0408-WHT, TYPICAL SYSTEM DIAGRAM, DIMMER + DRIVER POWER SUPPLY | IP20 | INDOORS



HL-ART-0408-WHT, TYPICAL SYSTEM DIAGRAM, 0-10V DIMMING POWER SUPPLY | IP20 | INDOORS

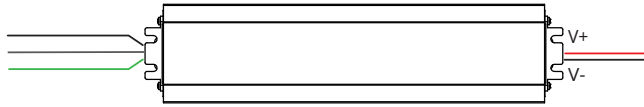


HL-ART-0408-WHT, TYPICAL SYSTEM DIAGRAM, DALI POWER SUPPLY | IP20 | INDOORS



## DRIVERS AND CONTROLS

### IP66 | NON- DIMMING | OUTDOORS



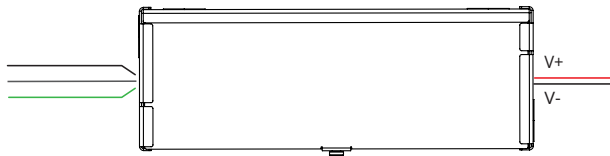
#### PART NUMBER

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



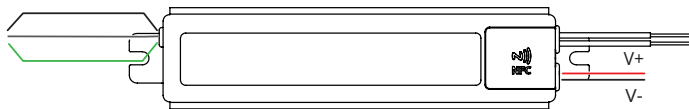
#### PART NUMBER

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



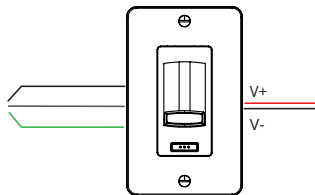
#### PART NUMBER

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