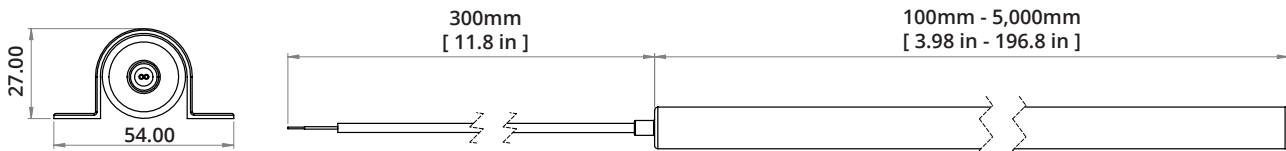


HL-ART-360-3D-DWT

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

PRODUCT SPECIFICATION SHEET

DATE:	
TYPE:	
COMPANY:	
PROJECT:	



FEATURES

Physical
HL-ART-360-3D-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 profiles and mounting options, installable with a maximum vertical or horizontal bend radius of 100mm / 3.93" 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 > 30,000 hours with three-year limited warranty

SPECIFICATION LOGIC: HL-ART-360-3D-DWT

FAMILY	POWER W/FT	NOMINAL LENGTH ^{1,2}	CCT ³	INPUT VOLTAGE	CABLE ENTRY	IP RATING
HL-ART-360-3D-DWT	1.5W/FT 3.1W/FT	Min length - 100mm Maximum length - 5,000mm Increments available - 50mm	DWT	24VDC	FF - Front + Front FX - Front + Closed	IP65

Order example: HL-ART-360-3D-DWT-1.5W/FT-3150MM-3000K-24VDC-FF-IP65

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

		1.5W/ft	3.1W/ft
Electrical	Power Consumption ¹	5W/m (1.5W/ft)	10W/m (3.1W/ft)
	Voltage	24VDC (23.5Vmin, 24.5Vmax)	
Physical	Minimum Length	100mm	100mm
	Size	25mm diameter	
	Body Finish	Premium Dow silicone encapsulation, white	
	Bend Direction	Vertical & Horizontal	
	Bend Radius	100mm / 3.93"	
	Cable Entry Options	Front	
	Fixture Connections	IP65 injection-moulded input and output connectors	
Optical	Light Source	3014 LEDs, 3-step micro binning	
	CRI	80+	
	Control Protocol	DMX512	
	Lumen Output @ 3000K(lm/ft)	76	161
	Efficacy @ 3000K(lm/W)	158	50
Projected Lumen Maintenance	L70B10 > 30,000 hours		

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

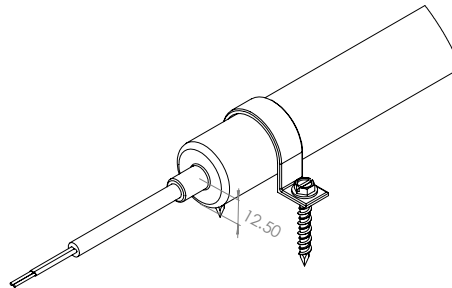
Temperature Range	Storage Temperature	-25°C / -13°C to 60°F / 140°F	
	Max Ambient Temperature	55°C / 131°F	45°C / 113°F
	Min Ambient Temperature	-25°C / -13°F	-25°C / -13°F
Certification & Safety	IES Classifications	Class (III) Luminaire	
		RoHS, CE, REACH, UL, IK08, IP67	
	Certifications	   	
	Environment	Dry, damp or wet locations, 0-100% humidity	

MAXIMUM RUN LENGTHS

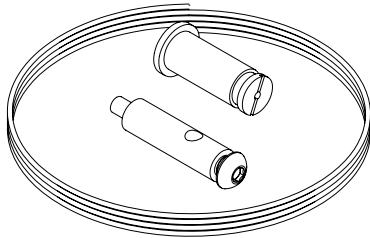
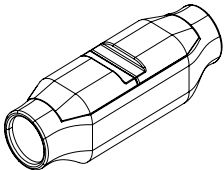
		Low	Standard
HL-ART-360-3D-MONO	Power	5W/m (1.5W/ft)	10W/m (3.1W/ft)
	Max Length	5m/17ft	5m/17ft

CABLE ENTRY OPTION EXAMPLES

F - FRONT

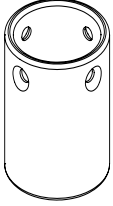



ACCESSORIES

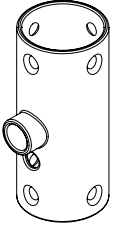

	PART NUMBER	DETAILS
	125261	SUSPENSION HARDWARE, KIT, HL-ART-360-3D, SILVER
	232219	HL-ART, CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG232219 - CONN, TE, WIRE TO WIRE, SERVICE, FEMALE, 4P, 6.2A, 18AWG

PROFILES AND MOUNTING OPTIONS

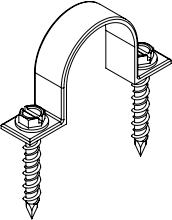
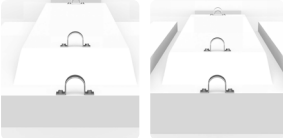
END CAP WHITE PLASTIC

	PART NUMBER		DETAILS
	360-3D-	QTY	End Cap White Plastic
			

END JOINER WHITE PLASTIC

	PART NUMBER		DETAILS
	360-3D-	QTY	End Joiner White Plastic
			

MOUNTING CLIP CLEAR PLASTIC¹

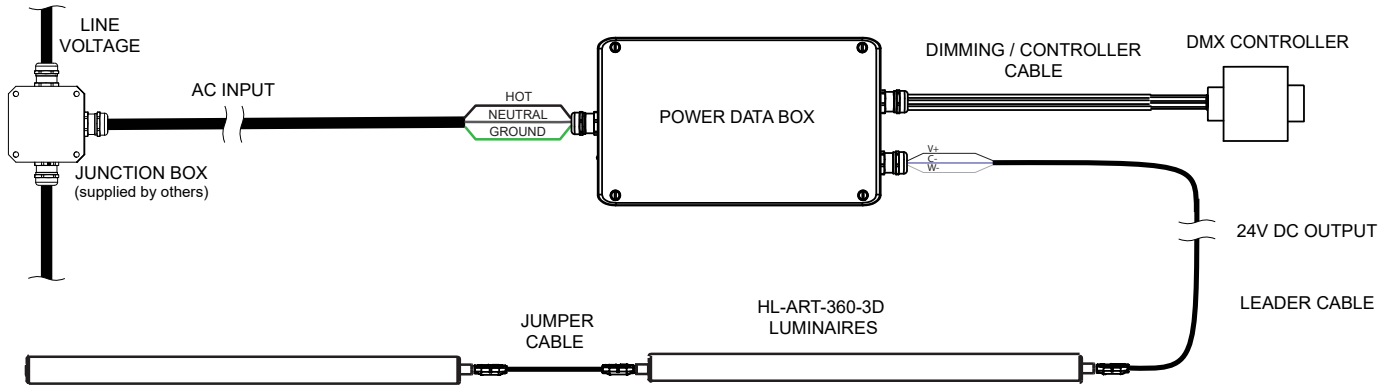
	PART NUMBER		DETAILS
	360-3D-	*MM	Mounting Clip Clear Plastic
			

1. Screw not included

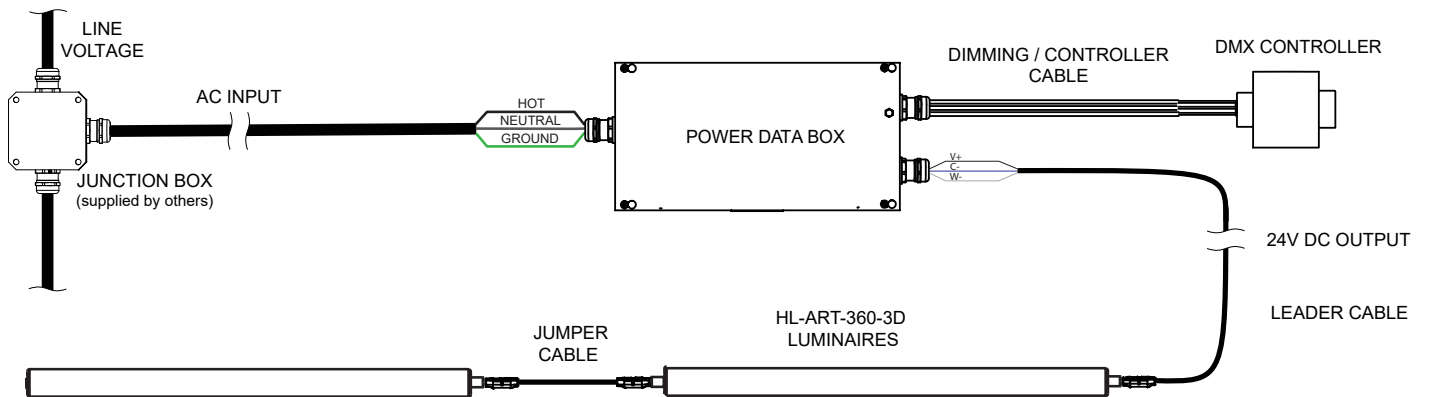
* Insert length of profile selection in millimeters to match luminaire length

WIRING DIAGRAM | DIMMING

HL-ART-360-3D-DWT, TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP66 | OUTDOORS

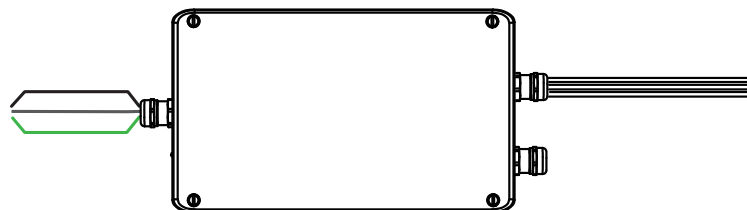


HL-ART-360-3D-DWT, TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP30 | INDOORS



DRIVERS AND CONTROLS

IP66 | DMX-4CH-PWM | OUTDOOR



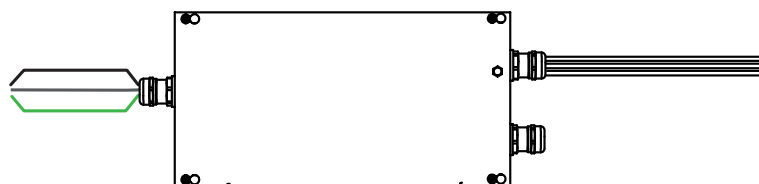
PART NUMBER

G20519

DETAILS

POWER-DATA-BOX, PDB-ELV24-96W-DMX-4CH-PWM-120~277VAC-IP66

IP30 | DMX-4CH-PWM | INDOORS



PART NUMBER

G20518

DETAILS

POWER-DATA-BOX, PDB-ELV24-96W-DMX-4CH-PWM-120~277VAC-IP30