

HL-ART-1615-RGB



Specification-Grade, Direct-View, Color-Changing LED System for Architectural Delineation

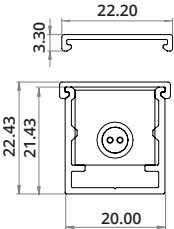
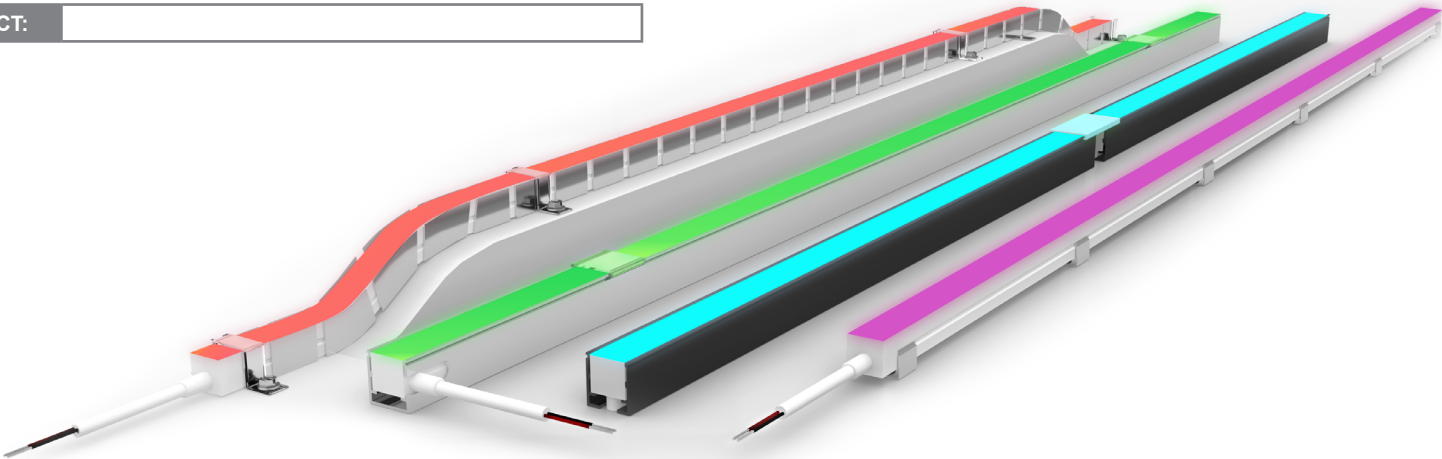
PRODUCT SPECIFICATION SHEET

DATE:

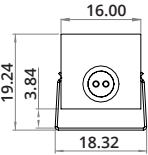
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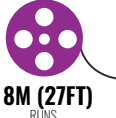
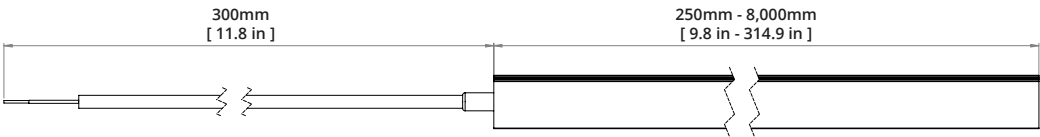
PROJECT:



FIXED PROFILE



MOUNTING CLIP



FEATURES

Physical

HL-ART-1615-RGB 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 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

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 > 30,000 hours with Three-year limited warranty

SPECIFICATION LOGIC: HL-ART-1615-RGB

FAMILY	POWER W/FT	NOMINAL LENGTH ¹	CCT ²	INPUT VOLTAGE	CABLE ENTRY	IP RATING
HL-ART-1615-RGB	3.4W/FT	Min length - 250mm Maximum length - 8000mm Increments available - 125mm	RGB	24VDC	FF - Front + Front SS - Side + Side BB - Bottom + Bottom FX - Front + Closed SX - Side + Closed BX - Bottom + Closed	IP67

Order example: HL-ART-1615- RGB-3.4W/FT-3125MM-RGB-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 ¹	11W/m (3.4W/ft)
	Voltage	24VDC (23.5Vmin, 24.5Vmax)
Physical	Minimum Length	250mm
	Height x Width	16mm x 15mm / 0.63" x 0.59" (W x H)
	Body Finish	Premium Dow silicone encapsulation, white
	Bend Direction	Vertical
	Bend Radius	120mm / 4.72"
	Cable Entry Options	Front, Side, Bottom
	Fixture Connections	IP67 injection-moulded input and output connectors
Optical	Light Source	4040 LEDs, RGB
	Control Protocol	DMX512
	Lumen Output	80
	Efficacy	29
	Projected Lumen Maintenance	L80 30,000 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%.

HL-ART-1615-RGB

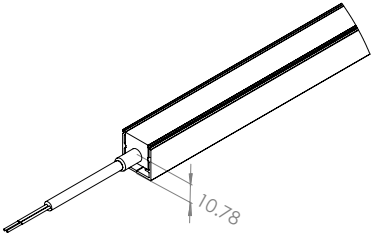
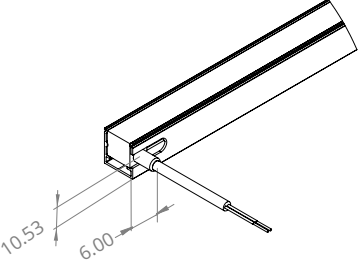
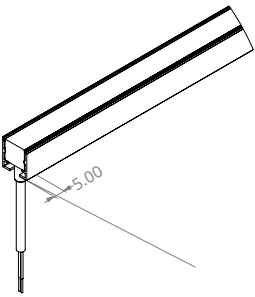


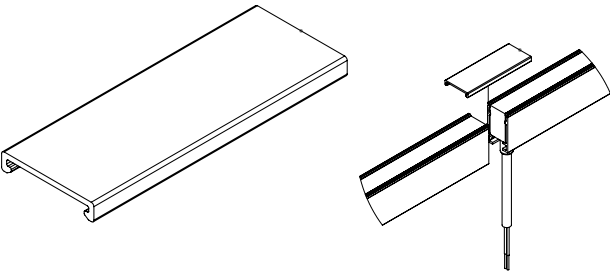
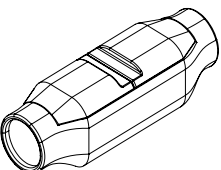
Specification-Grade, Direct-View, Color-Changing LED System for Architectural Delineation

PRODUCT SPECIFICATION SHEET

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-1615-RGB		Standard
	Power	11W/m (3.4W/ft)
	Max Length	8m/27ft

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

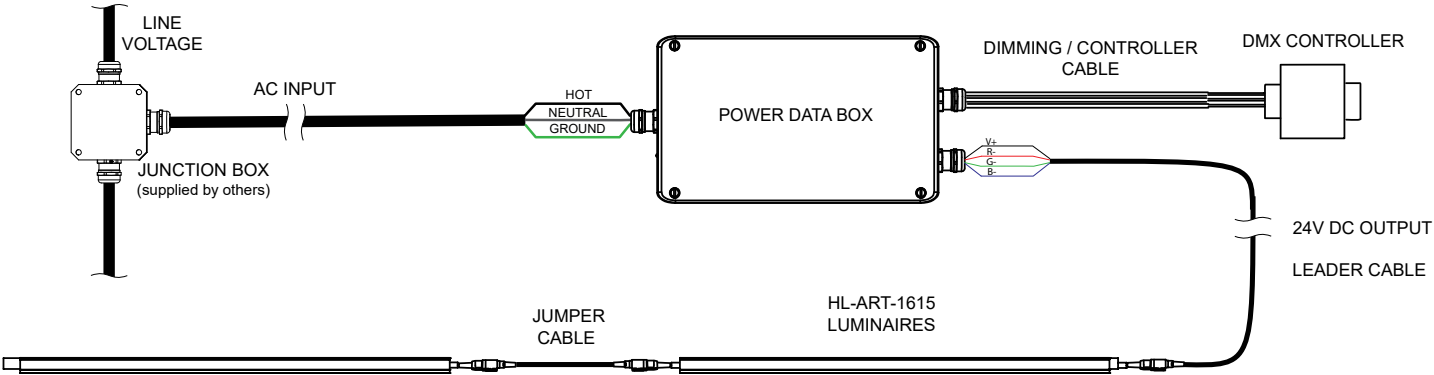


PROFILES AND MOUNTING OPTIONS			
FIXED ALUMINUM CLEAR/BLACK MATTE			
	PART NUMBER		DETAILS
	1615-FPCM-	*MM	FPCM - Fixed Aluminum Profile Clear Matte
	1615-FPBM-	*MM	FPBM - Fixed Aluminum Profile Black Matte
BENDABLE PROFILE			
	PART NUMBER		DETAILS
	1615-BP-	*MM	BP - Bendable Profile
	MOUNTING CLIPS ¹		
	PART NUMBER		DETAILS
	1615-MC-	*MM	MC - Mounting Clips
	1. Screw not included		

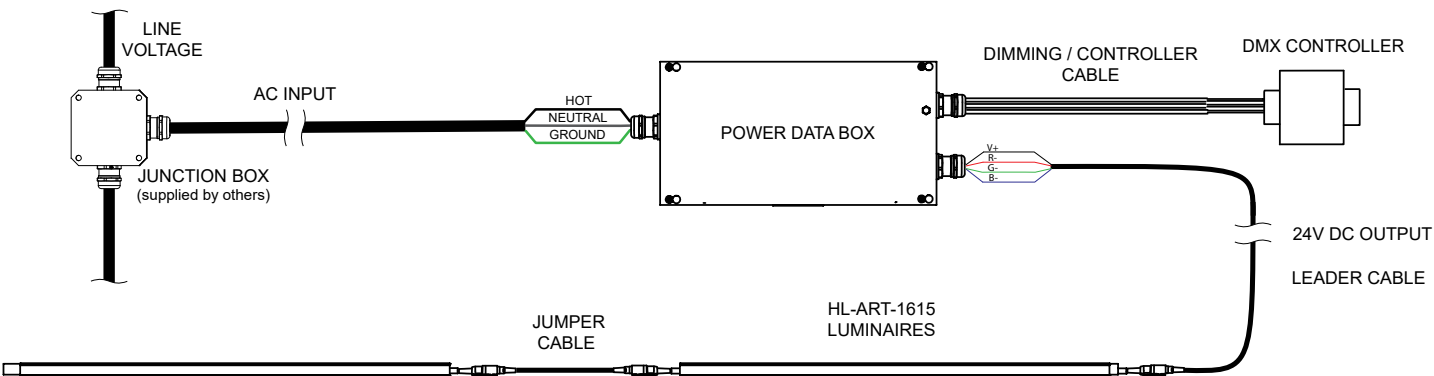
* Insert length of profile selection in millimeters to match luminaire length

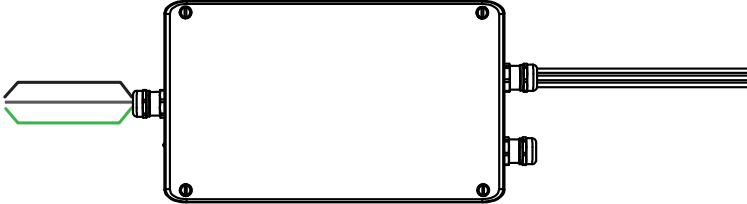
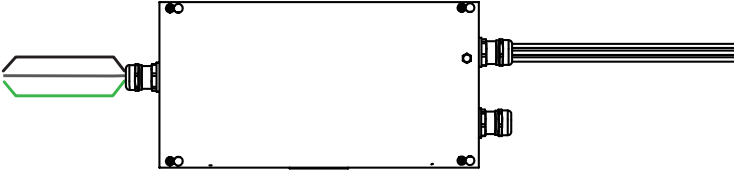
WIRING DIAGRAM | DIMMING

HL-ART-1615-RGB, TYPICAL SYSTEM DIAGRAM, POWER SUPPLY | IP66 | OUTDOORS



HL-ART-1615-RGB, 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