

Dynamic White Architectural Spot and Flood Light

PRODUCT SPECIFICATION SHEET

DATE:	
TYPE:	
COMPANY:	
PROJECT:	

Ø 73.0mm
2.87in

106.5mm
4.19in

110.1mm
4.33in
70mm
2.76in

47.1mm
1.85in
Ø 50.0mm
1.97in

38.0mm
1.50in

200° VERTICAL ROTATION

Range of Brackets

FEATURES:

- Dynamic white between 2700K and 7000K
- Fully sealed body design
- Machined and architectural anodized aluminum body
- Optically clear tempered glass
- Leader cable with proprietary moisture blocking design (IP68²)
- 5 year limited warranty
- Compact size, only 73mm (2.9in) in diameter
- Highly adjustable with 360° horizontal and 200° vertical rotation

OPTIONS:


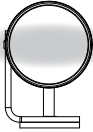


- Beam angles ranging from 10° to 90° with elliptical distribution options
- Optical accessories for glare control
- Black matte and clear matte anodized colors
- Range of bracket lengths
- Outdoor Cable option suitable for outdoor exposed runs or Outdoor Burial Cable option suitable for outdoor exposed runs and direct burial (landscape applications).

SPECIFICATION LOGIC: LIRA™ DWT									
FAMILY	BODY COLOR	POWER	LED COLOR	CONTROL	INPUT VOLTAGE	OPTICS (FWHM)	FLYING LEAD LENGTH	CABLE TYPE	MOUNTING
LIRA	BM - Black Matte CM - Clear Matte CUST - Custom Color ¹	8W	DWT - Dynamic White (2700K - 7700K)	DMX	24VDC	10 - 10°x10° 20 - 20°x20° 40 - 40°x40° 60 - 60°x60° 80 - 80°x80° 90 - 90°x90° 10x40 - 10°x40° H 40x10 - 40°x10° V 10x60 - 10°x60° H 60x10 - 60°x10° V 30x60 - 30°x60° H 60x30 - 60°x30° V	LL1 - 1.0m (3.3ft) LL2.5 - 2.5m (8.2ft) LL5 - 5.0m (16.4ft) LL7.5 - 7.5m (24.6ft) LL10 - 10.0m (32.8ft) LL15 - 15.0m (49.2ft) LL20 - 20.0m (65.6ft) LL25 - 25.0m (82.0ft)	OD - Outdoor OB - Outdoor Burial (Landscape)	SM70 SM100 ¹ SM150 ¹

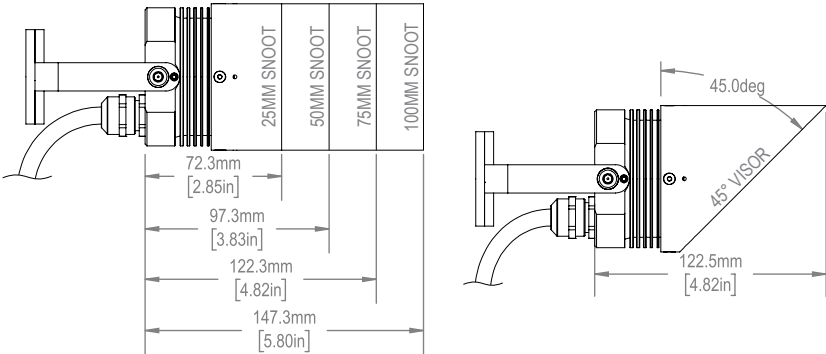
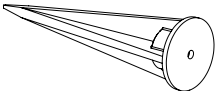

PRODUCT CONFIGURATION									

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PRODUCT SPECIFICATIONS: LIRA™ DWT					
ELECTRICAL	Rated Input Voltage	24VDC			
	Power Consumption (max.)	8W			
	AC/DC Power Supply	GVA Lighting, Inc. PDB-ELV24-100~277VAC-IP66/IP40, or suitable 24V Class2 power supply			
OPTICAL	Light Source	High Power 4 in 1 Dynamic White LED			
	DWT 10W Output (typical)	Color	CCT	Luminous Flux (lm)	
	10°	Warm White	2700K	160	
		Ultra White	7700K	280	
				Peak Intensity (cd)	
				2,503	
				4,502	
	Optics (FWHM)	10 (10°x10°)	10x40 (10°x40° H)	 VERTICAL (40°X10°)	
		20 (20°x20°)	40x10 (40°x10° V)		 HORIZONTAL (10°X40°)
		40 (40°x40°)	10x60 (10°x60° H)		
	60 (60°x60°)	60x10 (60°x10° V)			
	80 (80°x80°)	30x60 (30°x60° H)			
	90 (90°x90°)	60x30 (60°x30° V)			
	Projected Lumen Maintenance	L70 > 60,000hrs @ <i>t</i> _a = 50°C (122°F)			
CONTROL	Control Systems	Any DMX512-A controller			
PHYSICAL	Size (HxWxD)	mm	106.5 x 73.90 x 47.1		
		inches	4.19 x 2.87 x 1.85		
	Weight	kg	0.38		
		lbs	0.84		
	Housing	Machined and architectural anodized aluminum body, optically clear tempered glass			
	Fixture Connections (DMX)	7 conductor power and data cable with stripped wires and proprietary moisture blocking			
CERTIFICATION & SAFETY	Rated Operation Temperature	-30°C (-22°F) to +50°C (122°F)			
	Environment	Dry, Damp or Wet Locations, 0-100% Humidity			
	Listings	RoHS			
	IEC Classifications	Class 2 LED Luminaire			
	 	Constructed to meet requirements outlined in UL 1838 & 8750			

These figures are subject to change due to further development and innovations of LED light sources.

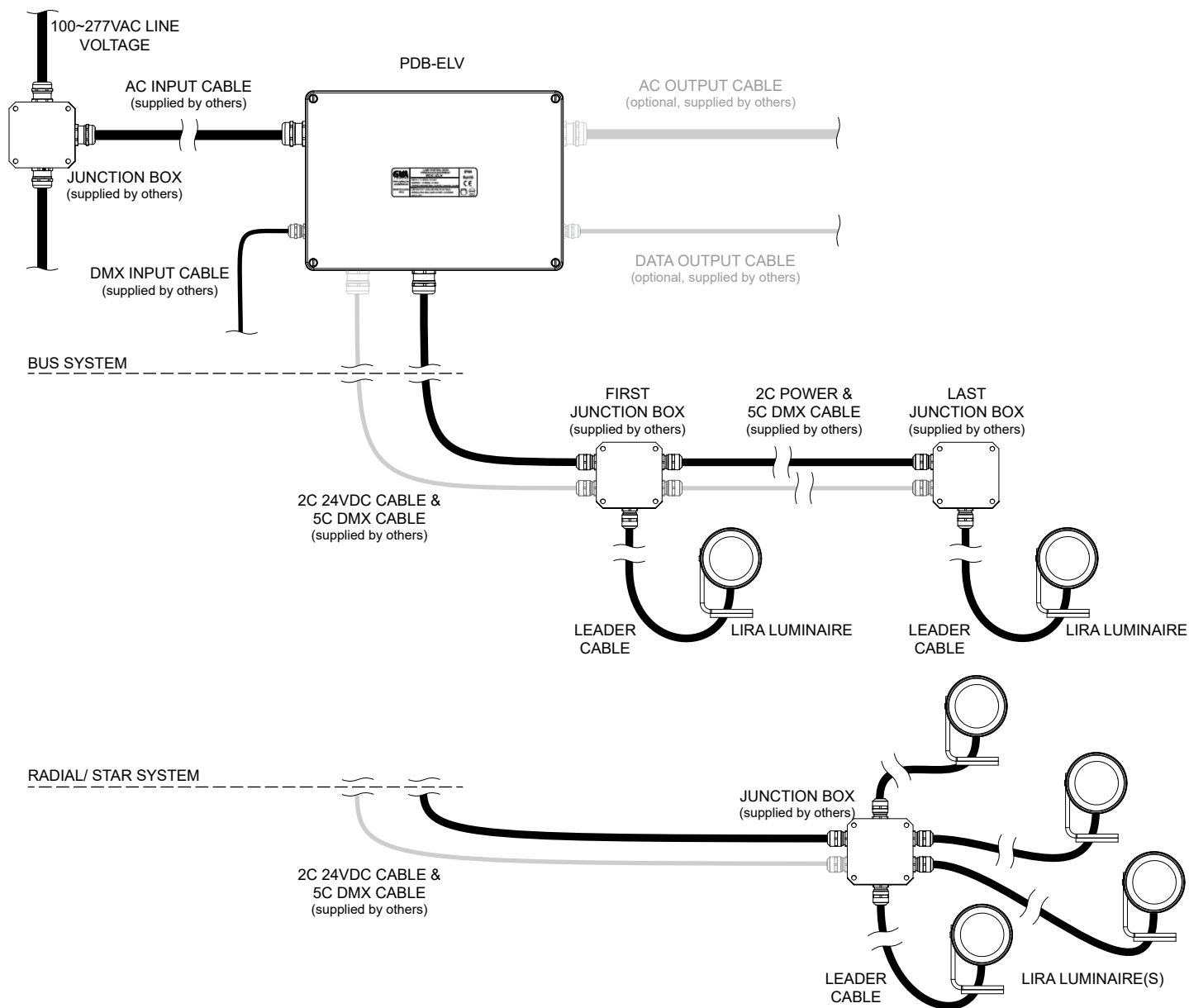
ORDERING LOGIC: LIRA OPTICAL ACCESSORIES							
SNOOTS & VISORS		25MM	50MM	75MM	100MM	VISOR	
		COLOR		PART NO.			
		Clear Matte Anodized	122299	122302	122305	122308	122314
		Black Matte Anodized	122300	122303	122306	122309	122315
		Custom Color	122301	122304	122307	122310	122316
		NOTE: Visor can be installed at any 90° orientation. See installtion guide for details.					
SNOOTS & VISORS		COLOR		PART NUMBER			
		Black		241094			
		TYPE		LENGTH	PART NUMBER		
		7C OUTDOOR (OD)		Specify in Meters	280277		
		7C OUTDOOR BURIAL (OB)		Specify in Meters	280224		

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TYPICAL SYSTEM DIAGRAMS

NOTE: Cable length, gauge, and fixture quantity is directly proportionate to the maximum fixture distance from the power-data box. Minimum working voltage of LIRA luminaire is 18VDC. Please consult GVA Lighting for more information.



NOTE: Diagram shows 2C power cable and 5C data cable option.
GVA 7C power & data cable available (supplied separately).