

DESCRIPTION

GRAPH-I-LINE is a versatile architectural RGB luminaire for direct view applications. The lightweight weatherproof LED bar is capable of reproducing almost any visual concept from screening of videos to displaying a wide array of graphic patterns when combined with multiple units. The plug and play unit is self-addressing and operates with standard DMX 512 channel protocol, or G-data protocol, which can manage up to 2048 channels. Adjustable control resolution ranges from one inch when the individual LEDs within the luminaire are independently controlled, to one meter when using the luminaire as a single pixel. Polycarbonate lens options include a clear lens for long distance viewing or an opaline diffuser for closer direct view. The luminaire is composed of a light fixture and mounting channel for simplified installation and positioning. Remote power supply is sold separately.



Date: _____ Type: _____ Project: _____

Catalog Number: _____

ORDERING INFORMATION

LUMINAIRE					
MODEL	CCT	INPUT VOLTAGE	OPTIC	FINISH	OPTIONS
GRL520 Graph-I-Line 20	RGB Red/Green/Blue	UNV 120 - 277V via Remote Power Supply	DO 120° Opaline Lens	AG Anthracite Grey	3G ANSI C136.31 Vibration Rating
GRL540 Graph-I-Line 40			DC 120° Clear Lens	BL Black	
				SG Griven Silver Grey	
				WH White	
				CC Custom RAL Color	

Custom options are available; consult factory for assistance via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

REMOTE POWER SUPPLY (Required, Ordered Separately)

MODEL
RMTPS-UNV-200-48-N Dual Channel Remote Power Supply for Graph-I-Line; Powers 20 Graph-I-Line 20 Units (10 per Channel) or 10 Graph-I-Line 40 Units (5 per Channel) Enclosure Dimensions: 12.28" L x 4.47" W x 2.38" H. See Page 3 for dimensional drawing. 200 Watts Max. Output (100 Watts per Channel) 48 VDC On/Off Control

PHYSICAL	HOUSING	Extruded Aluminum Body with Extruded Polymer Tube	
	MOUNTING	Aluminum Channel Housing that Separates from Fixture	
	OVERALL DIMENSIONS	Graph-I-Line 20	Graph-I-Line 40
		19.75" L x 1.75" W x 3.25" H	39.5" L x 1.75" W x 3.25" H
	WEIGHT	2.2 Pounds	3.3 Pounds
	AMBIENT OPERATING TEMPERATURE	-40° F to 122° F	

ELECTRICAL	CONTROL	DMX 512, G-Data, Wireless and 0-10v Interfaces Available	
	POWER CONSUMPTION	Graph-I-Line 20	Graph-I-Line 40
		9 Watts Max. per Fixture	18 Watts Max. per Fixture
	INPUT VOLTAGE	48v Fixture with 120-277VAC Remote Power Supply (sold separately)	
	ELECTRICAL CLASS	Class III	
	CHANNELS	From 3 to 60 Channels	From 6 to 120 Channels
	CABLE LENGTHS	(2) 5.9" Cables per Side	

PHOTOMETRIC	LED	Graph-I-Line 20		Graph-I-Line 40	
		20 High Brightness RGB LEDs		40 High Brightness RGB LEDs	
	OPTICS	120° Direct View Opaline or Clear Dome			
	PIXEL PITCH	25mm (min.)			
	DELIVERED LUMEN OUTPUT	Opaline	Clear	Opaline	Clear
		94 Lumens	122 Lumens	189 Lumens	244 Lumens
	EFFICACY	10 LPW	14 LPW	10 LPW	14 LPW
	LUMEN MAINTENANCE	L70 > 50,000 Hours @ 77° F			

CERTIFICATIONS	SAFETY	ETL Certified for Wet Locations	
	INGRESS PROTECTION	IP66	
	IMPACT RATING	IK10	
	WARRANTY	Five Year Limited Warranty	

CUSTOMIZE YOUR EXPERIENCE.

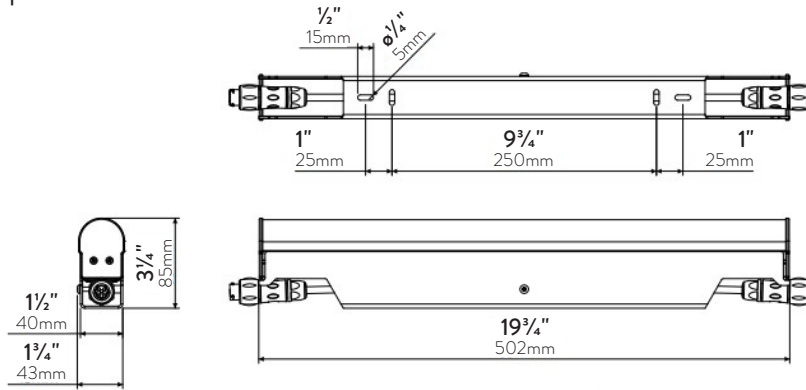
At Experience Brands, we believe every space deserves unique lighting elements. We proudly specialize in crafting solutions that reflect your personal vision. Our expert team is here to collaborate with you to design and implement customized features that elevate your environment.

Ready to Get Started? Email us at: DesignServices@exp-brands.com

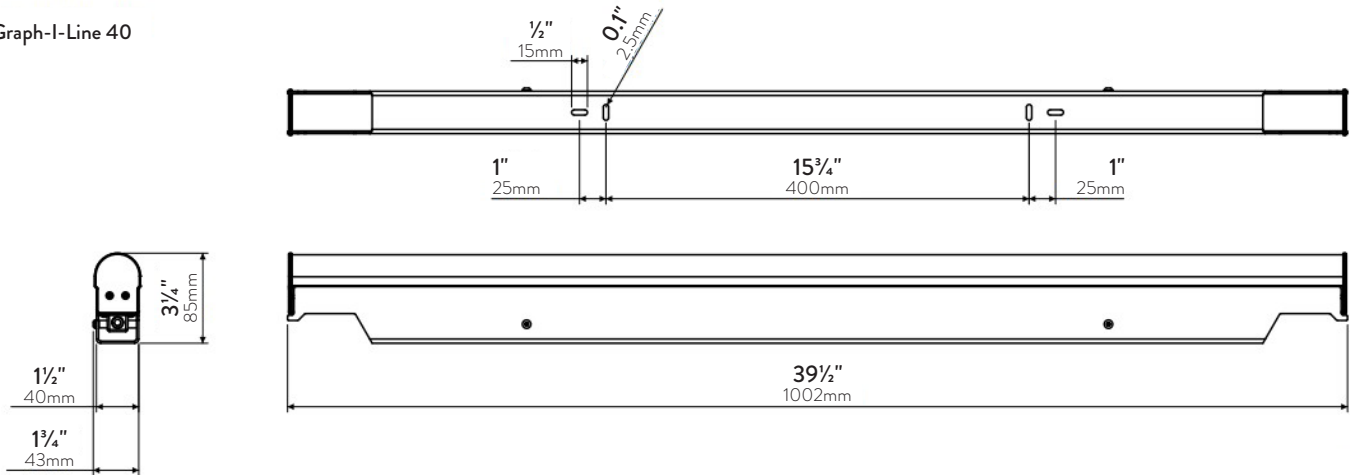
* LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.

DIMENSIONS

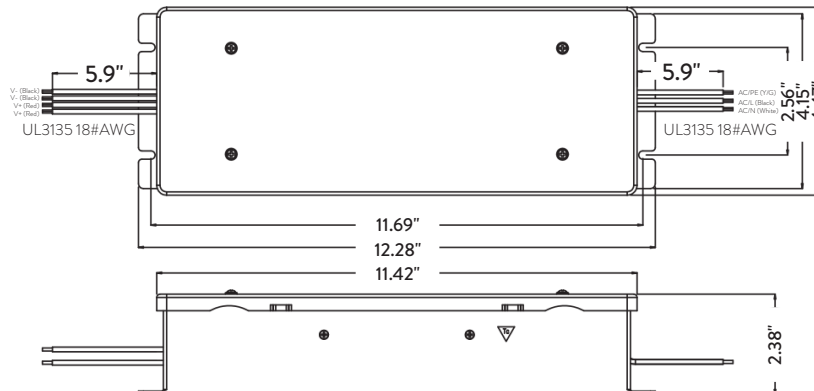
Graph-I-Line 20



Graph-I-Line 40

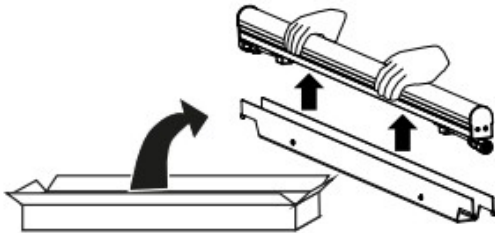


Remote Power Supply



INSTALLATION INSTRUCTIONS

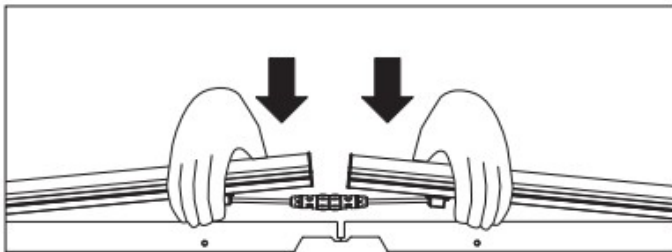
NOTICE: Installation must be performed by qualified personnel only. Ensure power supply is off before connecting or disconnecting fixtures. Consult the factory for control system development.



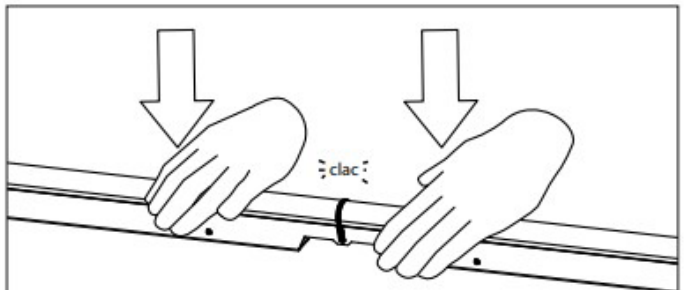
(1) Remove the fixture from the packaging. Then, remove the upper luminaire section from the aluminum mounting bracket.



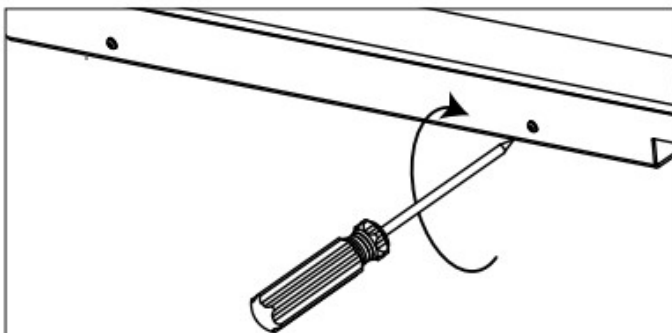
(2) Install the mounting bracket with screws that are suitable for your mounting location.



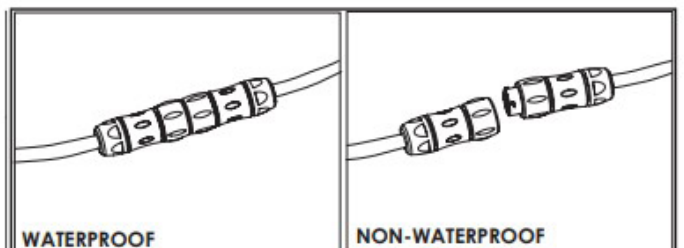
(3) To link fixtures together, connect the male and female connectors with the fixtures positioned over their mounting brackets.



(4) Gently push the fixtures down into their mounting brackets.



(5) Lock the fixture into the mounting brackets by tightening the two set screws on the side of the mounting bracket.



NOTE: Never leave the connectors disconnected in outdoor settings for long periods of time. The connectors are only waterproof when tightened together.