

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 320 watt power supply can operate up to 15 Graph-i-Line 40 luminaires in a single run.



Date: _____ Type: _____ Catalog Number: _____


Project Name: _____

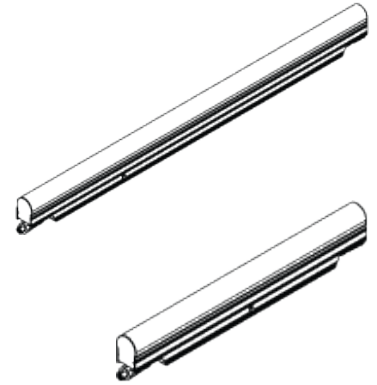
ORDERING INFORMATION

LUMINAIRE					
MODEL	COLOR*	VOLTAGE	OPTICS	FINISH §	OPTIONS
GRL520 - Graph-i-Line 20	RGB - RGB	UNV - 120 - 277V	DO - Opaline Lens	AG Anthracite Grey	3G ANSI C136.31 Vibration Rating
GRL540 - Graph-i-Line 40			DC - Clear Lens	BL Black	
				SG Griven Silver Gray	
				WH White	
				CC Custom Color	
				§ Contact factory for marine grade finish	

*Contact factory for RGBW

PRODUCT SPECIFICATIONS

Lumen Output	195 lumens RGB Graph-I-Line 40
Pitch	0.98" x 1.75" minimum
Lumen Maintenance	50,000 hours L70 @ 25°C
Color	RGB (see pg 4 for customization options)
Operating Temperature	-40°F to 122°F (-40°C to 50°C)
Housing	Extruded aluminum body with extruded polymer tube
Mounting	Aluminum channel housing that separates from fixture
Weight	Electronic driver: 8.2 lbs (3.7 Kg)
Certification	
Ingress Protection	Wet location rated IP66
Impact Rating	IK10
Control	DMX 512, G-data (2048 channels), Wireless and 0-10V interfaces available
Additional Features	Auto addressing / Automatic overtemperature protection



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

ELECTRICAL SPECIFICATIONS

Input Voltage	120-277 VAC @ 50-60Hz
Power Consumption	5.5W / ft (18W / meter)
Power Factor	>.98 @ 115VAC, >.94 @ 277VAC (power supply)

PRODUCT OPTIONS



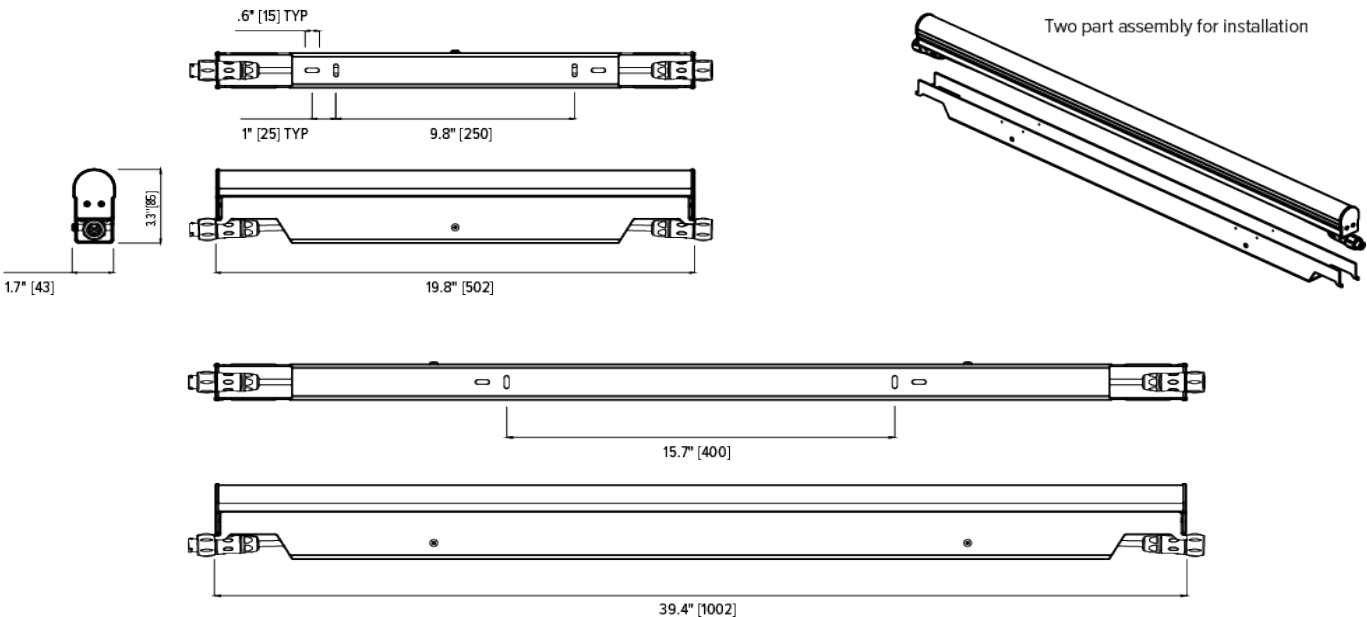
MARINE
GRADE COATING

Maximum corrosion
resistance for
installations near salt or
brackish water.

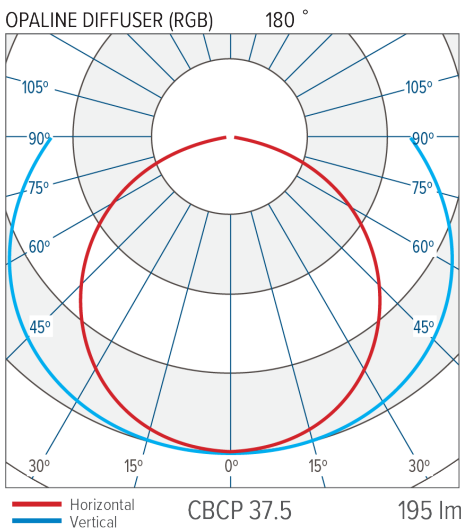
DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

DIMENSIONAL DRAWINGS

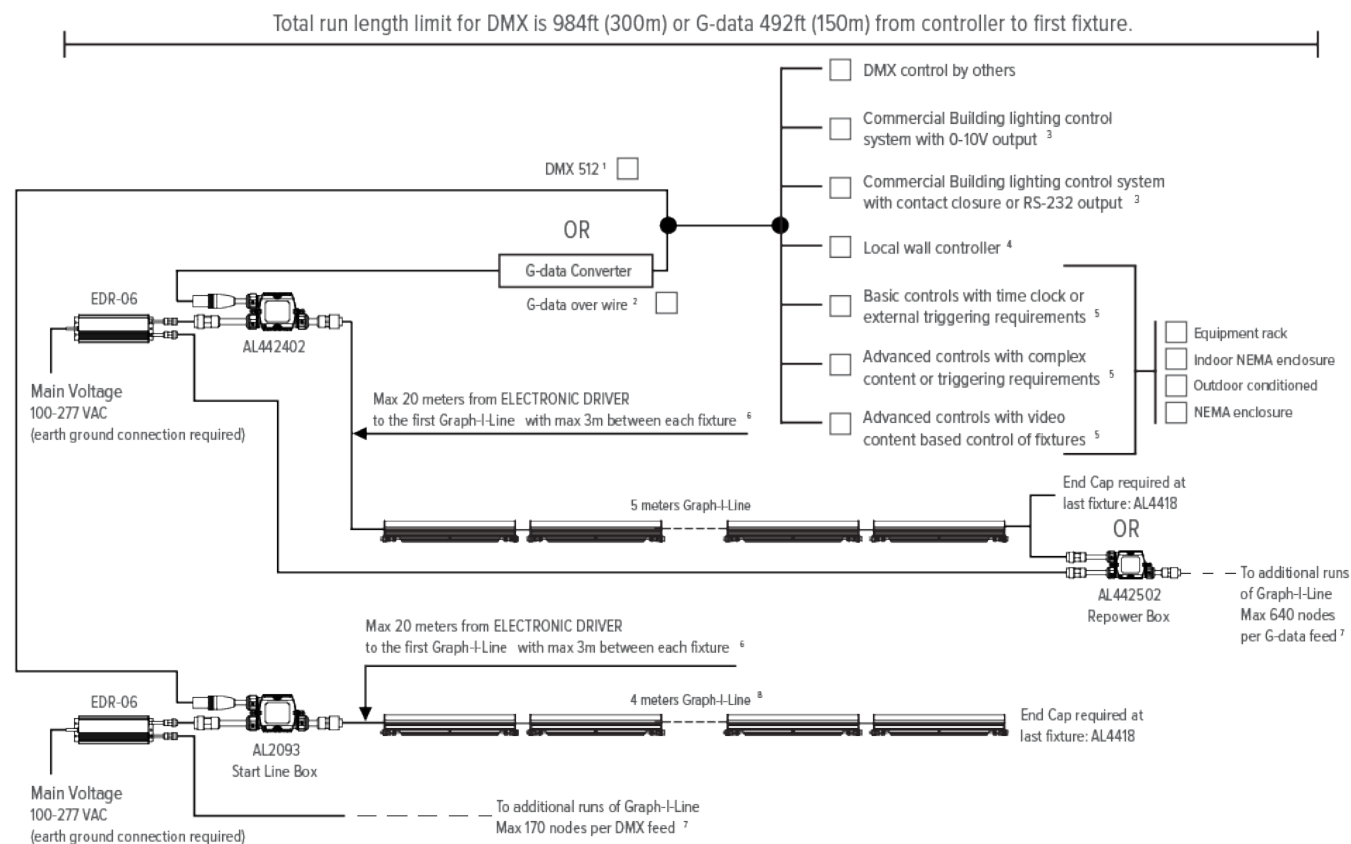


PHOTOMETRICS : GRL540



CONTROL OPTIONS

Contact manufacturer for control system development.



NOTES

1. Wired or wireless DMX available. Wire specifications are available from factory as well as approved wire for purchase.
2. Given proprietary protocol output from Artnet input. Not available with some control options. Contact factory for more details.
3. For example: Lutron, Crestron, Encelium, Douglas, ETC by others. Given control system will interface with building lighting control system.
4. Local wall controller for small applications. Wall controllers specified separately for larger systems.
5. Contact factory for assistance with specification. Onsite commissioning by Griven of control system is required.
6. Based on 1.5mm² cable cross section. Contact factory for assistance in developing alternate configurations.
7. A node is an individually controllable segment. Graph-I-Line has a range of control resolution from 1" to 1m to be specified when ordered. Consult factory regarding control resolution for your application.
8. 4 meter maximum at full resolution. 5 meter maximum at lower resolution.