

ULA-60014

Light Linear LA 2 Ingrade

LIGMAN
LIGHTING USA

Construction

Aluminum

Less than 0.1% copper content – Marine Grade 6060 extruded & LM6 Aluminum High Pressure die casting provides excellent mechanical strength, clean detailed product lines and excellent heat dissipation.

Pre paint

8 step degrease and phosphate process that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

Memory Retentive -Silicon Gasket

Provided with special injection molded “fit for purpose” long life high temperature memory retentive silicon gaskets. Maintains the gaskets exact profile and seal over years of use and compression.

Thermal management

LM6 Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by Ligman used in conjunction with the driver, controls thermals below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

Surge Suppression

Standard 10kv surge suppressor provided with all fixtures.

BUG Rating

B2 - U5 - G5

Finishing

All Ligman products go through an extensive finishing process that includes fettling to improve paint adherence.

Paint

UV Stabilized 4.9Mil thick powder coat paint and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

Frame & Hardware

Marine grade 316 Stainless steel.

Anti Seize Screw Holes

Tapped holes are infused with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

Crystal Clear Low Iron Glass Lens

Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

Optics & LED

Precise optic design provides exceptional light control and precise distribution of light.
LED CRI > 80

Lumen - Maintenance Life

L80 /B10 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)

Efficient quality linear fixture portfolio. Coordinated inground range with multiple optics and component options.

Light Linear LA inground family is a range of small profile linear product that complements the Light Linear LA recessed wall, surface wall and pendant luminaires. The inground fixture is available with a selection of optics, as well as a forward throw asymmetric distribution that is achieved with an internally tilted gear tray.

This walkover rated luminaire is available with RGBW color changing, as well as static white color in 2700K, 3000K, 3500K and 4000K formats. The Light Linear LA inground is provided with a concrete pour or dirt mounting recessing box as a standard. This recessing box can be shipped to the jobsite ahead of time, if requested.

The Light Linear LA is suitable for wall grazing, wall washing, column lighting and uplight applications and can be used in many applications including; commercial, historic, or modern architectural interiors and exteriors. Two different lengths are provided allowing the luminaire installation to be tailored exactly to the architectural structure. The luminaire is provided with an integral driver. A remote driver can be provided, please contact the factory for more details. Options of clear or frosted tempered 8mm thick glass with a load rating of 1,100lb.

NOTE: This fixture is not suitable for recessed ceiling mounting.



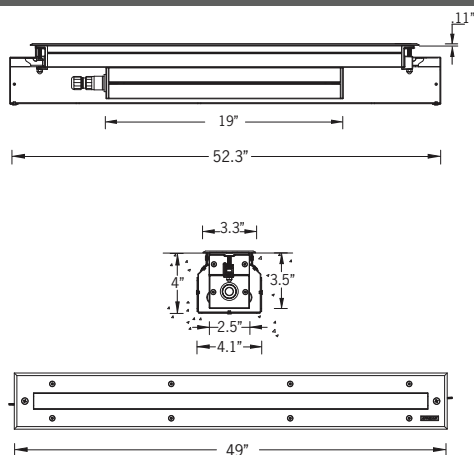
RGBW

66w LED 3898 Lumens

IP67 • Suitable For Wet Locations

IK10 • Impact Resistant (Vandal Resistant)

Weight 17 lbs



PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || ULA-60014-66w - VN - RGBW30- 120/277v

ULA-60014				
	LAMP	BEAM	RGBW COLOR	VOLTAGE
	66w LED 3898 Lumens	VN - Very Narrow 10° N - Narrow 13° M - Medium 25° W - Wide 43° E - Elliptical 28°x35°	RGBW30 - Warm White 3200K RGBW40 - Neutral White 4000K RGBW65 - Cool White 6850K	120/277v Other - Specify

ADDITIONAL OPTIONS		

F - Frosted Lens
DIM - 0-10v Dimming
NAT - Natatorium Rated

RGBW DMX/RDM Control

RGBW control requires precise communication between lighting fixtures and IP-based systems. To manage Red, Green, Blue, and White diodes effectively, each fixture must be pre-addressed to ensure accurate individual or grouped control.

Ligman's Engineered Approach

Ligman offers a structured, performance-driven methodology for RGBW system design and deployment.

Fixture Addressing

- Default: Fixtures are factory-programmed with the same DMX address unless otherwise specified.
- Issue: Identical addresses cause all fixtures to respond as one—changing colors simultaneously.

Solution: Assign unique DMX addresses to each fixture during programming or via RDM tools to enable independent or grouped control.

Termination Resistors

To prevent signal interference (crosstalk) between fixtures:

- Ligman supplies 120-ohm termination resistors.
- Install inside the last fixture or at its J-Box. – (Resistor will be factory installed on most fixtures, Some will require installation Onsite Depend-ent Upon Fixture and Type.) - Connect between DMX+ and DMX- signal lines.

System Design Guidelines

Fixture Count

- On 3 or More Fixtures: A terminating resistor is installed at the end of the run.

On 5 or More Fixtures: Ligman may request additional layout details to validate system integrity.

Fixtures with Dual DMX Addresses require more DMX channels, reducing the number of fixtures per run. (Refer to technical drawings for specifics.)

- Maximum Distance Without Booster: 984 ft (300 m) from the controller.

Beyond This Limit: DMX/RDM splitters or boosters are required.

Custom Layouts

For non-standard RGBW configurations, Ligman requires:

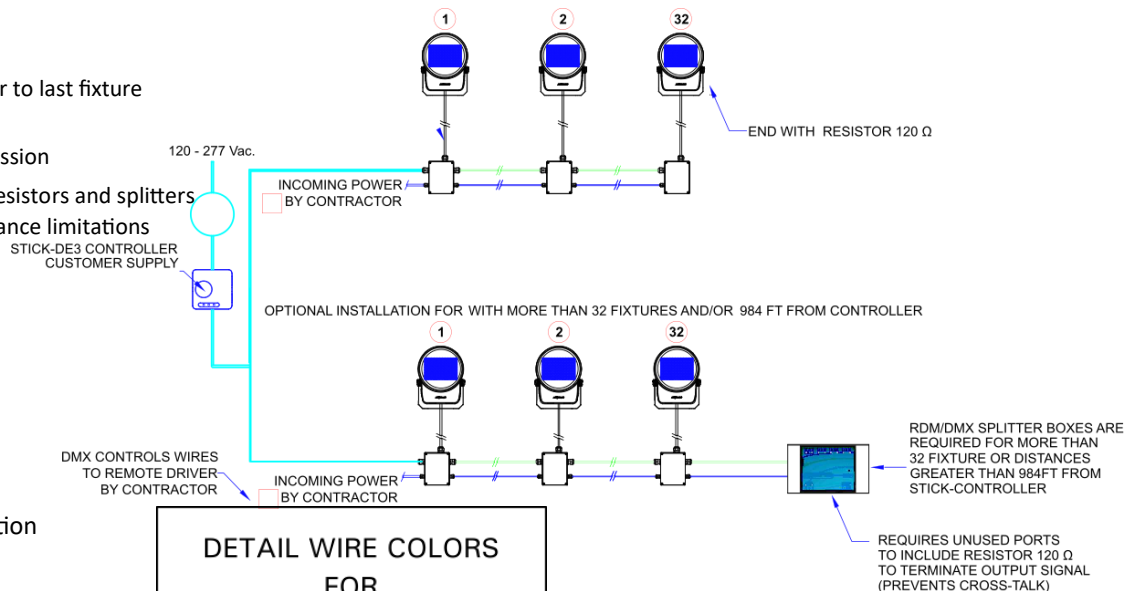
- Fixture quantity per run
- Distance between fixtures

Total cable length from controller to last fixture

This ensures:

- Reliable DMX signal transmission
- Proper use of termination resistors and splitters

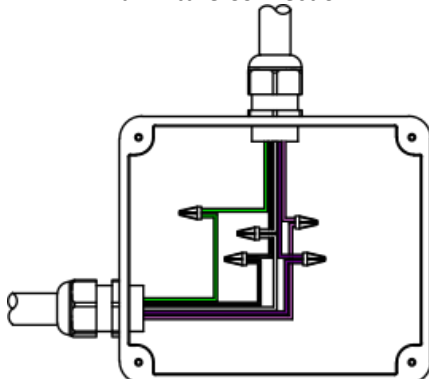
Compliance with fixture and distance limitations



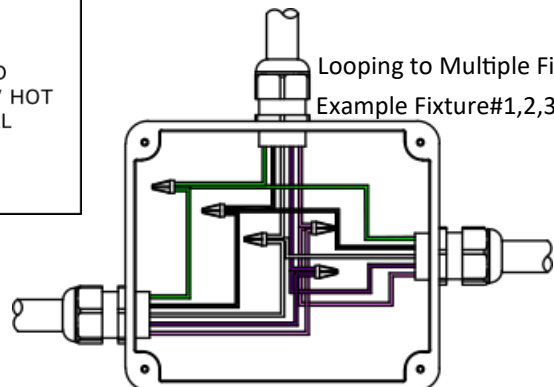
Single Fixture Connection

Or

Final Fixture Connection



Looping to Multiple Fixtures
Example Fixture#1,2,3,4,ect.





STICK-DE3

The feature rich lighting controller has been designed to provide a control solution for the most demanding of projects, whilst maintaining an easy to use panel of touch sensitive buttons. The controller integrates a graphical color screen allowing scene photos to be displayed. Easily view the selected zone, scene name and design without the need to navigate through complex menus. Change the speed, color and dimmer using the circular palette.

The lighting levels, color and effects can be programmed from a PC, Mac, Android, iPad or iPhone using the included software.



Stick-DE3



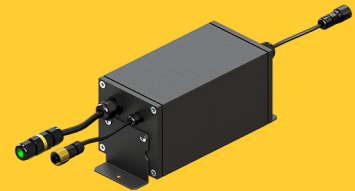
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RDM DMX Splitters

The RDM (Remote Device Management) is a 4 port DMX512 Splitter compatible with the RDM standard to provide DMX output to luminaires and other devices. DMX splitters are an essential requirement for most control systems, allowing multiple separate cable runs from a single DMX output and ensuring electrical isolation.

DMX Splitter / Booster - Remote IP65 Box

DMX/RDM Splitter, within an IP65 box with 1 channel output, is a digital signal distributor is used with DMX512-A and ANSI E1.20 RDM. 1-port, DMX/RDM isolated splitter engineered to take any architectural, commercial, or entertainment project to the next level. Multiple DMX/RDM Splitter can be chained together to create as many outputs as you need.



RDM - DMX Repeater

The RDM (Remote Device Management) is a 4 port DMX512 Splitter compatible with the RDM standard to provide DMX output to luminaires and other devices. DMX splitters are an essential requirement for most control systems, allowing multiple separate cable runs from a single DMX output and ensuring electrical isolation.

Light Linear LA Product Family



Light Linear LA 1

- ULA-60001-28w-2847lm [25.7"]
- ULA-60003-8w-2566lm [25.7"] [ASYM]
- ULA-60002-57w-5703lm [49.2"]
- ULA-60004-57w-5140lm [49.2"] [ASYM]



Light Linear LA 2

- ULA-60013-33w-1916lm [25.7"]
- ULA-60014-66w-3839lm [49.2"]



Light Linear LA 3

- ULA-95001-28w-2847lm [23.8"]
- ULA-95002-55w-5703lm [47.2"]



Light Linear LA 4

- ULA-95021-28w-2847lm [23.8"]
- ULA-95022-55w-5703lm [47.2"]



Light Linear LA 6

- ULA-30001-28w-2847lm [23.8"]
- ULA-30002-55w-5703lm [47.2"]



Light Linear LA 7

- ULA-30013-33w-3948lm [23.8"]
- ULA-30014-66w-4043lm [47.2"]



Light Linear LA 8

- ULA-30021-28w-2847lm [23.8"]
- ULA-30022-55w-5703lm [47.2"]



Light Linear LA 9

- ULA-40001-28w-2847lm [25.7"]
- ULA-40002-57w-5703lm [49.2"]



Light Linear LA 10

- ULA-40013-33w-3948lm [25.7"]
- ULA-40014-66w-4043lm [49.2"]