

ULA-30013

Light Linear LA 7 RGBW Surface Floodlight



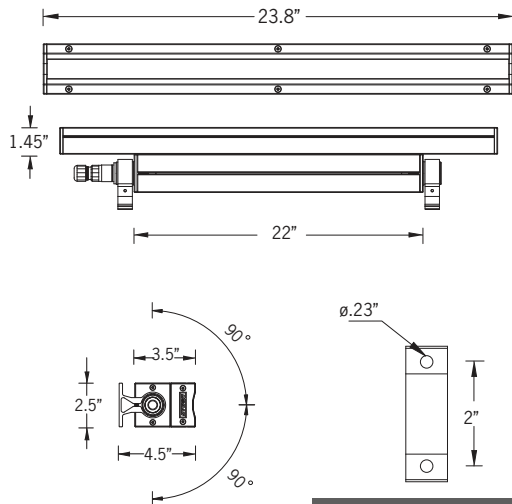
RGBW

33w LED 2018 Lumens

IP65 • Suitable For Wet Locations

IK10 • Impact Resistant (Vandal Resistant)

Weight 8.3 lbs

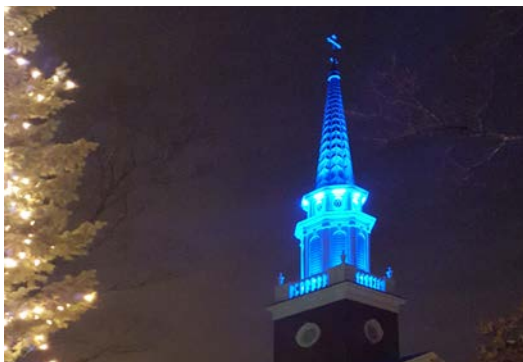


Mounting Detail



Continuous Row Mounting

(Waterproof wiring gland configuration must be specified)



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.

BVG Rating

B0 - U5 - G0

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.

Inspired by Nature Finishes

The Inspired by nature Finishing is a unique system of decorative powder coating. Our metal decoration process can easily transform the appearance of metal or aluminum product into a wood grain finish.

This patented technology enables the simulation of wood grain, and even marble or granite finish through the use of decorative powder coating.

The wood grain finish is so realistic that it's almost undistinguishable from real wood, even from a close visual inspection. The system of coating permeates the entire thickness of the coat and as a result, the coating cannot be removed by normal rubbing, chipping, or scratching.

The Coating Process

After pre-treatment the prepared parts are powder coated with a specially formulated polyurethane powder. This powder provides protection against wear, abrasion, impact and corrosion and acts as the relief base color for the finalized metal decoration.

The component is then wrapped with a sheet of non-porous film with the selected decoration pattern printed on it using special high temperature inks.

This printed film transfer is vacuum-sealed to the surface for a complete thermo print and then transferred into a customized oven. The oven transforms the ink into different forms within the paint layer before it becomes solid. Finally, the film is removed, and a vivid timber look on aluminum remains.

Wood grain coating can create beautiful wood-looking products of any sort. There are over 300 combinations of designs currently in use. Wood grains can be made with different colors, designs, etc.

Our powder coatings are certified for indoor and outdoor applications and are backed by a comprehensive warranty. These coatings rise to the highest conceivable standard of performance excellence and design innovation.

Added Benefits

- Resistance to salt-acid room, accelerated aging
- Boiling water, lime and condensed water resistant
- Anti-Graffiti, Anti-Slip, Anti-Microbial, Anti-Scratch
- Super durable (UV resistant)
- TGIC free (non-toxic)

Hardware

Provided Hardware is 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

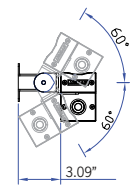
Efficient quality linear fixture portfolio. Coordinated grazing-floodlight range with multiple optics and component options.

Light Linear LA 6 wall wash or wall grazing floodlight family is designed as a perfect solution for color changing applications, as well as static color for architectural structures, wall grazing, column lighting and linear floodlighting. This high performance luminaire, with superior optic design is suitable for many applications including commercial, historic or modern architectural interiors and exteriors.

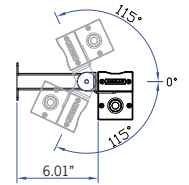
Two different lengths, 2' and 4' allow the luminaire installation to be tailored exactly to the architectural structure. Luminaires can be installed end to end, without any gaps or shadows in the lighting design. An integral driver is provided, however this product can be supplied with remote driver applications, please contact the factory for more details.

Light Linear LA is available in 2700K, 3000K, 3500K and 4000K, as well as RGBW. This linear line is also provided in Inground, Recessed wall and Pendant, see Ligman website

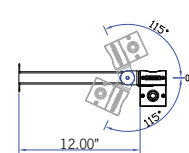
Additional Options (Consult Factory For Pricing)



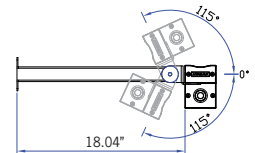
ADJ3 - 3' Extended Arm



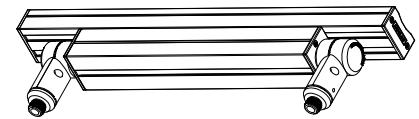
ADJ6 - 6' Extended Arm



ADJ12 - 12' Extended Arm



ADJ18 - 18' Extended Arm



TKM - Threaded Knuckle Mount



A64691
TPC Touch Screen
and Controller DMX 2
[Pharos]



A68391
STICK-DE3
[Nicolaudie]



A64491
TPC Touch Screen
and Controller DMX
[Pharos]



A64591
POE Connect
[Pharos]



A66991
LPCX Lighting
Playback Controller X
[Pharos]



A64791
RDM DMX Splitter
[Pharos]



A65191
TPC Touch Panel
Station
[Pharos]



A65391
EDN Ethernet
Data Node
[Pharos]



A64991
CLOUD
[Pharos]

PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || ULA - 30013 - 33w LED - N - RGBWW30 - 02 - 120/277v

ULA-30013					
	LAMP	BEAM	RGBW COLOR	FINISH COLOR	VOLTAGE
	33w LED 2018 Lumens	VN - Very Narrow 10° N - Narrow 13° M - Medium 24° W - Wide 43° E - Elliptical 16° x 35°	RGBW30 - Warm White 3200K RGBW40 - Neutral White 4000K RGBW65 - Cool White 6850K	01 - BLACK RAL 9011 02 - DARK GREY RAL 7043 03 - WHITE RAL 9003 04 - METALLIC SILVER RAL 9006 05 - MATTE SILVER RAL 9006 06 - LIGMAN BRONZE 07 - CUSTOM RAL	120/277v Other - Specify

				INSPIRED BY NATURE FINISHES SW01 - OAK FINISH SW02 - WALNUT FINISH SW03- PINE FINISH DF - DOUGLAS FIR FINISH CW - CHERRY WOOD FINISH NW - NATIONAL WALNUT FINISH SU01 - CONCRETE FINISH SU02 - SOFTSCAPE FINISH SU03 - STONE FINISH SU04 - CORTEN FINISH THERE IS AN ADDITIONAL COST FOR THESE FINISHES
ADDITIONAL OPTIONS				
F - Frosted Lens	ADJ3 - 3" Extended Arm			
DIM - 0-10v Dimming	ADJ6 - 6" Extended Arm			
NAT - Natatorium Rated	ADJ12 - 12" Extended Arm			
TKM - Threaded Knuckle Mount	ADJ18 - 18" Extended Arm			
A64791 - RDM DMX Splitter	A68391 - STICK-DE3			
A65191 - TPC Touch Panel	A64491 - TPC + DMX Controller			
A65391 - EDN Ethernet Data Node	A64591 - POE Connect			
A66991 - LPCX Lighting Playback	A64691 - TPC + DMX 2			
A64991 - CLOUD				

More Custom Finishes Available Upon Request

Consult factory for pricing and lead times



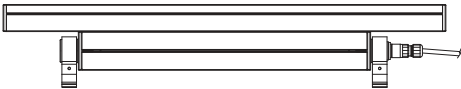
CABLE GLAND

Ligman supplies this luminaire with 3ft of cable to connect to power and where specified controls. [Additional cable lengths can be provided and should be specified]

It is important to identify what configuration is required for the installation [One Gland or Two Gland Units]
A waterproof cable connector can be provided and should be ordered as an optional extra

1GL

Specify Quantity



1GL - One Gland for Single Fixture and End Installation

CNCT

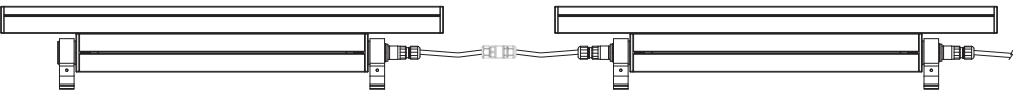
Specify Quantity



Optional
CNCT - Waterproof Cable Connector

2GL

Specify Quantity



2GL - Two Gland for Continuous Row Mounting

EXTRA CABLE LENGTH

Specify Cable Length in Feet

Custom lengths can be provided
as an option [contact factory for pricing]

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:

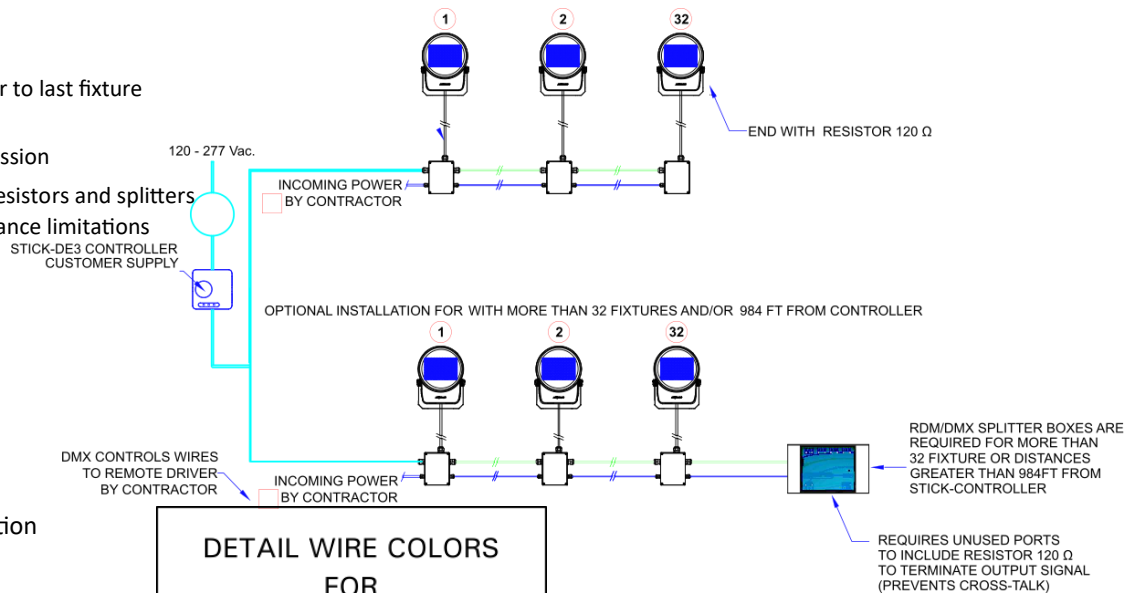
- Fixture quantity per run
- Distance between fixtures

Total cable length from controller to last fixture

This ensures:

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

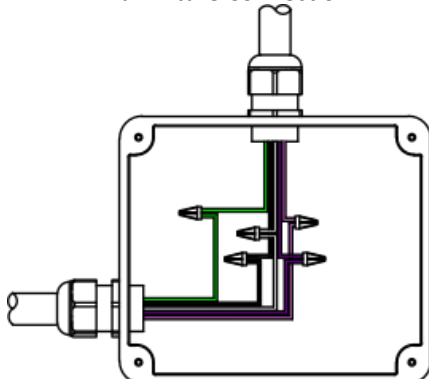
Compliance with fixture and distance limitations



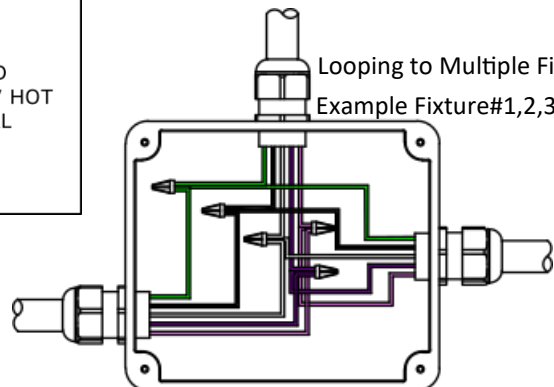
Single Fixture Connection

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



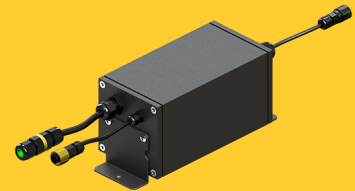
A64791

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
- ULA-60002-57w-5703lm
- ULA-60003-28w-2566lm [Asymmetric]
- ULA-60004-57w-5140lm [Asymmetric]



Light Linear LA 2

- ULA-60013-33w-1916lm
- ULA-60014-66w-3839lm



Light Linear LA 3

- ULA-95001-28w-2847lm
- ULA-95002-55w-5703lm



Light Linear LA 4

- ULA-95021-28w-2847lm
- ULA-95022-55w-5703lm



Light Linear LA 6

- ULA-30001-28w-2847lm
- ULA-30002-55w-5703lm



Light Linear LA 7

- ULA-30013-33w-2018lm
- ULA-30014-66w-4043lm



Light Linear LA 8

- ULA-30021-28w-2847lm
- ULA-30022-55w-5703lm



Light Linear LA 9

- ULA-40001-28w-2847lm
- ULA-40002-57w-5703lm



Light Linear LA 10

- ULA-40013-33w-3948lm
- ULA-40014-66w-4043lm