

UMI-50384

Mic 3 Medium RGBW Floodlight

LIGMAN
LIGHTING USA



RGBW

33w LED 1536 Lumens
IP65 • Suitable For Wet Locations
IK07 • Impact Resistant
Weight 8.6 lbs

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 - U0 - 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.

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

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

Adjustable fixed-base spotlight family.
Popular identity, available in four casting sizes and various mounting, shielding and control options.

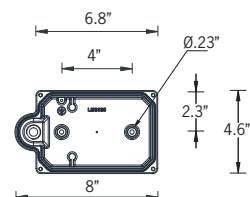
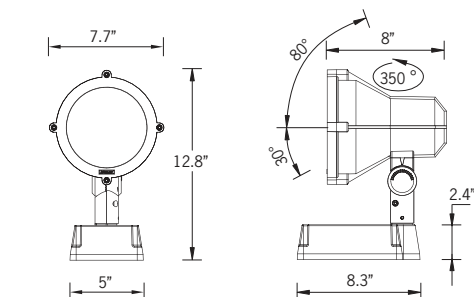
A small medium and large range of floodlights designed to use high power LEDs. This luminaire has specialized optics that have been designed by Ligman, in conjunction with internationally recognized optic designers to provide excellent light control, beam distribution and intensities by focusing each optic around the small LEDs to provide perfect focus and distribution.

This luminaire can be provided with a variety of anti-glare and light control attachments. The aim and lock feature provides a sturdy mechanism that allows for precise fixture aiming and locking into position.

The waterproof driver box is situated at the bottom of the luminaire and has all the necessary gasketing to ensure a water tight compartment for drivers and wiring. This fixture is provided with a specially designed internal waterproof gland for incoming power.

The fixture is suitable for mounting on walls, concrete surfaces and is also available with a ground spike. These floodlights are designed to illuminate plants, architectural details and sign boards.

Additional Options (Consult Factory For Pricing)



Mounting Detail



LSL
Linear Spread
Lens



A68391
STICK-DE3
[Nicolaudie]



A64491
TPC Touch Screen
and Controller DMX
[Pharos]



A64591
POE Connect
[Pharos]



A64691
TPC Touch Screen
and Controller DMX 2
[Pharos]



A64791
RDM DMX Splitter
[Pharos]



A65191
TPC Touch Panel
Station
[Pharos]



A65391
EDN Ethernet
Data Node
[Pharos]



A66991
LPCX Lighting
Playback Controller X
[Pharos]



A64991
CLOUD
[Pharos]

PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || UMI - 50384 - 33w - N - RGBW30 - 02 - 120/277v - Options

UMI-50384					
	LAMP	BEAM	RGBW COLOR	FINISH COLOR	VOLTAGE
	33w LED 1536 Lumens	N - Narrow 20° M - Medium 35° E - Elliptical 26°x48°	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

ADDITIONAL OPTIONS			

- A50231 - Anti Glare Visor

A51631 - Antie Glare Hood

S20LGS - Large Ground Spike 20"

CRL - Concentric Ring Louvre
- LSL - Linear Spread Louvre

HEX - Hexcell Louvre

F - Frosted Lens

DIM - 0-10v Dimming
- TS - Tree Strap

NAT - Natatorium Rated

AMB - Turtle Friendly Amber LED

* Anti Glare Hood and Anti Glare Visor can't be combined, choose one

- A68391 - STICK-DE3

A64491 - TPC + DMX Controller

A64591 - POE Connect

A64691 - TPC + DMX 2
- A64791 - RDM DMX Splitter

A65191 - TPC Touch Panel

A65391 - EDN Ethernet Data Node

A66991 - LPCX Lighting Playback

A64991 - CLOUD



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:

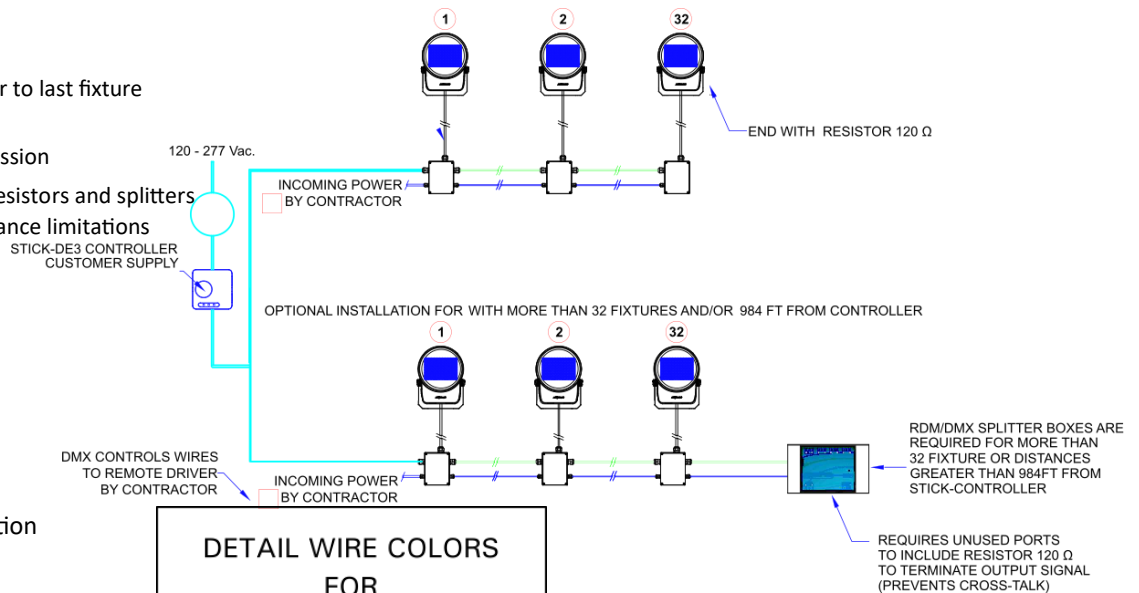
- Fixture quantity per run
- Distance between fixtures

Total cable length from controller to last fixture

This ensures:

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

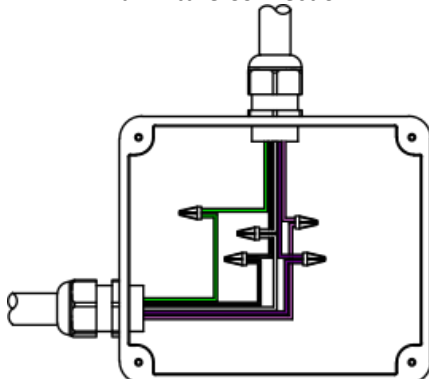
Compliance with fixture and distance limitations



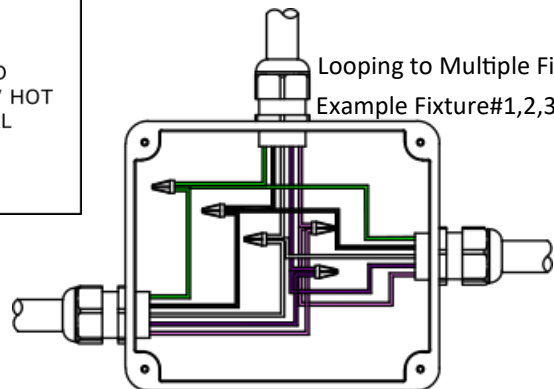
Single Fixture Connection

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



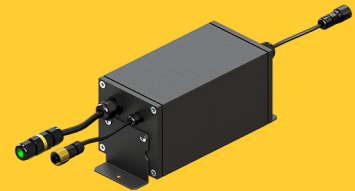
A64791

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.

Mic Product Family



Mic 1

- UMI-50371-13w-1099lm
- UMI-50373-20w-2064lm
- UMI-50375-21w-1798lm



Mic 3

- UMI-50381-29w-3081lm
- UMI-50383-38w-4265lm
- UMI-50385-33w-3230lm
- UMI-50384-33w RGBW-1536lm



Mic 5

- UMI-50391-38w-4172lm
- UMI-50393-51w-6140lm



Mic 2

- UMI-50411-13w-1025lm
- UMI-50413-21w-2064lm
- UMI-50415-21w-1798lm



Mic 4

- UMI-50421-29w-3081lm
- UMI-50423-38w-4144lm
- UMI-50425-33w-3230lm



Mic 6

- UMI-50431-38w-4172lm
- UMI-50433-51w-6140lm



Mic 7

- UMI-50441-13w-1025lm
- UMI-50443-21w-2022lm
- UMI-50445-21w-1798lm



Mic 8

- UMI-50451-29w-3081lm
- UMI-50453-38w-4144lm
- UMI-50455-33w-3230lm



Mic 9

- UMI-50461-38w-4172lm
- UMI-50463-51w-6140lm



Mic 3 Cluster

- UMI-21051-6x29w-6x3081lm
- UMI-21052-6x38w-6x4144lm
- UMI-21053-6x33w-6x3230lm