LIGMAN LIGHTING USA

RGBW

- 10w LED - 520 Lumens
- IP68• Suitable For Wet Locations
- IK07 • Impact Resistant (Vandal Resistant)
- Weight 2 lbs

Construction

Stainless Steel
Marine grade 316 stainless steel body

Luminaire Housing & Bracket
Marine grade 316 Stainless steel.

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.

Hardware
Provided Hardware is Marine grade 316 Stainless steel.

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)
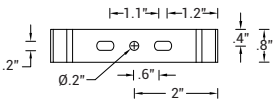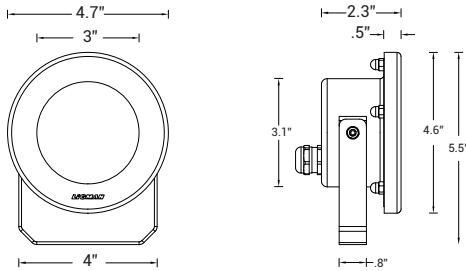
Maximum Delivered Output Lumens 520 (RGBW 4000K output, Narrow Beam)

High performing adjustable, surface mounted underwater spotlight range. The complete professional underwater system offering RGBW options and extensive source and optic combinations.

A high powered compact surface mounted LED underwater projector for lighting small ponds, waterfalls and water jets. The floodlight must be submerged when operating. Stainless steel grade 316 body, stainless steel screws. Cable entry PG.11 cable gland supplied with 7ft of outdoor submersible #18/3 SOOW 600v power cable. Durable high temperature memory retentive silicon gasket and clear tempered vandal resistant glass. Remote 24v constant voltage driver required to be installed by others. Driver output voltage to be determined depending on quantity of luminaires connected in parallel.

Color temperature 2700K, 3000K, 3500K and 4000K, LED CRI >80 and life time 50,000 Hours.
A variety of beam spreads are available to suit the application requirements. Maximum depth 6.5'.

Remote driver is included and required to be installed by others. Remote IP gear box by contractor. This luminaire is constant voltage and needs connecting in parallel.

Mounting Detail

Dimensions: 4.7", 3", 4", 2.3", .5", 3.1", 4.6", 5.5", .8"

Mounting Detail dimensions: 1.1", 1.2", .4", .8", .2", Ø.2", .6", 2"

Additional Options (Consult Factory For Pricing)

A80191	A80291
3" x 10" Remote Enclosure Box	4" x 10" Remote Enclosure Box

A52321
Honeycomb Louvre

A68391 STICK-DE3 [Nicolaudie]	A64491 TPC Touch Screen and Controller DMX [Pharos]	A64591 POE Connect [Pharos]	A65391 EDN Ethernet Data Node [Pharos]

A64691 TPC Touch Screen and Controller DMX 2 [Pharos]	A64791 RDM DMX Splitter [Pharos]	A65191 TPC Touch Panel Station [Pharos]

A66991 LPCX Lighting Playback Controller X [Pharos]	A64991 CLOUD [Pharos]

UFUN-50012

Funen 2 Underwater Luminaire (Constant Voltage)

LiGMAN LIGHTING USA

PROJECT		DATE	
QUANTITY		**TYPE**	**NOTE**	

ORDERING EXAMPLE || UFUN- 50012 - 10w - W - RGBW30 - 120/277v

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UFUN-50012				

LAMP	**BEAM**	**RGBW COLOR**	**VOLTAGE**
10w LED	N - Narrow 13°	RGBW30 - Warm White 3200K	120/277v
520 Lumens	M - Medium 19°	RGBW40 - Neutral White 4000K	Other - Specify
	W - Wide 32°	RGBW65 - Cool White 6850K	
	VW - Very Wide 71°		
	E - Elliptical 13° x 42°		

ADDITIONAL OPTIONS

A80191 - 3"x10" Remote Driver Enclosure Box	A68391 - STICK-DE3	A64791 - RDM DMX Splitter
A80291 - 4"x10" Remote Driver Enclosure Box	A64491 - TPC + DMX Controller	A65191 - TPC Touch Panel
A52321 - Honeycomb Louvre	A64591 - POE Connect	A65391 - EDN Ethernet Data Node
CBL - Custom Cable Length [Specify]	A64691 - TPC + DMX 2	A66991 - LPCX Lighting Playback
		A64991 - CLOUD

ETL
Intertek

LIGMAN
LIGHTING   USA

pharos®

TPC Touchscreen & EXT Controller DMX & DALI 1 Universe

The TPC (Touch Panel Controller) is an elegant touch screen lighting controller with a customisable, 4.3" capacitive touch panel, 512 channels of eDMX output and vast interfacing potential, all over a single Power-over-Ethernet (PoE) network connection.

The EXT is an extension for the Pharos TPC and together they form a standalone, mainspowered lighting controller with versatile output and show control options. The EXT provides local DMX and DALI output for the TPC, as well as power and other hardware interfaces.

A64491

TPC Touchscreen & LPC Controller DMX 2 Universe

The LPC (Lighting Playback Controller) is an all-in-one control solution for themed entertainment and LED lighting installations. It features individually controllable and independently running timelines and scenes. Supported fixtures include LEDs in any configuration (RGB, RGBW, tunable white), moving heads, yokes or scanners and fountain jets. Output includes DMX512, Art-Net, DALI & RDM.

A64691

POE Connect

The POE (Power-over-Ethernet Switch) provides a simple power and networking solution for four Power-over-Ethernet devices with two separate Ethernet uplink ports. It is perfect for connecting power and data between Pharos Controllers and Pharos Remote Devices.

A64591

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.

A64791

TPS Touch Panel Station

The Pharos TPS (Touch Panel Station) is an elegant interface with a customizable, 4.3" capacitive touch screen, that works with any Pharos Controller

A65191

CLOUD

The CLOUD makes it easy to achieve remote control and management which is truly remote and totally secure.

Once connected, users can adjust hardware settings remotely, schedule tasks, control multiple projects, view system status, set remote user permissions, and more; through a standard internet connection without any additional hardware.

A64991

LPCX Lighting Playback Controller X

The Pharos LPC X (Lighting Playback Controller X) offers an extreme level of power and integration, making it an ideal solution for landmark lighting installations with significant channel counts. It integrates with the full range of Pharos products and offers an optional real-time video input
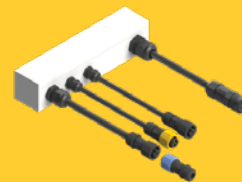
A66991

EDN Ethernet Data Node

The Pharos EDN (Ethernet Data Node) is a convenient and scalable solution, providing cost-effective Ethernetdistributed DMX ports for large control projects. The EDN is an easily configurable networking node that is specifically designed to add physical DMX ports to Pharos Controllers and integrates natively with the full Pharos range.

Extremely compact, it packs up to 20 DMX512 output ports into a 1U 19" form factor. For higher port count installations, nodes can be daisy-chained to provide as many physical DMX ports as you need.

EDNs are discoverable through Pharos Designer software and associated to a Controller to be seamlessly configured as part of your patch. Ports can be flexibly assigned to any controller in your project providing an elegant data distribution solution over an Ethernet network with minimal setup required.

A65391

DMX/RDM Decoder - 24 VDC - Remote IP65 Box

• Control mode: RGBW / RGB / Custom / Dimming
• Compatible with DMX protocol (ANSI E1.11) and RDM function (ANSI E1.20)
• Output power: 33 W x 4 Channels (132 W max)
• Input voltage: 12-36 VDC
• Output voltage: 7.5-33 VDC

A67091

LIGMAN LIGHTING USA

NICOLAUDIE ARCHITECTURAL

SLESA-U9

The Nicolaudie SLESA-U9 is a standalone USB based DMX256 lighting controller with 20 scenes and 1 zone. This simple and reliable control allows dynamic lighting scenes to be programmed quickly and easily through the ESA2 software for uninterrupted independent operation.

A60491

SLESA-U11

The Nicolaudie SLESA-U11 is a standalone engine (NSA) offering incredible power based DMX2048+ lighting controller with 99 scenes 5 zones, extended triggers and 16-bit channels management. Intuitive backlit keyboard with 10 presets and zone selection. Lighting scenes can be programmed quickly and easily through ESAPRO2 software via USB or Ethernet connection and mobile applications.

A66891

DMX Splitter & Amplifier in IP Box

Digital signal distributor is used with DMX512 digital lighting control signal for amplification and 2 channel distribution output. Each input/output interface adopts high voltage isolation technology, applied to DMX512 signal via remote transmission attenuation after the plastic amplification processing. Complete electrical isolation is used between the input interface and the distribution between output interface.

A63991

DINA-DR MICRO DMX Lighting Controller & Power Adapter

The DINA-DR MICRO is the perfect standalone lighting controller for simple DMX installations. It offers an affordable and programmable solution to replace automatic controllers.

Delivered with a DIN rail adapter, the DINA-DR MICRO can be mounted in an electrical cabinet and affords significant ease of installation.

Create your static or dynamic lighting scenes with ESA Pro 2 software and upload them to the DINA-DR MICRO through its USB connection. Specifications: 10 scenes, 1 zone, 60 channels.

A67291

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

A68391

Funen Product Family

* (CV) - Constant Voltage

Funen 1

- UFUN-50002-4w-170lm (RGBW)
- UFUN-50003-4w-358lm (CV)

Funen 2

- UFUN-50012-10w-520lm (RGBW)
- UFUN-50013-8w-984lm (CV)

Funen 3

- UFUN-50022-15w-1133lm (RGBW)
- UFUN-50023-19w-2319lm (CV)

Funen 4

- UFUN-50032-20w-1929lm (RGBW)
- UFUN-50033-32w-4038lm (CV)