

# UOD-2105 ← Last Digit Signifies Wattage (See Below)

## Odessa 20 Large Single Side Cluster Column

**LIGMAN**  
LIGHTING USA



UOD-21053  
3x33w RGBW - 3x1432lm

UOD-21057  
3x45w RGBW - 3x1669lm

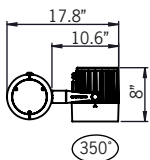
IP65  
Suitable for wet locations

IK04  
Impact Resistant [Vandal Resistant]

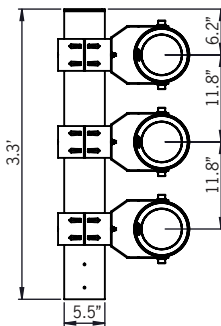
Weight 58 lbs

POLE NOT INCLUDED

RGBW



Top View



\* For pole requirements, please refer to pole section on Ligman USA website.

### Construction

#### Aluminum Casting

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

Contact Factory

#### 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 column stylish projector cluster solution. Flexible project solutions in symmetrical cluster arrangements utilising the naturally beautiful and unique contemporary Odessa projector range.**

The Odessa family of floodlights have a modern aesthetic design and are available as a surface mounted floodlight cluster with adjustable pole clamp settings. Each individual floodlight can be specified with different beam distributions, as well as wattages if necessary to provide the perfect lighting solution for any environment.

The floodlights can be aimed in different directions to highlight specific features or elements in the environment, as well as provide security when illuminating dark areas on campuses and parks. This small and medium range of high performance LED floodlight luminaires provides a robust design for demanding applications such as; recreational areas, public spaces and architectural structures.

The luminaire has integrated heat sinks to facilitate LED cooling, as well as an integral driver. The Odessa is available in Narrow, Medium, Wide and Very Wide light distributions. Color temperature 2700K, 3000K, 3500K and 4000K. Luminaire has optional accessories, such as visors, louvers and linear spread lenses.

The Odessa Cluster is highly flexible and lends itself to custom configurations.

For non standard fixture variations, as well as specific reflector requirements and dichroic filters, please contact the factory.

- The Odessa floodlight is available as an event pole attachment see Odessa Cluster.
- The fixture quantity, type and configuration is flexible, please contact factory for more options.

### Additional Options (Consult Factory For Pricing)



A54431  
Anti Glare Visor



A51814  
Linear Spread



A54531  
Anti Glare Louvre



A54121  
Honeycomb Louvre



A68391  
STICK-DE3  
[Nicolaudio]



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]



A66991  
LPCX Lighting  
Playback Controller X  
[Pharos]



A64991  
CLOUD  
[Pharos]



A65391  
EDN Ethernet  
Data Node  
[Pharos]

UOD-2105  ← Last Digit Signifies Wattage (See Below)



Odessa 20 Large Single Side Cluster Column

|          |  |      |  |      |  |
|----------|--|------|--|------|--|
| PROJECT  |  |      |  | DATE |  |
| QUANTITY |  | TYPE |  | NOTE |  |

ORDERING EXAMPLE || UOD-21053 - 3x33w - N - RGBW30 - 03 - 120/277v

| UOD-2105X |                             |                                              |                                                                                        |                                                                                                                                                                               |                             |
|-----------|-----------------------------|----------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
|           | LAMP                        | BEAM                                         | LED COLOR                                                                              | FINISH COLOR                                                                                                                                                                  | VOLTAGE                     |
| UOD-21053 | 3x33w RGBW<br>3x1432 Lumens | N - Narrow Beam 20 °<br>M - Medium Beam 34 ° | RGBW30 - Warm White 3200K<br>RGBW40 - Neutral White 4000K<br>RGBW65 - Cool White 6850K | 01 - BLACK RAL 9011<br>02 - DARK GREY RAL 7043<br>03 - WHITE RAL 9003<br>04 - METALLIC SILVER RAL 9006<br>05 - MATTE SILVER RAL 9006<br>06 - LIGMAN BRONZE<br>07 - CUSTOM RAL | 120/277v<br>Other - Specify |
| UOD-21057 | 3x45w RGBW<br>3x1669 Lumens | E - Elliptical Beam 24 ° x 49 °              |                                                                                        |                                                                                                                                                                               |                             |

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

| ADDITIONAL OPTIONS        |                             |                               |                                 |
|---------------------------|-----------------------------|-------------------------------|---------------------------------|
| DIM - 0-10v Dimming       | A51814 - Linear Spread Lens | A68391 - STICK-DE3            | A64791 - RDM DMX Splitter       |
| NAT - Natatorium Rated    | A54531 - Anti Glare Louvre  | A64491 - TPC + DMX Controller | A65191 - TPC Touch Panel        |
| A54431 - Anti Glare Visor | A54121 - Honeycomb Louvre   | A64591 - POE Connect          | A65391 - EDN Ethernet Data Node |
|                           |                             | A64691 - TPC + DMX 2          | A66991 - LPCX Lighting Playback |
|                           |                             |                               | A64991 - CLOUD                  |





## 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.

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## 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.

## 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.

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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.

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## 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

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## 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.

## 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



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## EDN Ethernet Data Node

The Pharos EDN (Ethernet Data Node) is a convenient and scalable solution, providing cost-effective Ethernet distributed 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.

## 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



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## 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.

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## 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.



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## 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.

## 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**

# Odessa Product Family



Odessa 1

- UOD-80001-21w-1688lm
- UOD-80002-11w-816lm



Odessa 2

- UOD-80011-36w-3458lm
- UOD-80012-27w-2005lm



Odessa 1

- UOD-50001-21w-1688lm
- UOD-50002-11w-816lm



Odessa 2

- UOD-50011-36w-3458lm
- UOD-50011-40w-3695lm
- UOD-50011-43w-4042lm
- UOD-50012-27w-2005lm



Odessa 1

- UOD-50051-21w-1688lm
- UOD-50052-11w-816lm



Odessa 2

- UOD-50061-36w-3458lm
- UOD-50061-40w-3695lm
- UOD-50061-43w-4042lm
- UOD-50062-27w-2005lm



Odessa 1

- UOD-50071-21w-1688lm
- UOD-50072-11w-816lm



Odessa 2

- UOD-50081-36w-3458lm
- UOD-50081-40w-3695lm
- UOD-50081-43w-4042lm
- UOD-50082-27w-2005lm



Odessa 1

- UOD-30001-3x21w-3x1673lm
- UOD-30002-3x11w-3x816lm



Odessa 2

- UOD-30011-3x36w-3x3326lm
- UOD-30011-3x40w-3x3695lm
- UOD-30011-3x43w-3x4042lm
- UOD-30012-3x27w-3x2005lm



Odessa 1

- UOD-21001-3x21w-3x1673lm
- UOD-21002-6x21w-6x1673lm
- UOD-21003-3x11w-3x816lm
- UOD-21004-6x11w-6x816lm



Odessa 2

- UOD-21011-3x36w-3x3326lm
- UOD-21011-3x40w-3x3695lm
- UOD-21011-3x43w-3x4042lm
- UOD-21012-6x36w-6x3326lm
- UOD-21012-6x40w-6x3695lm
- UOD-21012-6x43w-6x4042lm
- UOD-21013-3x27w-3x2005lm
- UOD-21014-6x27w-6x2005lm



Odessa 2

- UOD-21021-4x36w-3x3326lm [13°]
- UOD-21023-4x36w-3x3326lm [20°]
- UOD-21025-4x36w-3x3326lm [26°]
- UOD-21026-4x28w-3x2005lm [13°]
- UOD-21027-4x28w-3x2005lm [20°]
- UOD-21028-4x28w-3x2005lm [26°]



Odessa 2

- UOD-21031-4x36w-3x3326lm [15°]
- UOD-21033-4x36w-3x3326lm [22°]
- UOD-21035-4x36w-3x3326lm [28°]
- UOD-21036-4x28w-3x2005lm [13°]
- UOD-21037-4x28w-3x2005lm [20°]
- UOD-21038-4x28w-3x2005lm [26°]



Odessa 11

- UOD-50131-70w-8038lm
- UOD-50132-55w-6310lm
- UOD-50133-55w-6890lm
- UOD-50134-50w-5433lm



Odessa 12

- UOD-50141-60w-5000lm
- UOD-50142-33w RGBW-1432lm
- UOD-50143-44w RGBW-1909lm



Odessa 13

- UOD-50151-70w-8038lm
- UOD-50152-55w-6310lm
- UOD-50153-55w-6890lm
- UOD-50154-50w-5433lm



Odessa 14

- UOD-50161-60w-5000lm
- UOD-50162-33w RGBW-1432lm
- UOD-50163-44w-3665lm
- UOD-50164-44w RGBW-1910lm



Odessa 15

- UOD-50171-70w-8038lm
- UOD-50172-55w-6310lm
- UOD-50173-60w-6890lm
- UOD-50174-50w-5433lm



Odessa 16

- UOD-50181-70w-5000lm
- UOD-50182-55w RGBW-1432lm
- UOD-50183-60w-3665lm
- UOD-50184-50w RGBW-1910lm



Odessa 17

- UOD-80021-70w-8038lm
- UOD-80022-55w-6310lm
- UOD-80023-60w-6890lm
- UOD-80024-50w-5433lm



Odessa 18

- UOD-80031-60w-5000lm
- UOD-80032-33w RGBW-1432lm
- UOD-80033-44w-3665lm
- UOD-80034-44w RGBW-1910lm



Odessa 19

- UOD-21041-3x70w-3x8038lm
- UOD-21042-6x70w-6x8038lm
- UOD-21043-3x55w-3x6310lm
- UOD-21044-6x55w-6x6310lm
- UOD-21045-3x60w-3x6890lm
- UOD-21046-6x60w-6x6890lm
- UOD-21047-3x50w-3x5433lm
- UOD-21048-6x50w-6x5433lm



Odessa 20

- UOD-21051-3x60w-3x5000lm
- UOD-21052-6x60w-6x5000lm
- UOD-21053-3x33w RGBW-3x1432lm
- UOD-21054-6x33w RGBW-6x1432lm
- UOD-21055-3x44w-3x3665lm
- UOD-21056-6x44w-6x3665lm
- UOD-21057-3x44w RGBW-3x1910lm
- UOD-21058-6x44w RGBW-6x1910lm



Odessa 21

- UOD-21061-4x70w-4x8038lm [13°]
- UOD-21062-4x70w-4x8038lm [20°]
- UOD-21063-4x70w-4x8038lm [26°]
- UOD-21064-4x55w-4x6310lm [13°]
- UOD-21065-4x55w-4x6310lm [20°]
- UOD-21066-4x55w-4x6310lm [26°]
- UOD-21071-4x60w-4x6890lm [13°]
- UOD-21072-4x60w-4x6890lm [20°]
- UOD-21073-4x60w-4x6890lm [26°]
- UOD-21077-4x44w-4x3665lm [13°]
- UOD-21078-4x44w-4x3665lm [20°]
- UOD-21079-4x44w-4x3665lm [26°]



Odessa 22

- UOD-21074-4x33w-8038lm [13°]
- UOD-21075-4x33w-6310lm [20°]
- UOD-21076-4x33w-6890lm [26°]
- UOD-21101-4x44w-5433lm [13°]
- UOD-21102-4x44w-5433lm [20°]
- UOD-21103-55w-5433lm [26°]



Odessa 23

- UOD-21081-4x70w-4x8038lm [13°]
- UOD-21082-4x70w-4x8038lm [20°]
- UOD-21083-4x70w-4x8038lm [26°]
- UOD-21084-4x55w-4x6310lm [13°]
- UOD-21085-4x55w-4x6310lm [20°]
- UOD-21086-4x55w-4x6310lm [26°]
- UOD-21091-4x60w-4x6890lm [13°]
- UOD-21092-4x60w-4x6890lm [20°]
- UOD-21093-4x60w-4x6890lm [26°]
- UOD-21097-4x44w-4x3665lm [13°]
- UOD-21098-4x44w-4x3665lm [20°]
- UOD-21099-4x44w-4x3665lm [26°]



Odessa 24

- UOD-21094-4x33w RGBW-4x1432lm
- UOD-21095-4x33w RGBW-4x1432lm
- UOD-21096-4x33w RGBW-4x1432lm
- UOD-21111-4x44w RGBW-4x3665lm
- UOD-21112-4x44w RGBW-4x3665lm
- UOD-21113-4x44w RGBW-4x3665lm