

# UQA-21004

## Quantum 1 Single Side RGBW Cluster Column



**3x33w LED**  
**3x1432 Lumens**

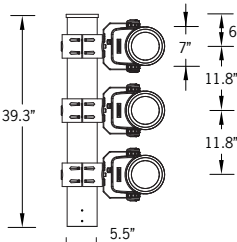
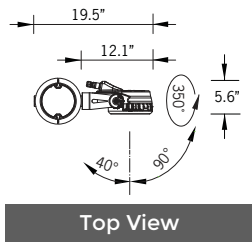
**IP66**  
Suitable for wet locations

**IK08**  
Impact Resistant [Vandal Resistant]

**Weight 82.8 lbs**

**POLE NOT INCLUDED**

RGBW



### 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.

#### BVC Rating

B3 - U1 - 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

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

**Adjustable column technical projector cluster solution.**  
**Flexible technical project solutions in attractive cluster arrangements using the Stylish premium Quantum projectors.**

Quantum small size LED cluster projectors on light column. The high pressure die-cast housings have integrated heat sinks, as well as a internal waterproof control gear housing compartment. The mounting arm is attached to a ratcheting tilting adjustment that is lockable once the desired aiming position has been achieved. 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. The luminaires are available with RGBW or static white light.

This fixture has been designed around powerful high performance LEDs and precision optics so that the luminaire can be used to illuminate various applications like parks and recreational areas, building facades, high multi-story surfaces and accents. The luminaire is provided with an integral driver and is available in Narrow, Medium, Wide and Elliptical light distributions. RGBW full color LED integration and static white with color temperatures of 2700K, 3000K, 3500K and 4000K. Cable gland entries on luminaire. Stainless steel fasteners in grade 316.

Optional louvers or visors are available upon request. Consult factory for available configurations. As a standard product this is offered in a 3 or 6 fixture configuration, however the fixture quantities, positions, watts & beam spread can be manufactured to suit designer's specifications. The Quantum Cluster adds to Ligman's comprehensive range of event pole cluster luminaires with different floodlight shapes, styles and wattages.

### Additional Options (Consult Factory For Pricing)



ACL  
Anti Glare Louvre



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 || UQA - 21004 - 3x33w LED - N - W30 - 02 - 120/277v

|                                                                                                                                                                                                                                                          |                            |                                                              |                                                                                        |                                                                                                                                                                               |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| UQA-21004                                                                                                                                                                                                                                                |                            |                                                              |                                                                                        |                                                                                                                                                                               |                                                |
|                                                                                                                                                                                                                                                          | LAMP                       | BEAM                                                         | RGBW COLOR                                                                             | FINISH COLOR                                                                                                                                                                  | VOLTAGE                                        |
|                                                                                                                                                                                                                                                          | 3x33w LED<br>3x1432 Lumens | N - Narrow 21°<br>M - Medium 35°<br>E - Elliptical 26° x 48° | 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                    |
|                                                                                                                                                                                                                                                          |                            |                                                              |                                                                                        |                                                                                                                                                                               |                                                |
| ADDITIONAL OPTIONS                                                                                                                                                                                                                                       |                            |                                                              |                                                                                        |                                                                                                                                                                               |                                                |
| DIM - 0-10v Dimming<br>NAT - Natatorium Rated<br>GFCI - GFCI Box<br>AGL - Anti Glare Louvre                                                                                                                                                              |                            |                                                              |                                                                                        |                                                                                                                                                                               |                                                |
| A68391 - STICK-DE3<br>A64491 - TPC + DMX Controller<br>A64591 - POE Connect<br>A64691 - TPC + DMX 2                                                                                                                                                      |                            |                                                              |                                                                                        |                                                                                                                                                                               |                                                |
| A64791 - RDM DMX Splitter<br>A65191 - TPC Touch Panel<br>A65391 - EDN Ethernet Data Node<br>A66991 - LPCX Lighting Playback<br>A64991 - CLOUD                                                                                                            |                            |                                                              |                                                                                        |                                                                                                                                                                               |                                                |
| INSPIRED BY NATURE FINISHES                                                                                                                                                                                                                              |                            |                                                              |                                                                                        |                                                                                                                                                                               |                                                |
| SW01 - OAK FINISH<br>SW02 - WALNUT FINISH<br>SW03 - PINE FINISH<br>DF - DOUGLAS FIR FINISH<br>CW - CHERRY WOOD FINISH<br>NW - NATIONAL WALNUT FINISH<br>SU01 - CONCRETE FINISH<br>SU02 - SOFTSCAPE FINISH<br>SU03 - STONE FINISH<br>SU04 - CORTEN FINISH |                            |                                                              |                                                                                        |                                                                                                                                                                               |                                                |
|                                                                                                                                                                                                                                                          |                            |                                                              |                                                                                        |                                                                                                                                                                               | THERE IS AN ADDITIONAL COST FOR THESE FINISHES |

More Custom Finishes Available Upon Request

Consult factory for pricing and lead times





## 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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**A64691**

## 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.



**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.

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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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**A64991**

## 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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**A65391**

## EDN Ethernet Data Node

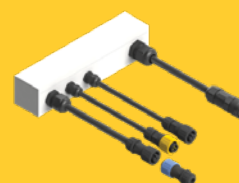
The Pharos EDN (Ethernet Data Node) is a convenient and scalable solution, providing cost-effective Ethernet distributed DMX ports for large control projects. The EDN is an easily configurable networking node that is specifically designed to add physical DMX ports to Pharos Controllers and integrates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



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## 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**

# Quantum Product Family



Quantum 1

- UQA-50001-42w-3634lm
- UQA-50003-32w-2790lm
- UQA-50004-33w RGBW-1432lm



Quantum 2

- UQA-50011-104w-10611lm
- UQA-50013-76w-7175lm
- UQA-50015-77w RGBW-4296lm



Quantum 3

- UQA-50021-269w-27436lm
- UQA-50022-191w RGBW-12213lm



Quantum 1

- UQA-21001-3x42w-3x3937lm
- UQA-21003-3x32w-3x2790lm
- UQA-21004-3x33w RGBW-3x1432lm
- UQA-21011-6x42w-6x3937lm
- UQA-21013-6x32w-6x2790lm
- UQA-21014-6x33w RGBW-6x1432lm



Quantum 2

- UQA-21021-104w-10611lm
- UQA-21023-76w-7175lm
- UQA-21024-84w-8031lm
- UQA-21031-2x104w-2x10611lm
- UQA-21033-2x76w-2x7175lm
- UQA-21034-2x84w-2x8031lm



Quantum 2

- UQA-21025-77w-4296lm
- UQA-21035-2x77w-2x4296lm



Quantum 1 - GOBO

- UQA-50001-GOBO-44w-2508lm