



PRODUCT BROCHURE



Pharos systems provide dynamic lighting control for everything from a simple indoor lighting installation to the façade lighting of a whole city, including both coloured and white lighting. The easy-to-use and adaptable controls give you the power and flexibility to meet the needs of your project.

Below are just nine key features that make us the control solution of choice for so many lighting professionals.



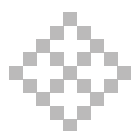
INTELLIGENT PROGRAMMING

Our intelligent Pharos Engine within our LPC family of products gives you complete control of your installation. Based on timelines and scenes, Pharos Engine lets you build dynamic, precise, fully customisable pre-programmed lighting displays, all while giving you the freedom of real-time manual overrides.



EXTENSIVE FIXTURE SUPPORT

Our fixture library has everything you could possibly need, with over 15,000 fixtures ready to download directly into our Designer 2 software. Including a huge range of varied types and modes, with additional fixtures available on request. Use any number of fixture types together, including DALI alongside DMX.



POWERFUL PIXEL MAPPING

Fine tune down to the pixel with Pharos Mapping. Use a group of lighting fixtures as an array of pixels to display media clips or stunning built-in 2D effects. Maps can be quickly auto-generated from fixture layouts, or manually modify pixel positions for ultimate control over the result.



SOPHISTICATED TRIGGERING

Timing is everything. Pharos systems respond to a wide range of stimuli, from real-time events to Ethernet messages. Pharos Trigger is a rules engine that uses a powerful conditional logic principle, to create exactly the behaviour you want, when you want it.



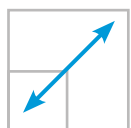
REMOTE MANAGEMENT

Manage your installation 24/7, from any device and any location, with comprehensive security and access management. A range of tools give you the access you need when and where you need it, with extensive customisation options to further tailor your management interface to be as simple or as sophisticated as you please.



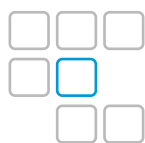
EASY INTEGRATION

Pharos controllers can react to, control or interact with other systems. Use a variety of protocols and commands to easily adapt and integrate your lighting, sound, vision, and effects. Build your own integrations with our comprehensive APIs or choose from our growing library of ready-made IO modules.



ENDLESS SCALABILITY

The right equipment for every installation, with impressive scalability. Whether it's one controller or many, it's all easily programmed via our Designer 2 software. Multiple Pharos products can be connected via Ethernet to increase the channels controlled and the number of communication ports in your project.



INTUITIVE SOFTWARE

Pharos software is straightforward to use and is free. You don't need a dongle, a specialised toolkit or a coding degree. We offer great flexibility with our software solutions, perfectly complementing the range of hardware. Simple for beginners, but powerful for experts, Pharos software gives you the tools you need for your project.



EXTREME RELIABILITY

All our controllers are engineered and manufactured in the UK, designed with 24/7 stability and reliability in mind. We are completely confident in our products, and to back this up we offer a 5-year warranty. Our hardware is fully CE and ETL compliant, and once programmed is self-sufficient, so no PC needs to be left on site.

APPLICATIONS

Pharos lighting control solutions are installed worldwide, running day and night in landmarks, theme parks, state palaces, shopping malls, art installations, churches, museums, airports, stadiums, bridges, national monuments, and more.

Pharos is a scalable system of embedded hardware, custom designed for performance and reliability. The free Pharos Designer 2 software is an intuitive yet advanced interface for programming your chosen hardware, which can then be left to run with no external computer necessary.

APPLICATIONS



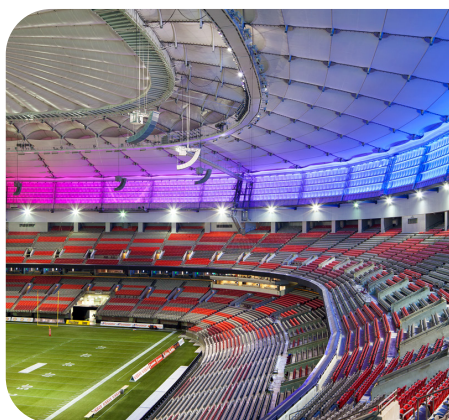
ARCHITECTURAL



FAÇADES & VIDEO



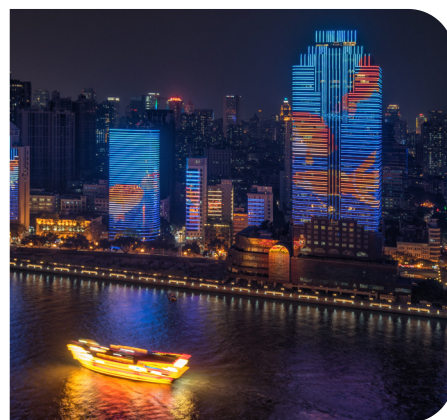
THEMED ENTERTAINMENT & EXPERIENCES



STADIUM & SPORTS



VENUE & CAMPUS



CITYSCAPE



HEALTHCARE & SCIENTIFIC



HOSPITALITY & RESIDENTIAL



RETAIL

CONTROLLERS - LPC FAMILY

Versatile control to realise your lighting design - Controllers in the LPC family feature individually controllable and independently running timelines and scenes, letting you build dynamic, precise, fully customisable lighting effects with the freedom of real-time manual overrides, and the versatility of powerful show control and integration features.



LPC

1/2/4 universes of DMX/eDMX | RS232, MIDI and 8 inputs | DIN-rail mountable

Ideal for 'fit and forget' applications – the controller is commissioned once, then can be left to reliably do its job.



TPC

1 universe of eDMX | Customisable touch interface | Single-cable installation

Ideal for projects requiring a combination of lighting control and a smart user interface in a compact package. Available in nickel, black, white or cream bezels with black, white or cream magnetic overlays.



TPC + EXT

1 universe of DMX/eDMX, DALI, RS232, 8 inputs | Customisable touch interface

Combine the TPC with the EXT extension to create a versatile, mains-powered, touch panel control solution.



LPC X

10-100 universes of eDMX | Optional DVI input

Ideal for large installations requiring unrivalled programming power and flexibility.

CONTROLLERS - VLC FAMILY

Play videos on a canvas that has lights as pixels - VLC controllers are cost-effective solutions for huge LED pixel arrays. Play videos with smooth cross-fades in different compositions from internal storage and live HD video input. The VLC family comes complete with powerful show control and integration features for ultimate real-time control.



VLC

50-1500 universes of eDMX | Display video or DVI input with smooth transitions

Ideal for mapping video to lighting fixtures used as a single large video screen.



VLC+

50-3000 universes of eDMX | Display two videos or DVI input with smooth transitions as well as rotation, movement, masking, wrapping and more

Ideal for advanced facade projects, observation wheels and wrap-around applications like stadiums.

WALL STATIONS

Stylish and versatile user interaction at the touch of a button.



TPS

An attractive interface with a customisable, 4.3" capacitive touchscreen, that works with any Pharos Controller.



BPS

A flexible and stylish 8-button station with integrated button LEDs, the BPS is easy to install with its single PoE connection.



REMOTE DEVICES

Scalable remote input and output solutions for show control and data over an Ethernet network.



RIO 80 | RIO 44 | RIO 08

The scalable remote input and output solution for show control over an Ethernet network, featuring multiprotocol serial port with DMX output support plus combinations of digital/analog inputs and relay outputs.



RIO A

The remote solution for audio and MIDI triggering or timecode injection, the RIO A features 30 band spectrum analysis per audio channel, MIDI in/out, Linear Timecode and MIDI Timecode.



RIO D

Seamlessly control DALI fixtures alongside DMX by adding a RIO D to your Pharos system, with Ethernet distribution providing the DALI bus exactly where it is needed.



EDN 20

Reliable, cost-effective DMX output for large Pharos systems. Each unit has 20 fully-isolated and RDM-capable DMX512 outputs. Available Q4 2019

ACCESSORIES

A range of options that provide a unified and reliable power and data infrastructure.



POE

Revised for 2019 – lower pricing and updated hardware design with PoE Type 2 support and two non-PoE ports for daisy-chaining.



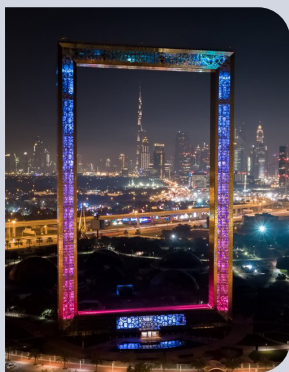
RDM

1 + 4 port DMX512 repeater compatible with the Remote Device Management (RDM) standard.

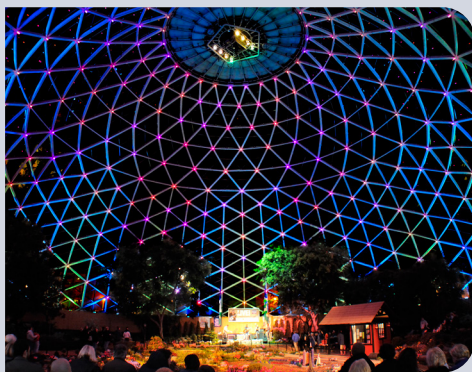


CVD | CCD

A range of DMX LED drivers with manual or RDM addressing and test modes. Constant voltage and constant current drivers are available.



INTELLIGENT PROGRAMMING



POWERFUL PIXEL MAPPING



SHOW CONTROL



EASY INTEGRATION



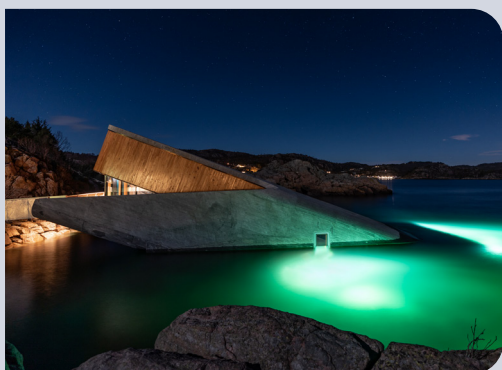
INTUITIVE SOFTWARE



ENDLESS SCALABILITY



REMOTE MANAGEMENT



EXTENSIVE FIXTURE SUPPORT



EXTREME RELIABILITY

1. MATAGARUP BRIDGE © ARTIST LIASON | 2. KUNMING PROJECT © PHAROS CONTROLS | 3. WIESS ENERGY HALL © CHRISTENSEN LIGHTING | 4. BC PLACE © ED WHITE | 5. EVENTIM APOLLO © TOM CRONIN | 6. GUANGZHO PERAL RIVER © PHAROS CONTROLS | 7. UCH EDUCATION CENTRE © LITE LTD | 8. UNDER © TOMASZ MAJEWSKI | 9. SNOG ISLINGTON BRANCH © CINIMOD STUDIO | 10. DUBAI FRAME © CREATION GULF | 11. MITCHELL DOMES © CLDE | 12. WIESS ENERGY HALL © CHRISTENSEN LIGHTING | 13. ENDLESS STAIRS © JAMES NEWTON | 14. AMSTEL HOTEL © ARJEN VELDT PHOTOGRAPHY | 15. CITADEL OF NAMUR © SIGNIFY | 16. SMEATON'S TOWER © LITE LTD | 17. UNDER © TOMASZ MAJEWSKI | 18. BRIDGE OF PEACE © IVANE GOLIADZE

Pharos is a specialist lighting controls company and award-winning UK manufacturer. Its lighting control solutions are used in iconic installations across the world. Its experienced team has been designing and building its products in the UK since 2004, independent of any lighting manufacturer and backed up by global technical support, making Pharos one of the most respected lighting controls manufacturers in the world.

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