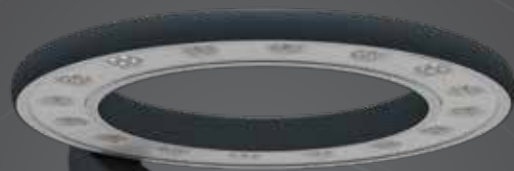


Smart Control Systems for Exterior Lighting



Kingfisher Controls

Part of the LUCÉCO[®] group of companies







Introducing Kingfisher Controls

Born through a need for reliable, simple unification of exterior lighting systems, Kingfisher Controls offers bespoke solutions designed to give full, flexible autonomy.

With a vast array of possibilities, Kingfisher design solutions to perfectly compliment any lighting scheme from simple dimming profiles to DMX sequencing, and all things in between.

Using quality hardware, software and cloud facilities, each system is created to promote efficiency, simplicity and user-friendly platforms capable of evolving to fit the growing needs of every site.

Discover the future of bespoke luminaire management with Kingfisher Controls.



Intelligent Lighting Controls

Our smart control system offers a wireless solution that has been designed to not only save you time on programming but to save energy output, and of course money.

Using this simple, yet powerful system will allow full control over your lighting scheme. We design a bespoke system to fit the needs of your site and its functions, making sure you get the most out of the lighting and take advantage of maximised savings.



Flexible Solutions

- Wireless or wired control capabilities
- PIRs & motion detection
- Simple Dim to Warm
- Bespoke system design
- Simplified installation
- Easy scene setting
- DMX light shows
- Energy savings as standard
- User friendly interfaces
- Intelligent functionality
- Remote access
- Futureproof

Tailored Functionality

Our expert team will assess the current and future needs of your site and create a tailored system to perfectly service your lighting scheme. This may be a simple on/off system or dimming profile, all the way up to a fully programmed DMX light show to wow spectators.



- Dims lighting using DALI or 1-10V protocols
- Simple on/off functionality via relay, PIR or daylight sensor
- Programmable scene setting
- Controlled via web-based interface, simple push button panel or even via key fob
- Pre-set DMX scenes
- Complex DMX light shows

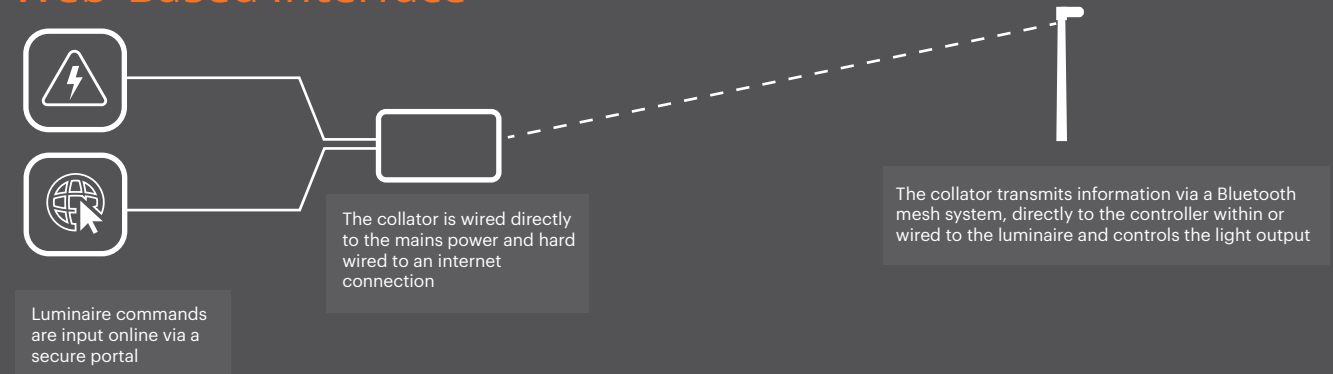
Switch Systems Explained

The switch system gives the user full control without an over complicated user interface. This simple solution is perfect for schemes requiring a variety of outputs to service the differing functions on-site. With two options of set-up, this system is capable of being controlled from a simple push button scene switch or via a wireless device via a secure web portal.

Simple Push Button System



Web-Based Interface



Example Functions

- Button 1: Full scheme on at 100%
- Button 2: Full scheme on at 50%
- Button 3: Car park A only on at 100%
- Button 4: Car park B only on at 50%
- Button 5: Building perimeter only on at 50%
- Button 6: All off



Controllers

The Kingfisher Control System starts with the controller, this forms the basis of all systems. These devices can be pre-fitted into each luminaire and give the ability to link, dim and control luminaires when integrated with dimmable drivers and sensors.

Scene Switch

Scene setting is an important aspect of lighting control, but some systems are over complicated. Our scene switches are simple to use and install taking little or even no training to operate. The push-button panels and key fobs are pre-programmed before leaving KF HQ to your desired command and the system does the rest for you! Scene switches with 2, 4 or 6 buttons can be supplied for use with the 230V or battery powered controllers.

Web Connected or Wired Solutions

Our controllers offer the perfect bespoke solution for wireless controls and scene setting. The controllers are installed into each luminaire and communicate directly to the scene switch. For locations without internet access, our wired system allows you to have the same functionality through access points.

Collators allow for diagnostics and reporting on fittings as well as timed events via a web portal.

Equipment

Controller



Scene Switch



Key Fob



Collator

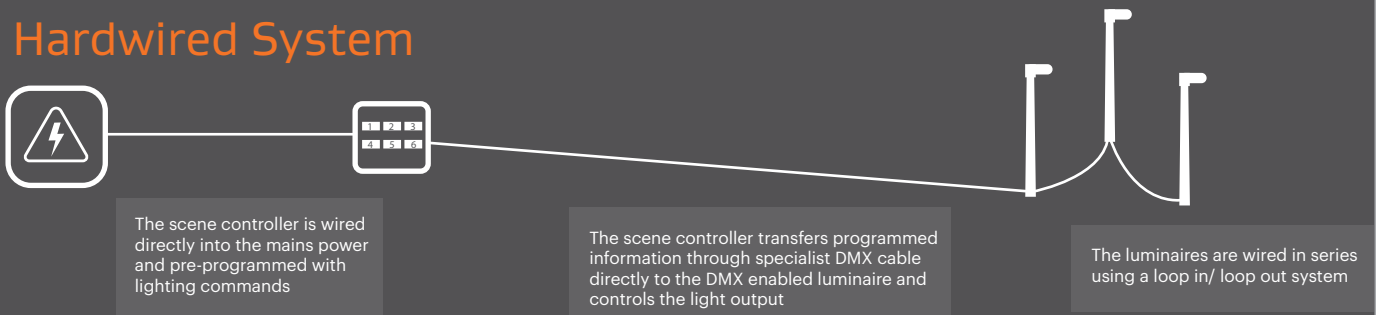


DMX Systems Explained

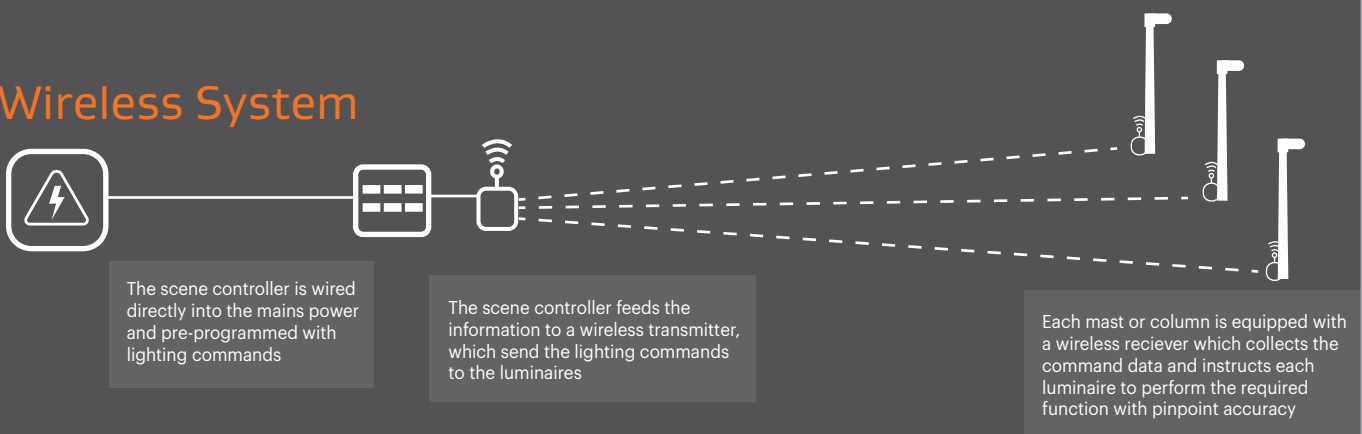
The DMX control systems from Kingfisher Controls presents an intelligent way of utilising your lighting scheme to create simple or complex scenes for a wealth of scenarios.

With hardwired or wireless options, create a system that perfectly complements the changing needs of your site. Create bespoke RGB light scenes and effects at the touch of a button.

Hardwired System



Wireless System



Example Functions

- Button 1: Corporate Colours
- Button 2: Charity Days
- Button 3: Event Light Show 1 (3 min loop) Static Event
- Button 4: Mode: Full pitch at 50%
- Button 5: St Patricks Day
- Button 6: Valentines Day
- Button 7: Light Chase (Looped)
- Button 8: Wave Effect (Looped)
- Button 9: Sparkle Effect (Looped)
- Button 10: All Off



Scene Controllers

The scene controllers are hard wired into main power and pre-programmed with the desired scenes prior to installation, saving time on-site. This device passes information through the chain to the luminaires with the simple push of a button. Each hardware port can have a maximum of 32 devices up to 300m when hardwired.

Specialist Cable

DMX cable is specially designed to transfer vital information in real time without signal noise. This system uses high quality 3 core 120ohm cable and runs throughout the controls scheme to give flawless results.

Wireless Transmitter/ Receiver

These devices are specially selected to transmit and receive DMX signals wirelessly via radio signals (2.4GHz, 5.2Ghz, 5.8Ghz). Transmitters are hardwired into the scene control box and receive, then transmit DMX signals from its program. Receivers are hardwired into the fittings, via DMX cable, and loop in and out of fittings. Transmitters and receivers are paired to give seamless instructions to each luminaire connected to the system.

Equipment

Scene Controller



Specialist DMX Cable



Wireless Transmitter/ Receiver



Stand Alone Controls

Kingfisher Controls offers a wealth of opportunities including simple systems that require no external hardware, meaning that each individual luminaire is controlled at source. These options are all preprogrammed before installation and once the site works are complete; your bespoke system is ready to go.

Part Night Dimming

This system is a simple yet effective way of reducing running costs, energy usage and light pollution whilst servicing the needs of the site and its users.

This function is a feature set of the driver, which is preprogrammed at our facility to your specification. This, paired with an astro time clock or photocell allows the driver to intuitively know what date and time it is by it's 'switching on and off' cycles. A stand-alone dimming schedule can be put into place to the requirements of the project.

Example Functions

- Step 1: 5am – 100%
- Step 2: 9am – 0%
- Step 3: 4pm – 100%
- Step 4: 6pm – Dim to 50%
- Step 5: 10pm – Dim to 30%

Presence Detection

This system allows adjustment to the output light level at each light source. A preinstalled sensor is triggered by movement, prompting the light to fade up to the required level. The illumination is held for a predetermined period of time before fading out again.

Presence detection systems are best placed in low traffic areas of your facility and are perfect to reduce energy outputs and running costs.



Dim to Warm

Selected luminaires can be programmed via the Kingfisher Controls system to change from 4000K to 2700K. This innovative system allows increased versatility and is ideal for human-centric spaces with differing needs, as well as DarkSky and wildlife areas.

The system operates through multi-chip LED boards and Kingfisher Controls to pre-set scenarios through a simple scene switch.

Unlike other dim to warm systems, our chips are designed with each colour temperature within the same set giving a more even distribution of light.



More Options...

Kingfisher Controls have a wealth of available options from simple functions to complex lighting schemes. Contact us to find out more about the opportunities to maximise the capabilities of your site through Kingfisher Controls.

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