

Come and see us at Light & Building Expo 2010 - Frankfurt - Hall 4.1 - Stand D30

## Project News

**Usher Hall** – Iconic Edinburgh Landmark receives spectacular lighting treatment

Lighting Design - Speirs & Major

Recent visitors to Scotland have been admiring the latest developments in the ongoing refurbishment of Edinburgh's famous Usher Hall. Work ran between 2007 and late 2009 on the second phase which provides improved facilities, more public space and included the construction of a new glass wing in the extensive £25m development.

World respected, Edinburgh based lighting consultants Speirs and Major were engaged to deliver a lighting design that would bring out the best of the original Grade 1 listed building and its relationship with the new build. Areas controlled included the reception



areas, bars, stairways, corridors and the new extension that surrounds the original facades but never actually touches it. Speirs & Major chose iLight to control the many creative lighting schemes taking advantage of iLight's extensive experience with handling multiple load types within a simple scalable system.

Loads include dimmable fluorescent, cold cathode, low voltage electronic transformers and LED – an ensemble that makes up a



truly mixed intelligent lighting control system including a beautiful centerpiece dimmable fluorescent chandelier. It was all built up into a widely distributed lighting control network across hundreds of channels and loads. Simple user control is delivered via programmable touchscreens located in supervisory areas.

### Equipment List

- LCD Colour Touchscreens
- Control Panels
- Inductive Source Controllers
- HF Source Controllers
- Switching Source Controllers

## Energy Saving Project



### Leroy Merlin, Matosinhos, Portugal

Saving energy was the No.1 objective for this 1000m<sup>2</sup> store from the popular DIY chain Leroy Merlin. An iLight system was chosen for control of all the store luminaires including exterior and warehouse lighting.

Sensors were strategically placed near skylights, in order to measure the daylight contribution, the luminaires, equipped with HF 0-10V ballasts are automatically dimmed during the day depending on the amount of daylight available.

In addition an iLight real time clock is connected to the system allowing automated management of the lighting to turn on at 07:00 with a light level of 40% for staff to prepare the store for opening. Daylight linking starts from 09:00 running through to 23:00 when lighting is set to gradually dim down, turning off completely at 00:30. The dimmed store lighting is a visual signal to announce to customers that the shop will be closing.

The system is also equipped with iLight control panels incorporating key locks giving the store managers the ability to adapt the store lighting to their particular needs.

With the successful completion of the iLight system, The Leroy Merlin store is now benefiting from light energy savings of around 35% as well as providing better control for the store management.



## Product News



### RI-2

The popular iLight Relay Interface unit has been revised and updated to become the RI-2. This new model retains the original feature set and in addition offers enhanced interface capabilities.

#### Features now include:

- 8 change over relay outputs with 3A general rating
- 8 inputs - analogue or digital
- 16 sequences of 128 steps
- 2 alarm inputs
- Comprehensive AV interface including input/output strings and selectable Baud rate

### Proximity Sensor

A new proximity sensor assembly is now available consisting of a switch and magnetic activator. This item is ideal for use on partition doors, shutters etc. Indoor use only, must be used with iLight UIG or UIM network interfaces.

## New Products Featured at Light & Building Expo 2010



### SCD-96 - FEATURED AT LIGHT & BUILDING

The iLight SCD96 is a 96 channel DMX source controller designed to provide control, with power switching, of any DMX512 controllable device. This product is of particular use for controlling DMX lighting devices including LED colour changing units and entertainment devices. Each channel can be assigned a DMX channel from within iCANsoft. The SCD96 can be controlled like any other iLight source controller using any of the iLight user interfaces to activate scenes and sequences.

The unit incorporates 8 general purpose 3A relay devices which are separately CAN or DMX addressable in addition to the 96 channel DMX outputs. This is ideal for control of non DMX loads such as curtains, blinds or ballasts within an overall DMX installation.

#### Features include:

- 96 DMX outputs
- 8 x 3A volt-free change-over relays
- Suitable for low voltage or resistive 230V loads
- 8 x Analogue / Digital inputs
- 8 x Digital outputs
- 16 sequences with up to 128 steps per sequence

### SCMC0410 Change Over Relay & HF Controller - FEATURED AT LIGHT & BUILDING

This highly versatile DINrail device is designed to control combinations of relay, HF and even low voltage outputs. Channels may be configured as feed through relay or HF control channels. 4 additional low voltage outputs are provided that may be individually configured as 0-10v, 1-10v, DSI or DALI outputs.

Used in conjunction with an MPM2400 Master Controller, the SCMC0410 is an ideal small package solution for use in conference rooms, hotel rooms and smart home projects where curtain/blind or screen controls are combined with other switched and fluorescent loads. The 4 independent low voltage outputs are especially convenient for low voltage control of a variety of other devices including LED ballasts.



#### Features include:

- 4 x 10A change over relays suitable for motor control of curtains & blinds.
- 4 x additional independent low voltage outputs suitable for
- HF fluorescent ballast control.
- Internal mains supply for isolated 0V/1V - 10V HF outputs
- LED Indicators for relay and HF output state.

### Lightning Suppressors

For iLight networks that run outside or in the ground between buildings we now offer a surge suppression package to guard against lightning strikes. The package consists of a pair of surge suppressors with IP66 rated enclosures.



## Website News

### New iLight website

Cooper Controls have launched a brand new iLight website this month featuring more product information, more images and more downloads.

The site has been designed to be easier to navigate and faster to access product information. It also features an improved support area with a comprehensive downloads page for all support literature and an ever growing high resolution product image download area.

See for yourself at: <http://www.iLight.co.uk>



## Exhibition News

### Light & Building 2010 - 11th to 16th April

Cooper Control are exhibiting at Light & Building Expo this April featuring a comprehensive range of iLight products including new releases such as the SCD96 - 96 channel DMX source Controller

The stand is, for the first time at the show, a shared Cooper stand also exhibiting Ceag product range by Cooper Safety and the latest Axent LED luminaires by Cooper Lighting & Safety.

**Messe Frankfurt, Germany**  
**Hall 4.1 - Stand D30**

We'd be delighted to welcome you



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