

Project News

Radisson Blue Resort & Spa – Dubrovnik Sun Gardens, Croatia

System Design, Installation and Commissioning: Telektra



Enjoying an enviable seafront location on the Dubrovnik Riviera, the Radisson Blu Resort & Spa, Dubrovnik Sun Gardens is an example of spectacular lighting design and effect.

An iLight lighting controls system was chosen by Telektra - the most important reason being Cooper Controls' ability to offer a complete control package. The installed system controls the lighting in the entire complex including the hotel, restaurants, pools, wellness, reception areas, shops and conference rooms. For simplicity an iCANview PC package was added for ongoing system management.

With such a wide variety of lighting needs Telektra were given a wide ranging brief and considerable autonomy to develop specific system solutions for each area.

iLight DINrail devices were used in areas of lower power demand while iLight cabinet source controllers achieved economies of scale where large loads predominated. Both types of source controller can be easily mixed on the same network. Due to the complexity and scale of this project, control of virtually every lighting load type including fluorescent, inductive and LED was achieved with various dimming, switching and dmx source controllers. The system also includes third party device control of motorised curtains and connection to AV systems in the conference rooms.

iLight colour touchscreens were added to the restaurants, conference rooms and pool sides where multiple pages of lighting scenes and effects are used. The pool areas were also provided with LED colour changing sequence controls.

With this amount of luxurious lighting effect, energy saving measures were considered where ever possible and are evident in the vast use of LED and in presence detectors installed in circulation areas, corridors and WCs allowing the lighting to be triggered only when in use.

iLight Equipment Installed

- LCD Colour Touchscreens
- Control Panels
- Inductive Source Controllers
- HF Source Controllers
- Switching Source Controllers
- DMX Source Controllers
- System Integrators
- Presence Detectors
- iCANview



Modalfa Fashion Shop, Leiria, Portugal

Local Distributor: Sislite

Set in the Continente de Leiria shopping complex, Modalfa fashion store decided to re-think its lighting system as part of a shop refit.

An iLight system was chosen to achieve better lighting control and to replace the large 'clunky' switch plates installed around the store. The conventional system comprised wall switches scattered around the store each controlling small sets of fluorescent, tungsten and discharge switched loads. This made daily operation inconvenient and time consuming.

An iLight colour touchscreen was installed to replace all the light switches enabling the user full control of all the lighting circuits from one location. With multiple pages the lighting can be turned on all at once or by individual zones saving energy.

Switching the lighting circuits is achieved via SCMR0816 compact DINrail units offering 8 channels each of high power relay switching all controlled by MPM2400 master controllers on the iLight network. This system proved to be a much faster and economical installation over a conventional lighting system with much less wiring required and all power control handled from one location. The completed install is also future flexible, if at a later date a second control plate or touchscreen is required in a different location it will only be a case of running an additional CAT5 FTP cable to it from the network.

Time and energy is now being saved daily, the store lights can be turned on with one simple button press in the morning and zones can then be quickly activated on demand throughout the day.



Revised iLight Touchscreen Editor

A completely redesigned iLight lighting controls software application has been released by Cooper Controls. Aimed at installers and configuring engineers, the new touchscreen editor is intended to simplify and speed up commissioning times and offer more powerful graphic building tools. Now supporting .png files as well as bitmap images, sharper pages can be produced faster and with more flexibility. The transparent background properties of .png files make them a basis for attractive custom pages where button graphics are floated over project specific background images. These are now much faster to produce, leaving a crisp, sharper looking final effect.

The new software aims to:

- Simplify common tasks to reduce commissioning time and cost
- Allow better looking pages to be constructed
- Provide a solid base for future windows software development & maintenance

Main features include:

- Look & Layout Config Templates
- Drag-and-Drop Interface
- Auto area pages
- Auto keypad pages
- Handles transparent images
- Docking windows



New Software Release - iCANsoft

Version 3.1.3 Release 2 is now available and includes:

- Additional support for SI-2, UIG-2, RI-2, BN-2
- Action types including: Alarm Mode, Virtual Panel State Device State, Stop Fading
"Other device" option for sequence control actions
- DALI Tools: Order ballasts by Group
Tag ballasts for identification in ballast levels tab
- Full version Touchscreen Editor
- Comprehensive technical notes section



New Hand Held Infra-Red Remote Controller

Cooper Controls has released the new HH17IR –infra red remote controller for use in iLight intelligent lighting control systems.

This unit greatly expands the capability of the previous model as well as introducing contemporary new styling and finish equally at home in residential or commercial applications. Eight direct scene selection buttons are provided along with raise, lower and off functions and the unit is now also provided with six additional configurable buttons used to extend the capability of the remote to control extra lighting scenes and third party device control such as curtains and blinds.



Organisational News

Cooper Controls appoint Lucien McQueen as European Sales Manager

Cooper Controls has announced the appointment of Lucien McQueen as European Sales Manager for the iLight brand of architectural lighting controls. Lucien joins during a phase of planned expansion of Cooper Controls in the European marketplace. Previously Lucien had spent 6 years with Dynalite as European business development manager and prior to this, 8 years within a European role for Strand Lighting.

“I admire Cooper Controls clear commitment to taking the iLight controls brand forward in Europe” says McQueen “In todays market it is crucial to approach control equipment applications with a wide view – solutions are becoming more demanding and the cross over between architectural, entertainment effects and energy management needs is becoming increasingly blurred. “I am just delighted to be joining the Cooper Controls team at such an exciting time”.



“The appointment of Lucien is another significant strategic move for the iLight brand.” says European Director David Catterall; “reinforcing our European sales effort and underpinning our expanding customer base. Lucien’s extensive experience and technical competence across the control segments is an ideal fit for us.”

New Customer Service Team Member

We are also pleased to welcome Laura Lenihan to the Cooper Controls Customer Service Team. Laura is based at our Cwmbran facility and will report directly to Sarah Burridge.

Improved Customer Service Contact Details

With immediate effect you can now also email us on: customerservice@coopercontrols.co.uk or phone us on +44 (0)1633 833100. All existing phone and email numbers are still active but using the above allows direct access to the entire customer services group.

Exhibition News

New ‘One Cooper’ Display Area in Mitcheldean Office

Set in the lobby of Cooper Security’s HQ in Mitcheldean, Gloucestershire is a permanent display featuring the capabilities of Cooper Industries in Europe. Ranging from security systems to light fittings and control systems this is a great new facility increasing our demonstration capacity for the south west regions of the UK.

There is an iLight system installed set up to control the state of the art LED fittings supplied by Cooper Lighting for the purpose of holding presentations within the space. Dimming and switching channels are controlled via an iLight TSC30 colour touchscreen.



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