

Project Focus

Corinthia Hotel & Spa - Award Winning Refurbishment

The Corinthia Hotel, one of London's most luxurious hotels, is situated in Whitehall Place, next to Trafalgar Square right in the heart of London. The hotel has recently been refurbished to its original grandeur following a £300 million restoration program. Arranged around an elegant central courtyard foyer, facilities include a choice of restaurants, luxury spa, bar, meeting rooms and the grand ballroom. The adjoining 10 Whitehall Place property has been redeveloped to include a large ESPA spa as well as a suite of 12 exclusive residences.

Winner for the Hotels and Restaurants Category in this years Lighting Design Awards, Lighting Design International provided lighting design for the entire project including the Spa and worked with both ESPA and GA Design to produce stunning lighting effect throughout. The classic architectural features and high ceilings of the main public areas of the hotel have been creatively lit with the combination of large pendants and high level linear lighting as well as up & down lighting. Low level lighting, by way of a multitude of table lamps, provide a more intimate atmosphere.

The Spa complex relies completely on the successful application of the lighting scheme (as there is no natural daylight), to create an atmosphere of pure relaxation and luxury.

Cooper Controls provided lighting controls for the whole project including all hotel public areas, the spa, 271 guest rooms and the executive suites. Working closely with the main contractor Ardmore Group, Cooper Controls developed a very compact DINrail cabinet solution including small power controls to fit the limited space available in each guest room. Custom control panels in Antique Bronze were also provided to match the room decor.



Images courtesy of Lighting Design International

Architectural, Energy Management & Entertainment Lighting Control Solutions



www.iLight.co.uk



www.greengatecontrols.co.uk



www.alclightingcontrols.co.uk



www.zero88.com

NEW PRODUCT - LED Dimming Simplified, with the new SCLED

designed for todays complex loads...

- Leading and Trailing edge compatible
- No minimum load
- Silent operation

...mains dimming made easy again



Wide Compatibility with Leading and Trailing Edge Operation

SCLED is the new electronic dimmer designed specifically for today's demanding LED and incandescent load characteristics. The versatile SCLED features individually selectable leading or trailing edge dimming channels, and avoids the many problems associated with traditional mains dimmers such as high minimum load or the requirement for a 'ballast' load. SCLED requires no minimum or synthetic load providing a smooth dimming curve to single or multiple LED lamps.

No Minimum Load

Silent LED Dimming

Choosing LED lamps should not be a game of chance. Dimmer parameters on SCLED are adjustable on a channel by channel basis to ensure the best possible performance from each lamp type according to their capabilities. Extensive testing of many popular mains dimmable LED lamps has been a fundamental part of the development of SCLED. Results are published at: www.ilight.co.uk/scled and regularly updated as new lamps become available. Our hard work ensures your peace of mind.

Thoroughly Tested for Your Peace of Mind

Saving Energy Beautifully

So now you can choose dimmable LED lamps with confidence without compromising your great lighting designs. You can also benefit from even more energy savings by efficiently dimming your lamps to the desired lighting level.

Make Mains Dimming Easy Again



Project Focus

St Regis Hotel adds to the beauty of Florence

Situated in central Florence, Italy, the stunning St. Regis Florence has been a preferred stop for seasoned travelers since the 18th Century. Set on the banks of the Arno River the hotel offers 81 guest rooms and 19 executive suites set around 2 restaurants and a grand lobby and lounge area. The Renaissance architecture has been brought to life through a series of refurbishments restoring the original architectural features and adding luxurious furnishing throughout.

Lighting plays an important role in showing off the stunning architecture of this hotel and this has been successfully achieved by lighting designer Lighting Design International who have used a huge variety of lighting fittings and effects to bring out every architectural detail, sculpture and artifact as well as create a mood that is both inviting and luxurious.

Cooper Controls supplied the lighting control system for all public areas including the exterior lighting and included both dimming and switched loads as well as control of LED fixtures where used. Sensors and an astronomical time clock have been added to the system to automate lighting scenes and activate light when needed saving time and money. User interfaces include 7 button control panels, some of which including keyswitches for controlled use. There are also Colour Touchscreens installed for master control of all public areas. The user interfaces include an antique bronze finish helping them complement the character and decor of the interiors.



NEW PRODUCT - NS3-C Compact Network Multi Sensor



The new NS3-C is a very compact multi sensor that can be connected directly to the iLight Network. It features 3 functions: PIR motion detection, daylight measurement and an infra-red receiver. All three functions may be programmed within the iLight software according to specific user needs.

This sensor features a movement detection coverage of up to 8.5m diameter depending on installation height with PIR detection optimised for Slight Motion for superior performance. The PIR feature may be set in absence or presence detection mode with variable programmable timing.

The daylight feature is used to maintain constant light level where controlled luminance (daylight linking) is required.

In operational mode the infrared receiver may select scenes, turn lighting on/off and adjust levels locally with the iLight remote controller (HH171R).

At just 49mm diameter this compact flush mounting sensor is ideal where discreet installation is required. The NS3-C sensor's combined features ensure maximum energy savings as well as great flexibility for the user.

iLight EG2 Ethernet Gateway and Smartphone Apps

Access your lighting network from mobile devices, smart phones or PC to select, modify, save and protect your great lighting designs with the new iLight EG2 Ethernet Gateway and apps from Cooper Controls.



Discover for yourself...



View the EG2 demo video here:
<http://bit.ly/ilightEG2video>



Download our free iOS app here:
<http://bit.ly/ilightapp>



Download our free Android app here:
<http://bit.ly/ilightandroid>



Project Focus

Plymouth Life Centre - Performing at the Highest Levels

Located in Central Park, on the footprint of the former Mayflower leisure centre and used as the training base for Olympians in preparation for the 2012 London Olympics, Plymouth Life Centre is the major new sports and recreational facility for the region.

Plymouth's biggest ever investment in leisure facilities, valued at £46.4m has been designed to meet the sporting needs of Plymouth now and in the future. Offering affordable sessions it is aimed at increasing participation in sports and improving the overall health and fitness of the local community.



Designed to modern standards with energy efficiency in mind, the building has a 'Very Good' rating under the Building Research Establishment Environmental Assessment Method (BREEAM).

Cooper Controls was awarded the contract to supply a complete lighting controls package, which included mains and emergency lighting controls throughout the facility. The use of lighting is minimised where possible with the introduction of daylight linking sensors and absence detection. Emergency lighting makes use of LED technology to maximise energy efficiency.



Company News

Stephen Marley - Joins UK Sales

We welcome Stephen Marley to our Sales Force who joins us after 28 years working within the electrical industry. Stephen brings additional experience specialising in lighting control solutions for commercial and architectural applications. Following a career in electrical contracting he moved in to sales working with Metway then to Hager as a Commercial Specification and Key Account Manager specialising in lighting control and prefabricated wiring. 'Joining Cooper Control is a great move for me and I hope that my experience both in contracting and sales brings strength to a great range of products' says Stephen.



The Middle East Team Expands

We also pleased to announce the expansion of our Middle East presence to include expert control specialists located in the Cooper offices in both Dubai and Abu Dhabi.

Mutassem Abudiak leads the local Cooper Controls sales team supported by Darwish Seinullabdeen in Dubai with Fouad Slim based in Abu Dhabi. Local technical & project support includes Bashar Al-Said, Yogendran Anandan and Jeylani Meeran complete the team, responding to the growing regional market for high performance and energy conscious lighting control solutions.

Cooper Controls Ltd.

20 Greenhill Crescent, Watford Business Park,
Watford, Herts, WD18 8JA. UK

T: +44 (0)1923 495495 F: +44 (0)1923 228796

E: enquiries@coopercontrols.co.uk www.coopercontrol.com



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