

About Luceco Overview

With over 70 years experience, the brands within Luceco PLC, **BG Electrical**, **Luceco**, **Ross** and **Masterplug** are market leaders in key Electrical categories, offering one of the markets largest product portfolio's for Trade.



Group Global Sales in excess of
£170m



Head office based in London

Global offices based in **Telford**, **Shanghai** and **Dubai** offer sales and support to European, Mediterranean, Middle East, Africa & Asia Pacific regions



10,000m² UK Warehousing

UK Warehousing and distribution facility located in Telford, carrying approx

£20m stock



75,000m² WFOE Chinese manufacturing

And best in class partnerships in Far East



Continually evolving product ranges aligned to market trends



Sales, marketing and product management expertise and dedicated customer service **based in the uk**



2500+ sku product portfolio

Confidential

About Luceco Brands

LUCECO

Environmental and energy
Saving LED lighting



www.luceco.co.uk



A traditional wiring accessory
manufacturing brand, serving
the professional electrical trade



www.bgelectrical.co.uk



Audio Visual and Home
Entertainment products
designed to meet the needs of
the discerning user



www.ross.co.uk



A market leading supplier of
portable power equipment
through DIY outlets, online
and high street retailers



www.masterplug.com



High Performance Products
Affordable, reliable & practical
lighting technology



www.kingfisherlighting.com

Confidential



Luceco, McCann Electrical and Ameresco partner to relight the Edinburgh College Estate

Luceco has recently supplied an energy saving LED lighting upgrade to several campuses at Edinburgh College including Sighthill, Milton Road, Granton, and Midlothian.

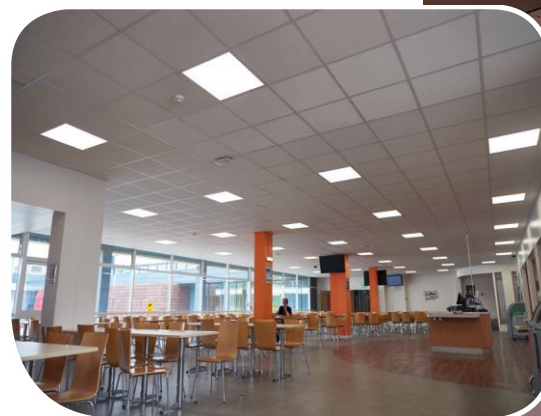
As one of Scotland's largest educational establishments, the College has over 19,000 students across Edinburgh and the Lothians.

Ameresco chose Luceco as their preferred lighting manufacturer for Edinburgh College, and McCann Electrical Contractors based in Motherwell were chosen for the electrical installation throughout the campuses.





- **Edgelit and Backlit LED LuxPanel luminaires** were installed into many areas including seminar rooms and lecture theatres, libraries, and classrooms as well as communal areas.
- **Platinum LED Downlights** were installed in the sports and health facilities at Milton Road
- The sports and health facilities at Milton Road is equipped with the latest resistance training machines and cardio equipment. **Platinum LED Downlights** were installed in many of these areas including open plan communal spaces such as cafeterias and foyers and specialised learning centres.
- In the Workshops, the IP65 rated **Climate LED luminaire** was used.
- Other luminaires installed included Celeste, an attractive circular LED luminaire



Confidential

Commercial

Luceco and Oakray have recently provided energy efficient LED lighting solutions for prominent buildings within the Hertfordshire County Council (HCC) Estate including a major office lighting upgrade at HCC's Farnham and Robertson House Buildings in Stevenage. Constructed in the late 80's, Farnham and Robertson are conveniently located in the commercial area of Stevenage providing office facilities for HCC staff and partners.

The extensive open plan office facilities in both Farnham and Robertson where originally lit with 55 WPL compact fluorescent luminaires. To meet their objectives, Hertfordshire County Council required a lighting refurbishment where significant cost savings and return on investment could be demonstrated, energy efficiencies made to lower CO2 emissions and a total reduction in maintenance. Hertfordshire County Council also recognised the benefits of good lighting and providing ambient surroundings that stimulates a feeling of wellbeing and motivation in the workplace. Therefore, a greatly improved lit environment for inhabitants of the buildings was required.

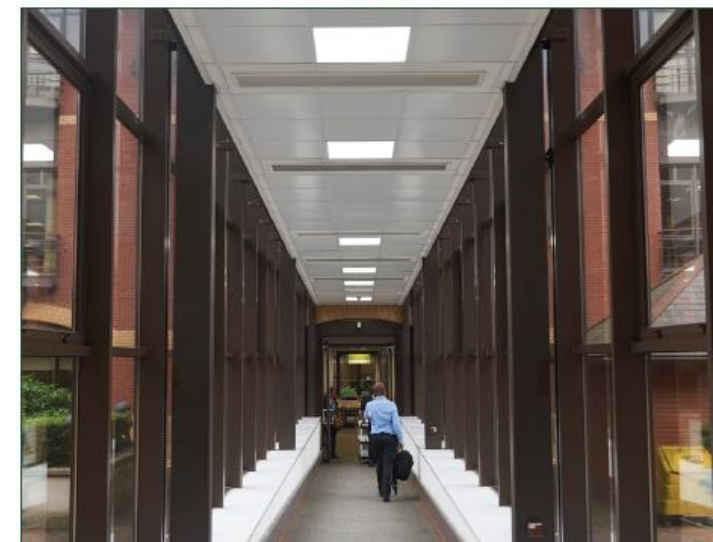
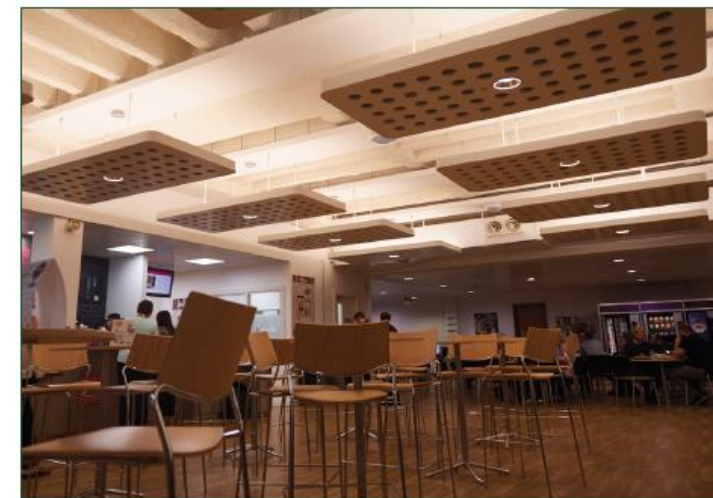
Luceco was chosen by Oakray as the LED luminaire supplier due to the diversity of the product range, both internal and externally and the dramatic reduction in energy consumption, particularly with the use of **LuxPanel luminaires** in the open plan areas. Installed by Oakray, LuxPanels from Luceco offer a unique design, the high efficiency **Backlit panels** has a completely frameless appearance and boasts a market leading efficacy of **147 luminaire lumens per watt**. Quick and easy to install with a "plug and play" driver, LuxPanels have the additional

benefit of **13% extra visible light** when compared with other LED panel luminaires and provide **50,000 hours** of maintenance free life. These qualities allowed for a sizeable reduction in the number of fittings helping to provide additional ROI to the project. **Platinum Downlights** were installed in corridors and circulation spaces providing an ideal retrofit replacement for compact fluorescent luminaires, offering running cost **savings of up to 80%**.

Quoted as being one of the leading M&E providers in their sector, Oakray, based in Enfield, is committed to researching innovative solutions with a philosophy of continuous improvement with particular emphasis on cost effective, environmentally friendly installations. Facilitating the relationship between Luceco and Hertfordshire County Council, Oakray are responsible for mechanical & electrical maintenance of over 300 sites, with over 50 sites in the process of LED lighting refurbishments.

“The relationship between Oakray and Luceco has helped us to provide an efficient, high quality and reliable service to Hertfordshire County Council, both in terms of supply and installation of LED lighting. This level of joint service has allowed us to expand the scope of several projects and offer additional value, whilst maintaining a fast roll-out program and rapid returns on investment for our client.”

Keith Mottram, Commercial Director at Oakray



Industrial



Case Study - High Bay Tata Steel

- Over 1000 LED High Bay Luminaires installed throughout Tata Steel sites in the UK
- Part of a Europe wide rollout programme
- Over 50,000 hours of maintenance free operation

Tata Steel operates in 26 countries with commercial offices in over 35 countries. In Europe, Tata Steel are the second largest steel producer serving many demanding markets worldwide, including Aerospace, Automotive, Construction, Rail, Shipbuilding and Consumer Products. Their markets are complex and diverse.

Luceco, part of Nexus Industries, were delighted to have been chosen as the LED lighting supplier for a refurbishment rollout programme across many of Tata's sites in the UK, including Scunthorpe, Port Talbot, Llanwern and Corby. Last year, over **1000 High Bay LED luminaires** were installed replacing old 400W SON High Bay fittings. The **High Bay** is available in 120W and 200W options offering high efficacy and provides an ideal replacement to HID 250W – 400W fittings. Recommended for ceiling heights of 6 to 12 meters, the **High Bay** comes

BEFORE



AFTER



with an integrated driver, pre wired with 1.5m of Ho5RN-F rubber cable and provides over 50,000 hours of maintenance free operation.

Tata Steel are dedicated to managing their operations responsibly whilst being respectful to the environment. Energy saving, cost effective, environmentally friendly LED Lighting further demonstrates their care towards the communities surrounding and impacted by their operations.



Education



Highfield School in Letchworth boasts an impressive state-of-the-art facility providing a suburb environment for learning for over 1000 students. Original school buildings erected in the 1960's have been replaced with a new £15M facility. Funding for the scheme was secured through the priority schools building programme which is operated by the Education Funding Agency. The new school benefits from improved classrooms, communal and circulation areas and new sports and recreational facilities where the old school was originally sited.

Pupil and staff movement around the school played an important role in the lighting design, uniformity of the lighting and good luminaire choice for flexible learning spaces was key in the design process. The use of modular and circular **LED LuxPanels** in corridors and walkways provided non-obtrusive but effective lighting in high traffic areas. **LuxPanel** requires no maintenance over its lifetime with over 50,000 hours of operational life as does the **Linear Academy** luminaires installed in Circulation and Dining Rooms. **IP65 Climate LED** luminaires were used in Plant and Storage areas and versatile IP65 rated **LED Atlas**

luminaires were installed on stairwells external areas.

Luceco's Post Top **Amenity Lanterns** were also used externally, ensuring effective lighting meeting basic safety requirements yet sympathetically enhancing the outside space, often used for a number of important functions from circulation and break out to recreation and sporting activities.

“During the design process we needed to focus on efficiency, effectiveness, and longevity. Luceco met these requirements and worked with us to achieve a highly aesthetically pleasing installation in addition to fulfilling the needs of the school.”

Mark Storey from electrical contractors, Integral UK.



Healthcare



Case Study - Ashfields Primary Care Centre

- 700 luminaires installed including Edgelit LuxPanel & Circular LuxPanel and Climate
- Over £15,000 per year savings
- Return on Investment under 3 years
- 50 tonnes of CO₂ saved per year

"To improve the health and well-being of the people of Sandbach using the resources that we have as effectively as possible" - highlighting Ashfields commitment to continually develop their already large, modern, one-stop centre.

The 30,000 sq ft purpose built centre covers two floors with thirteen GP consulting rooms, a large physiotherapy unit, hydrotherapy pool and a wide range of enhanced services such as minor surgery. It also has meeting/teaching rooms along with a conference suite. Part of the centres ongoing development programme was to address issues faced with the ageing fluorescent lighting - dark corridors, dim consulting rooms and gloomy waiting areas.

The solution was found by using the Luceco Specification Service which provided a full



lighting plan of the proposed works with retrofit and replacement recommendations, including detailed figures for return on investment, Co₂ savings, year-by-year and gross savings, plus highlighting how much extra light the new LED product would provide to improve each area.

Using Circular LuxPanel, the design team focussed patient attention on transit and information areas such as corridors, entrances/exits and reception, whilst using Edgelit Luxpanel to improve the feeling of well-being in the waiting areas and consulting rooms.

Climate LED array was used to great effect in the Hydrotherapy area where a water resistant IP rating was required, also the plant room and stores which demand the impact resilience assured by Climate's IKo8 rating.



Retail



Luceco have supplied over 10,000 high efficiency LED LuxPanels to Blakemore Retail stores throughout the UK as part of a lighting refurbishment rollout. Spar have over 12,500 stores in 42 countries throughout the world with over 2,300 outlets in the UK. Electrical and Mechanical Services Contractors, H E Barnes from Sheffield have installed LuxPanels delivering up to 50,000 hours operational life with no maintenance or re-lamping requirements. This benefits the environment in terms of energy efficiency and lamp disposal, and is the ideal lighting solution for retail environments with high volume operating hours.

Simple to install with remote 'plug and play' drivers, LuxPanels offer a unique design, the high efficiency LED panels have a completely frameless appearance and boasts a market leading efficacy of 152 Llm/cW and are available in DALI dimmable and emergency options.



Circular LuxPanels were installed in promotional areas including branded fast food and delicatessen counters such as Subway franchises, or where the architecture of the building or the shop fitting structure allowed for creative lighting. Featuring slim framed panels, Circular LuxPanels offer excellent luminous uniformity and can be supplied as standard, with emergency packs or with dimmable remote drivers in 240, 180, 150 and 120mm sizes, further demonstrating the diversity of the LuxPanel range. Other commercial LED downlights from Luceco were also used highlighting specific areas of the shop floor.





Luceco has recently supplied LED luminaires for an £11M sports facility, the new home for Kendal Rugby Union Football Club (KRUFCL). The brand-new facility benefits from two large hospitality areas and a viewing balcony overseeing two pitches, one grass and one all-weather surface, a restaurant, physio practice and a Community Gymnasium, Esteem.

Matt Leathern from building services engineers, Fearup Associates, designed and specified the lighting programme in conjunction with lighting designers at Luceco.

P Wright Electrical based in Kendal, were the electrical contractors for the overall project and undertook the installation. Paul Wright said 'the client was looking to create a sports hub for Kendal as well as a new home for the Kendal Rugby team. They wished to build an outstanding venue for sporting events and hospitality functions. Working with Luceco we installed over 560 LED Luminaires, including Platinum Downlighters in the gym, corridors and reception areas and LuxPanels in the offices and changing rooms. LED Dali Dimmable Dual Switched downlights were used in the lounge bar and main function rooms, with colour changing



LED strips to give a modern and interesting twist in these areas and something special for hospitality events'.

LED 600 x 600 square LuxPanels were installed in offices and consulting rooms with IP65 rated Circular LuxPanels used in changing rooms, shower facilities and WCs. LuxPanel requires no maintenance over its lifetime with over 50,000 hours of operational life as does the IP65 Climate LED luminaire used in kitchens and servery, cellar and various storage areas.

Platinum downlighters were installed in the main entrance area, lounge bar, corridors throughout the clubhouse, gymnasium, and shop. Platinum features easy fit positive locating swing out tabs and running cost savings of up to 80% when compared to traditional luminaires and has an impressive efficacy of up to 130 Lm/cw. Versatile IP65 rated LED Atlas luminaires were used on stairwells also with over 50,000 hours of maintenance free operation.

The new facilities at Kendal RUFC will ensure that the Black & Amber's enjoy a state of the art venue to continue their club's flying success on and off the field.

