

LED Lighting
for Hospitality,
Leisure, Hotel,
Restaurant & Cafe

LUCECO

LED Lighting for Hospitality, Leisure, Hotel, Restaurant & Cafe

Light in the Leisure industry sector is essential to the presentation of the service being offered and the creation of a conducive atmosphere to promote a pleasant environment to work, dine or relax. However, with increasing pressure for buildings to be environmentally friendly and energy efficient, the choice of lighting products has to be carefully considered. As maintenance costs are constantly scrutinised, high efficiency, long life, energy saving LED lighting provides the perfect solution to leisure applications.



**Comprehensive
Guarantees**



**Carbon Trust
Accredited**

**ACCREDITED
SUPPLIER**



**Enhanced Capital
Allowance Eligibility**



**Lighting Industry
Association Member**



Why LED?

Reduced Carbon Emissions

LED converts up to **80% of energy into light**. This both reduces energy costs and dramatically reduces carbon emission.

Cost Effective

The true cost of traditional light sources is not only in its energy consumption. There is also maintenance over its lifetime, replacement lamps and disposal costs. With LED, these costs don't exist. LED is a Fit-&-Forget solution.

Instant Light & No Flicker

LEDs produce **100% light instantly**, with none of the warm up time required by fluorescent. Plus they are **free of visible flicker** - ideal to help prevent discomfort associated with traditional lighting.

Safe Lighting

LEDs emit minimal Ultra Violet light (UV). UV light attracts insects and can be harmful to skin, clothing and artwork. Heat emissions are greatly reduced with LED, which means they are cool to touch and perfect for heat sensitive applications.

Long Life

The life of LED is between **4 and 40 times greater than traditional products**.

What's more, they produce **consistent light output** over their entire life.

Durability

LEDs do not contain a filament that can be damaged by shock and vibration – making LED one of the most **stable light sources available**.



LED

Reception





Foyers and reception areas have to meet the practical requirements of the business, but they are often the first impression a prospective client may see. Good lighting design can create a bright and welcoming space, architectural lighting can be used to accentuate areas of specific interest such as imagery and corporate livery.

Atom Downlight



- Available finishes: **Polished chrome, brushed steel** and **white bezel** finishes
- Module, bracket and bezel included
- **Dimmable**
- **True halogen appearance**
- Fully tested to 30, 60 and 90 minute **fire resistance**
- Building Regulation Parts B, C and E compliant



White



Polished chrome

Luxband



- **RGB 16 Colour and White** LED Strip available
- 5 metre LED strip
- 3M adhesive tape for positive fixing





Circulation Spaces
Stairways & Corridors





Circulation areas serve many purposes, from an informal meeting place to a central area between function rooms. There will often be corridors and stairs so should be carefully lit to enable safe movement but ensuring a relaxing ambience is maintained throughout the transition from room to room.

Platinum Downlights

- Ideal alternative to CFL downlights
- Suitable for 203mm-210mm cutout, recommended 205mm
- **Easy fit** positive locating swing tabs
- **50,000 hour life with consistent light output** for the duration
- Supplied with white bezel
- **Matt & Gloss Reflector** available



Aternative, Decorative glass & IP65 bezels available

Kitchens, Plant Rooms, Storage Areas, Loading Bays & Carparks





LED

Plant rooms, storage / loading areas and car parks often have low levels of natural light. Therefore, a lighting scheme needs to be carefully considered to create a safe working area using luminaires made to withstand the demands of an industrial environment including high ingress protection and robust construction.

Climate

- Designed for surface mount applications in kitchens, plant rooms, storage areas, loading bays and carparks
- Stainless steel anti-tamper clips for **extra safety** and optional PIR presence detector available to save energy
- **Polycarbonate body and diffuser**
- **50,000 hour life with consistent light output**



Conference Facilities & Meeting Rooms





Conference facilities and meeting rooms are often multipurpose spaces, providing a private environment in which business discussion can take place or a venue for networking with a larger audience. Lighting levels will vary depending on the tasks being executed and the natural day light available.

LuxPanel

- **Fast return on investment**, low energy consumption and CO₂ emissions
- Possible **energy savings of 80%** compared to fluorescent
- **Maintenance free** - no lamp replacement required
- **50,000 hour life with consistent light output**



Fitness & Wellbeing



Lighting within fitness and leisure facilities varies dramatically according to the environment. Poolside and changing areas require luminaires with protection against water ingress, fitness and gyms need lighting to

stimulate and energise the activity of its inhabitants. Carefully planned lighting will help to ensure a safe environment for both relaxing and active pursuits alike.



Luxpanel

- Available with Surface Mounting Frame
- Fast return on investment, low energy consumption and CO2 emissions
- Possible energy savings of 80% compared to fluorescent
- Maintenance free - no lamp replacement required
- 50,000 hour life with consistent light output for the duration
- Environmentally friendly - contains no mercury or other toxins. Fully recyclable
- Simple on-site assembly



Guest Rooms



Bedrooms should be relaxing spaces, but task lighting over desk areas and the ability to read comfortably has to be considered. Illumination in bedrooms often carries the corporate style of the brand or building, so energy saving, long life and cost effective LED lamps that fits into existing fixtures provides a perfect solution to guest room lighting.

Lamps & Tubes

- Environmentally friendly
 - Mercury free
- Save money - LED lamps look the same as traditional lamps and tubes, using a fraction of the energy
- Save energy - up to 90%
- Dimmable options available
- Instant 100% output
- Fits into existing fittings - just install your new LED lamps and start saving money



GU10
Truefit



CLASSIC
A60



CANDLE
C30



MR16
Truefit



T8
Tube range



MINI GLOBE
B45



R SERIES



FILAMENTS



GU10 GLASS



PAR



CAPSULES



CORN



Walkway, Back of House,
& External Spaces



Due to their nature, these areas are often constantly lit even when not in use. Clever use of lighting controls can further reduce energy consumption, using integral microwave sensors programmed to reduce the lux level and wattage of the luminaire. This allows energy to be saved without reducing the communal area to darkness, providing a safe lit environment for users.



Die-cast metal accessories

Atlas Bulkhead

- **Multiple mounting options** include ceiling surface, ceiling semi-recessed and wall mounted
- **IP65 Rated** - protected against water and dust
- Microwave presence detector option switches the light output from 100% - 10% or off
- Die-cast metal accessories provide **tamper and vandal resistance**
- **Dusk-till-dawn** option - Automatically switches off at dawn and on at dusk





Feature Lighting



Considered use of lighting can accentuate certain areas of a space and draw an audience to a particular part of a room.
LED Track mounted lighting is highly

efficient, particularly in areas with high operating hours and allows reconfiguration to ensure a promotional feature is well lit.

Track Spot

- Spotlight for 3 circuit lighting track
- Track not included
- Allows a tilt of **90°** and a **350° swivel**
- Integral fixed output driver
- **Highly efficient**
- **Generate less heat, UV & IR free** compared to traditional track lights
- Universal track adaptor for use on popular 3 circuit mains track system



Luxband

- **RGB 16 Colour and White** LED Strip available
- 5 metre LED strip
- 3M adhesive tape for positive fixing





Emergency Lighting



BS EN 1838:(BS5266-7) specifies the luminous requirements for emergency lighting systems installed in premises where such systems are required.

There are numerous requirements including emergency escape lighting, escape route lighting, standby lighting, high risk task lighting areas as well as open area emergency lighting.



Emergency Lighting

- A range of luminaires specifically designed to provide **optimum emergency lighting**
- **Self-contained** emergency products with control gear and batteries included
- Products to **suit both indoor and outdoor environments**
- Using latest ISO 7010 Legend format
- Luminaires designed to meet European Standards EN 60598-2-22
- Viewing distances of up to 32m



EXIT BOX



IP65 BULKHEAD



DECORATIVE EXIT



DOWNLIGHT



EMERGENCY REMOTE DOWNLIGHT



IP65 BULKHEAD

Outdoor

The logo consists of the letters "LED" in a bold, sans-serif font. The letter "E" is stylized with a yellow horizontal bar through its middle, and the letters "L" and "D" are in a dark green color. All three letters are enclosed within a circular border.



Safety and security are the primary reasons for Amenity lighting in public outside spaces. Due to long operating hours, energy efficient and maintenance free Commercial Floodlights and Buried Uplights provide the ideal solution.

Good lighting design can also enhance an outside space transforming the area to be more attractive and comfortable to use.

Commercial Floodlights

- Maintenance free
- Durable powder coated aluminium coating (RAL 7026)
- Alternative to HID floodlights up to 400W
- 2m of H05RN-F rubber cable
- Fixed output integrated driver



Buried Uplight

- Fixed beam
- 2500kg max loading
- Low surface temperature glass



Case Studies



“FIT FOR PURPOSE” LIGHTING AT WILLIAM PENN LEISURE CENTRE

William Penn Leisure Centre in Rickmansworth has a newly refurbished gym with over 60 stations, fitness studios, swimming pool, sauna and steam room, sports hall and an all weather pitch.

After new state of the art fitness equipment had been installed at William Penn Leisure Centre, the air conditioned gym has also benefitted from a makeover including a lighting refurbishment in the studios and surrounding corridors. LED LuxPanel luminaires from Luceco have been installed ensuring a well-lit environment to work out in.



With 50,000 hours of maintenance free life and significant energy savings over traditional light sources, the LuxPanel is supplied with remote 'plug and play' drivers and are quick and easy to install and produce consistent light output over their entire life, with 100% instant light with no warm up time as required by fluorescent lamp luminaires.

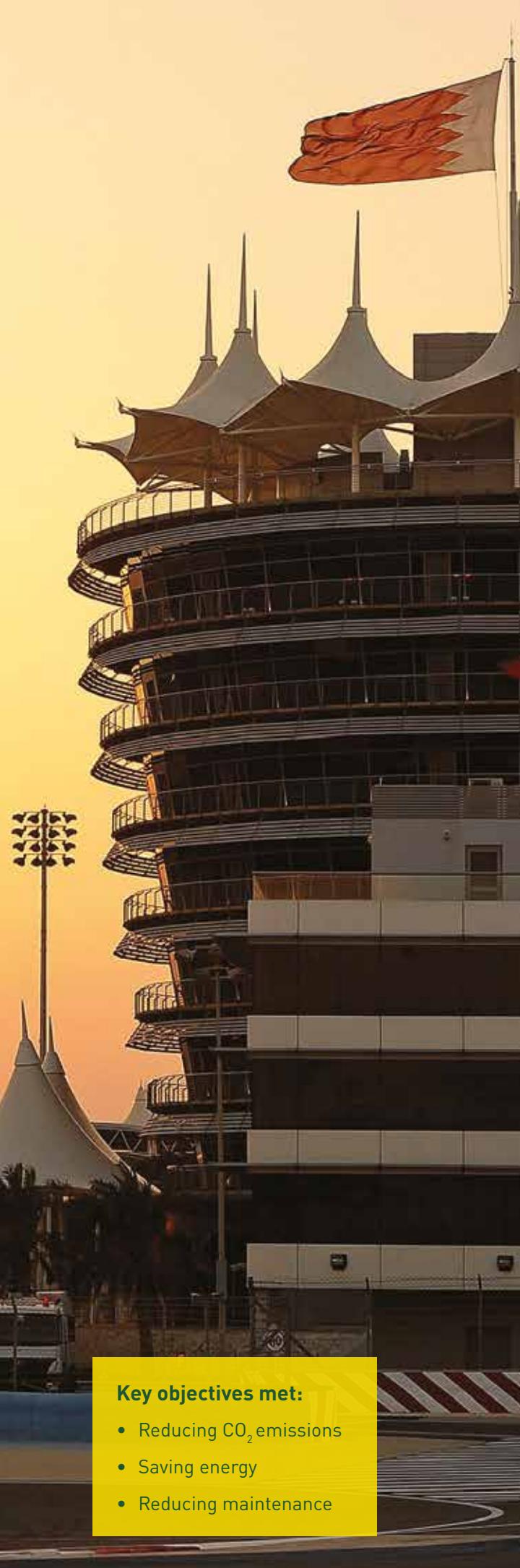
With such attractive vital statistics, the LuxPanel installation has proved totally "fit" for purpose and "worked out" well for all concerned.

Key objectives met:

- Reducing CO₂ emissions
- Saving energy
- Reducing maintenance

Case Studies





Key objectives met:

- Reducing CO₂ emissions
- Saving energy
- Reducing maintenance

ATLAS A ROARING SUCCESS AT BAHRAIN INTERNATIONAL CIRCUIT

Project overview:

- To improve the lighting in corridors and test track walls
- Meet environmental considerations by reducing energy consumption

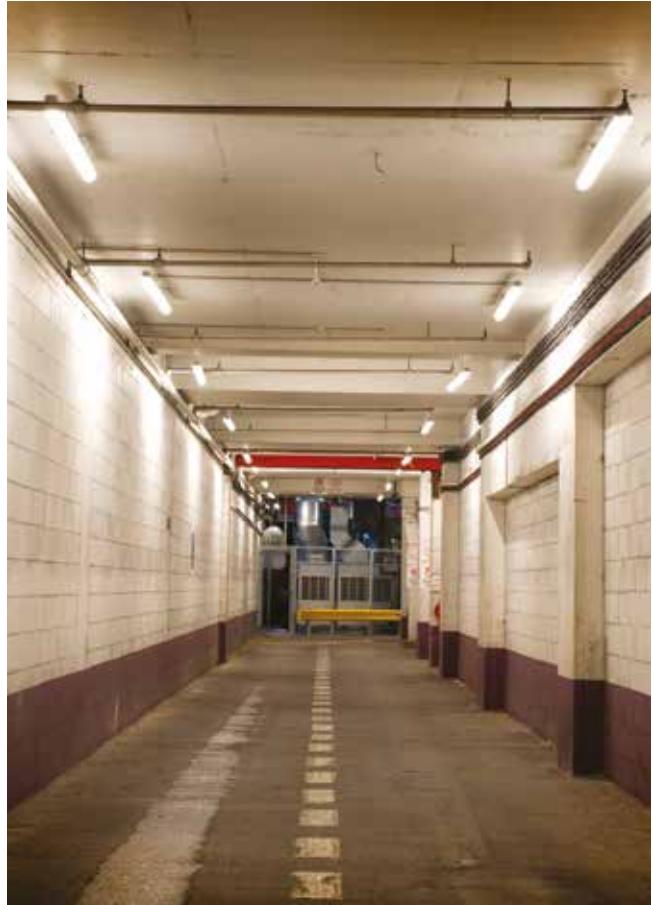
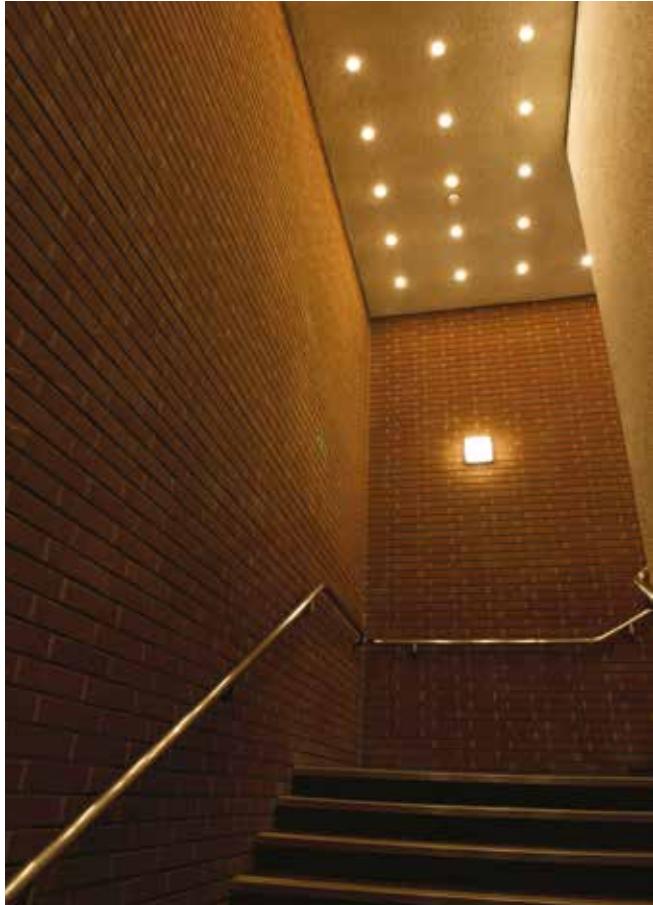
Considered as a national venue for the country, the Bahrain International Circuit (BIC) was initiated by the Crown Prince, Shaikh Salman bin Hamad Al Khalifa and the construction completed just in time for the 2004 Bahrain Grand Prix. The race track became the first Grand Prix circuit to be presented with an award of Excellence for safety and high standards of technology.

Luceco, part of Nexus Industries, along with supply partner, Al Bait in Bahrain, provided lighting solutions to improve the lit area in the corridors and test track walls at the BIC. Over 545 Atlas luminaires were used in these areas, an attractive alternative to 28 and 38 watt traditional fluorescent fittings. Energy consumption was reduced by using the integral microwave sensor version with the corridor function selected. This allows the luminaire to reduce the light level and wattage to operate at 10% of the light output when the space is not in use. This allowed energy to be saved without reducing the communal areas and corridors to darkness.

Over 8000 Watts of energy were saved by converting the existing 2 X 26W traditional lamp fittings to Luceco LED Atlas Luminaires. Boasting an impressive 50,000 hours of maintenance free operation, the LED Atlas provides an environmentally friendly, cost effective, energy efficient lighting solution - a roaring success at Bahrain International Circuit

Case Studies





KENSINGTON TOWN HALL

Project overview:

- **85% energy saving** on retrofit replacement lamps
- **Over 50,000 hours of maintenance free LED lighting** in car parking facilities

With the council amalgamation of Kensington with Chelsea during the 1970's the former town halls were replaced with Kensington Town Hall in Hornton Street. Opened in 1977, it provides offices for the local council as well as many other functions, the Great Hall can seat up to 820 people.

The Theatre Lobby area at the Town Hall has recently been re-lamped with **LED Mini Globes** from Luceco. The **LED Mini Globe** offers a huge **85% energy saving** versus tungsten filament lamps with double the lifetime of CFL lamps. With no requirement to replace fittings, the Mini Globe can be easily installed and has the same appearance as traditional lamps but using a fraction of the energy.

Amey is one of the largest and most diverse companies working for the public and regulated sectors in the UK, aiming to create better places for people to live and work. Amey installed **LED Climate luminaires** in many of the service areas back of house and in the multistory car parking facilities. Robust with an **IP65 rating**, the Climate is an ideal replacement for existing linear fluorescent fittings, boasting an impressive **50,000 hours of maintenance free operation** providing an **environmentally friendly, cost effective, energy efficient lighting solution**. Luceco were pleased to have been selected as the lighting supplier of choice for this project at the Kensington Town Hall.

Key objectives met:

- Reducing CO₂ emissions
- Saving energy
- Reducing maintenance

Case Studies



DUBAI RACING CLUB UAE

Project overview:

- World famous sporting application for Luceco Commercial Floodlighting
- 65% energy savings over conventional 400W Metal Halide fittings
- Carbon emissions reduced by 740 tonnes per year

Horseracing began in the Emirate in 1981, when a camel track hosted the first thoroughbred race meeting. In 1992 the Dubai Racing Club was established and the official opening at Nad Al Sheba Racecourse. The Dubai World Cup was first held in 1996 with the architectural masterpiece, the Meydan Grandstand opening in 2010, the

world's largest integrated racing facility, with a seating capacity for over 60,000.

Significant steps have been taken towards Dubai's energy conservation targets to make the Emirate cleaner and greener by 2021. As a part of this programme and ahead of The Dubai World Cup, Luceco energy efficient LED floodlights have recently been installed. Conventional 400W Metal Halide floodlights were replaced with 180W LED Floodlights, providing a 65% energy saving and reducing carbon emission by 740 tonnes annually.

Supplied with H05RN-F rubber cable and fixed output integrated driver, the Commercial Floodlight range offers an energy efficient and cost effective alternative to HID floodlights up to 400W. Boasting over 50,000 hours of maintenance free operation, the Commercial Floodlight range from Luceco is an environmentally friendly, cost effective, energy efficient lighting solution that's definitely worth backing to win!

Key objectives met:

- Reducing CO₂ emissions
- Saving energy
- Reducing maintenance

THE CENTRAL MALL, KHALIFA CITY, ABU DHABI

Project overview:

- The first Shopping Mall in Abu Dhabi to be fully equipped with LED lighting technology.
- Significant operational benefits of **reduced carbon emissions and maintenance** to the client.
- Over **1800 LED luminaires supplied**.

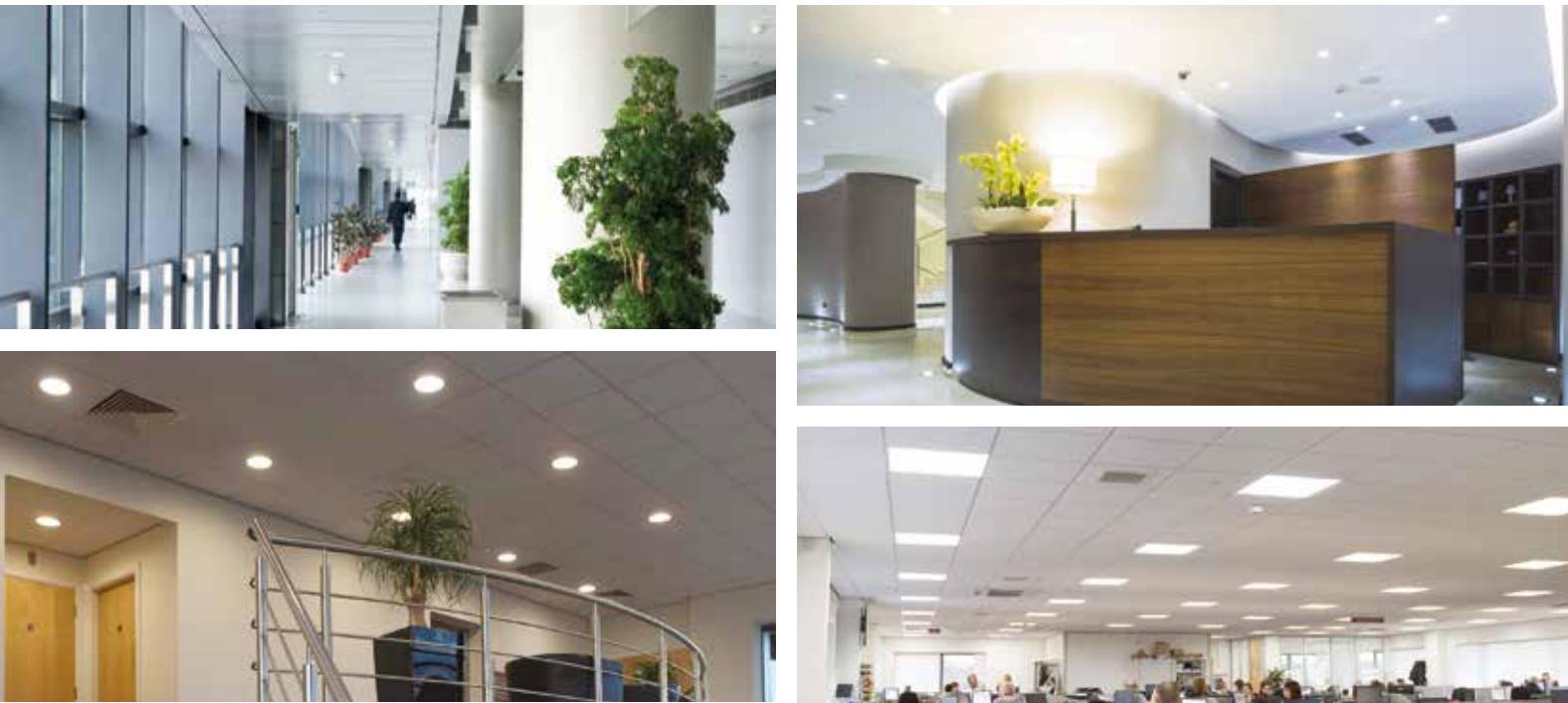
The Central Mall will be one of the major shopping destinations in Khalifa City, Abu Dhabi. Luceco, part of Nexus Industries, has successfully supplied an LED lighting solutions package for this prestigious project, the key product utilised was the **LED Indus linkable high output linear luminaire**. Offering

50,000 hours of maintenance free operation, the Indus is supplied with mounting brackets suitable for surface, trunking or suspension mounting and can be linked into linear arrays with accessories.

The Hypermarket and branded showrooms at The Central Mall will be the first Shopping Mall in Abu Dhabi to be fully equipped with LED lighting, providing significant operational benefits to the client. Investment and operational analysis shows that a new LED lighting installation **reduces carbon emissions** and maintenance significantly, plus **reduced operational costs** and **improved energy efficiency performance**.

The contract to supply The Central Mall in Khalifa City, Abu Dhabi confirms Luceco's position as a **leading and innovative supplier of LED lighting solutions** for major retail projects as well as representing a milestone as the first Shopping Mall Abu Dhabi to be fully equipped with LED lighting technology.





HEAD OFFICE:

Email: info@luceco.com

Luceco Ltd, Caparo House
103 Baker Street, London
England, W1U 6LN

UK:

Tel: +44 (0)1952 238 100
Email: uk_sales@luceco.com

Luceco Ltd
Nexus Distribution Centre
Stafford Park 1, Telford
Shropshire, England, TF3 3BD

GERMANY:

Tel: +49 40 89066 878 - 0
Email: eu_sales@luceco.com

Nexus Industries GmbH
Holstenplatz 20b
22765 Hamburg, Germany

FRANCE:

Tel: +33 (0)1 61 10 10 35
Email: fr_sales@luceco.fr

Luceco SAS France & Belux
3 Rue de Courtalin
Magny Le Hongre 77700
Paris, France

ITALY:

Tel: +39 0434 1696795
Email: it_sales@luceco.co

Nexus Italia, Via Amman 10
33170 Pordenone, Italy

SPAIN:

Tel: +34 93 829 55 75
Email: es_sales@luceco.com

Nexus Industries LTD
C/ Bobinadora 1-5
08302 Mataró
Barcelona (SPAIN)

MIDDLE EAST:

Tel: +971 4 609 1867
Email: mea_sales@luceco.uk

Luceco Middle East FZE
Bldg. 5EB, Office 342
PO Box 371128, DAFZA
Dubai, UAE

ASIA PACIFIC:

Tel: +86 (0)573 8357 0200
Email: asia_sales@luceco.cn

No 1438, Jiachuang Road
Xizhou Industrial Park, Jiaxing
Zhejiang, China, P.C. 314031

UNITED STATES:

Tel: +1 281 978 2509
Email: us_sales@luceco.com

Luceco Inc, 11050 W Little York Road
Building C-1, Houston, TX 77041, USA

MEXICO & LATIN AMERICA:

Tel: +52 (81) 5000 9437
Email: ventas@luceco.mx

Luceco México S. de R.L. de C.V.
Batallón de San Patricio #109 Sur, Col.
Valle Oriente, San Pedro Garza García
N.L. México CP 66260
(Torre Avalanz, Piso #20, Oficina 2009)

AFRICA:

Tel: +27 11 432 6779
Email: africa_sales@luceco.com

Unit 2, Cedarwood Office Park
Cnr. Western Service and
Mount Lebanon Road, Woodmead
South Africa, 2144