



Dextra
GROUP PLC

dextragroup.co.uk

A leading UK
manufacturer of
energy efficient
lighting





Our home in Gillingham, Dorset

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DEXTRA HISTORY

1978

Company founded by current owner Rupert Martin in a startup unit in Dorset producing simple luminaires to suit suspended ceilings

1990

Changed from Limited Company to a plc

1994

Installed first **Salvagnini** automatic folding machine

1999

Bespoke **Wemo T8 Automatic Louvre** Component Production installed

2008

The company broke the **£50million** annual turnover barrier

2011

Dexretail Ltd., established to meet the specific demands of the retail industry in respect of product range

2013

First **Surface Mount Technology** facility installed, making Dextra Group plc. fully self sufficient

2016

Now operating from **23.000m²** manufacturing premises in Gillingham, Dorset

2017

Box on Demand equipment and **sheet plastic router** equipment installed

2019

Wiring looms now made in house

1981

Relocated to **new premises** at existing location, 1,180m² to extend range and house additional production equipment

1992

First own brand contract secured with major National Wholesalers

1996

First **Robotic Wiring Machine** installed, the first of 6

2008

In response to the requirement of global specifiers, the subsidiaries Dexeco specialising in energy efficient products, Dexsor, designing and producing sensors and Dexreco recycling in accordance with WEEE regulations were established. **Dextra Group plc. formed as holding company**

2010

Wemo T5 Rocket, an automatic crossblade maker installed

2012

LEDextra Ltd., set up, supplying quality branded premium LED lighting systems

2014

LEDex Specialist Electronics established with a £4million investment in SMT machinery

2016

5th SMT line installed in our specialist electronics unit

2018

Celebrated 40th anniversary year

2020

Investment in two new Salvagninis with the latest metal working technology, Aluminium Processing and 3D Commercial printing facilities



LUMINAIRE DESIGN

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We have the latest 3D modelling and photometric design software so our designers are able to achieve a real life visualisation of new product concepts and their capabilities.

It is supported by a rapid prototyping 3D printer and a multi-axis CNC machining centre which enables us to test 'real life' items.

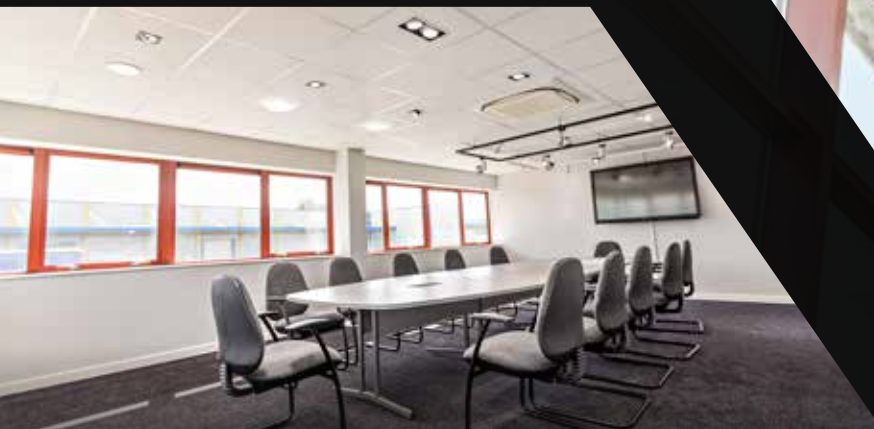


TESTING FACILITY

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Our own laboratories with 2 photometers, 2 integrating spheres, a thermal test chamber and EMC testing equipment allows up to date legislation on all products to be met and passed in minimal time.





SALES

A team of UK based specification and key account managers are supported by internal co-ordinators to manage projects from conception to completion.

VISITOR CENTRE

Our newly renovated Visitor Centre with individual demo areas showcases all aspects of the Group's products.

The fully equipped conferencing facility is situated at the heart of our premises, providing an excellent vantage point over the entire site and is centrally placed for our numerous site visits.





CCT & CRI DEMO ROOM



The new demonstration suite enables us to provide our clients with a better understanding of the differences between correlated colour temperature (CCT) and the colour rendering index (CRI).

The suite contains two identical bays that are individually controlled. They can each be cycled between 2700K and 6500K in both CRI80 and CRI90 at a range of different pre-set LUX levels. Clients can bring along their own merchandise to place into the bays so that they can visualise and compare their products under a variety of different lighting conditions.

This area is also a showcase for the latest LED innovations from Philips including their Premium White, Premium Colour, Premium Red, Food Warm White and Crisp White COB's. This provides a great opportunity for retailers to gain a deeper understanding of this technology and how it can impact our visual perception of colours and textures.

LIGHTING DESIGN

Dextra Group's Lighting Design team occupy a specialist centre comprising of office area, control demo room and workshop area and meeting room.

Providing solutions and giving advice to our customers relating to lighting / lighting control and product technicalities. Equipped with the latest high tech computer hardware, we are able to utilise the latest versions of our lighting simulation software and Auto CAD.

Lighting designs, together with lighting control proposals, are presented in Auto CAD with 3D modelling / visualisation and full Relux / Dialux lighting calculations ensuring a precise, clear and thorough presentation.





SPECIALIST ELECTRONICS UNIT

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Our five PCB production machines, with the capacity to place 3,000,000 LED chips per week on our in-house designed and made light engines. This brings a new level of flexibility to the design and production of luminaires. The LEDs used in our production offer market leading efficiency, colour consistency and lifetime with 90% lumen maintenance at 60,000 operating hours verified with 10,000 hours of LM80 testing.



METAL WORK



Our industry leading range of automated punching, lasering, folding and milling machinery gives us a distinct advantage over all our UK and mainland Europe competitors.



PAINTLINES

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Complementing our metal working equipment are two ultra-modern, clean, highly efficient and flexible paintlines using the latest powder booth technology. Colour changing can take as little as 10 minutes.





WIRING & ASSEMBLY

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Our refurbished and re-equipped production space accommodates our extremely high percentage of LED products and is specially designed to support our JIT ability.





ROUTING

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Our high performance automatic CNC router enables intricate profiles to be created in both plastics and alloys. With a flatbed size of 3x2m and able to work with materials with a thickness up to 40mm, this has been a great addition to our manufacturing capabilities enabling us to design and create new innovative lighting and display products.



BOX ON DEMAND & PACKING

“ ‘Box on Demand’ equipment linked to our bespoke works order system enables us to tailor the packaging to the individual product or a customer’s requirement.

A new equipment upgrade that utilises slot and tab features will negate the need for tape usage, enable boxes to be reused and assist our commitment to reduce the environmental impact of our business operations.



WAREHOUSE

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We have capacity for over 7000 pallet spaces to accommodate a large amount of raw materials and goods awaiting transportation.



DEXTRA GROUP CONTINUE TO INVEST IN UK MANUFACTURING

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The recent addition of two new Salvagninis with the latest metal working technology, Aluminium Processing and 3D Commercial printing facilities enhances the already impressive array of cutting edge manufacturing equipment. This supports the company's 'just in time' manufacturing ethos and enables the design and manufacture of exciting and innovative new product ranges.

Our commitment to UK manufacturing places the company at the forefront of the British lighting industry.





TRANSPORT & HGV VEHICLE MAINTENANCE CENTRE

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Our substantial mixed fleet of liveried vehicles, many with mounted forklifts for fast unloading where a client's facility may be limited, is the last link in our JIT systems. Recent investment in a fully equipped in-house maintenance facility ensures our modern fleet is not only efficient but a great ambassador for the company.

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CUSTOMER SERVICES

Our Customer Services Department deal with any queries that may arise during and after a purchase has been made. We endeavour to provide solutions to ensure complete customer satisfaction.



Houghton C of E School

Schools

School and Academy projects have always been an important part of the Dextra Lighting project portfolio. Dextra Lighting succeeds in bringing value both in terms of product and energy use while also providing longevity and reliability to the client.

Newcastle University

Universities

Campus life is an exciting mix of learning, social and living environments. Dextra Lighting is able to light these areas in a creative and efficient way to enthuse both students and staff.

Office

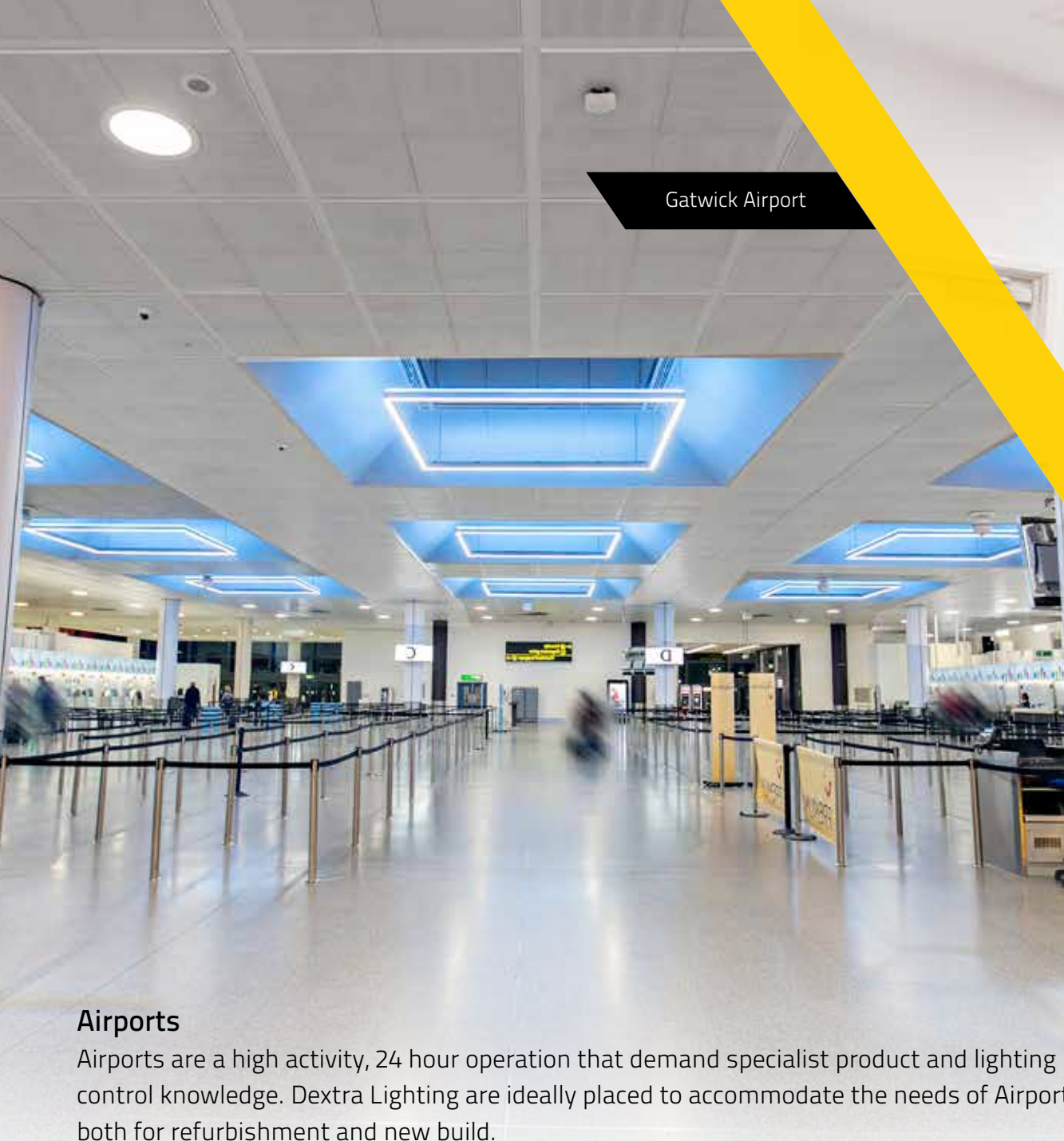
The office environment is too often a place of compliance rather than of creativity. Hence Dextra Lighting endeavours to combine colour, wellbeing and efficiency into the modern work place.

Shoosmiths

Car Showroom

Car Showrooms now provide a retail destination experience to the car buyer. They offer both comfort and visual innovation with the use of colour and design. Dextra Lighting are well placed to advise both independent and franchise customers.

Mini Car Showroom



Gatwick Airport

Airports

Airports are a high activity, 24 hour operation that demand specialist product and lighting control knowledge. Dextra Lighting are ideally placed to accommodate the needs of Airports both for refurbishment and new build.



Ealing Hospital

Health

The Health sector has a hugely diverse array of environments in which lighting is required. Dextra Lighting works side by side with this sector to deliver reliability and value on energy efficiency projects, new builds and lighting of specialist areas.

Draper Tools

Warehouses & Logistics - Low Level

Dexeco offer a range of intelligent luminaires for low level storage areas, all of which can be supplied bulk packed to minimise on-site waste. Various wattage and optic styles, in both IP20 or impact resistant IP65, combined with various integral emergency options provide both low energy and low glare solutions.

Regatta

Warehouses & Logistics - High Level

Combining the latest LED technology with precision optics ensures that both the horizontal and vertical working surfaces receive even illumination across varying aisle widths. Sensor options range from integral stand-alone operation to full central cloud control providing the greatest energy reduction and automatic emergency testing compliance.

Food Production

Food production areas often require additional consideration when it comes to providing lighting solutions. Ensuring that products do not act as dust traps and are designed to withstand the varied operating temperatures and the cleaning and maintenance regimes that are often in place.

Brakes

Storage

Dexeco offer a complete range of both high and low level lighting products for food storage applications. Ambient to -40°C operation combined with specialist controls ensures we have a solution to cover the full range of temperature controlled environments.

Arla



Southern Rail

Transport

Working directly with both Network Rail and various Train Operating Companies Dexeco have a long history of providing innovative lighting products into the rail sector. Where reliability and ease of install is paramount Dexeco have gained a reputation of being a trusted solutions partner.

South Eastern

From platforms and station buildings to train care depots and car parks, Dexeco have lighting solutions to cover all areas across the railway estate. Dexeco have also provided bespoke solutions to heritage stations, maintenance pits, gantries and sidings using a combination of retro-fit gear trays and specific designed products.

Sainsbury's

Working in partnership with some of the country's largest supermarket chains, Dexretail have developed a wide range of bespoke LED solutions that have been tailored to the specific needs of their businesses.

Co-op

The continual surge in convenience shopping and the growing trend towards fresh locally sourced produce has changed the way in which retailers present their products. Dexretail have worked with a number of convenience chains, helping them to create contrast and theatre by reducing the ambient lighting and increasing the accent lighting within their stores.

The role of lighting in fashion cannot be overstated because, when used correctly, you can create a compelling brand identity and an exciting atmosphere for your customers to explore.

Ben Sherman

Entertainer

Lighting sets the tone, the scene, it guides, it attracts, stimulates and delights. Dexretail have used lighting to help our clients create stores that are not just an engaging place to shop, but an exciting and immersive place for children to play too.



TK Maxx

Creating a stimulating environment with the correct look and feel is undoubtedly important but this does not have to be at the expense of energy. We have helped retailers to improve and transform stores across Europe whilst delivering substantial energy reductions that provide on-going benefits.

Bravissimo

Using the latest LED technology Dexretail have helped a number of our high street clients enhance the visual impact of their clothing, making whites appear whiter and colours seem more vibrant. Our products have the ability to display skin tones more naturally, make colours pop, textures stand out and give finishes more depth and lustre.



LEDextra

PREMIUM LIGHTING SYSTEMS

LEDextra supplies a broad spectrum of high quality LED lighting systems for all occasions and environments, specialising in colour changing solutions for modern architectural projects at competitive prices.

Offering customers excellent quality and cutting edge product goes hand in hand with the back-up of our in house technical and design teams, who with the benefit of Dextra Group's continuous investment in the latest software are able to support LEDextra to provide a fast and reliable service and delivery, satisfying the individual needs of the customer.

Luxury Car Showroom in Knightsbridge

Car Parks

Lighting can play a pivotal role in changing our perception of our surrounding architecture without the need to add or remove a brick. LEDextra are able to design and commission lighting systems for car parks where luminaires can be easily and accurately programmed to produce a range of fixed or dynamic colour-changing effects on to the car park's walls and facade. Alerts can be set to automatically trigger lighting show playback on specific days such as St. George's Day, Valentine's Day and during the Christmas festivities.

Isambard Brunel Car Park – Portsmouth

Corporate Branding

LEDextra are able to design and deliver an attractive and high performing solution that helps reinforce company branding / image using the latest in LED technology and flexible wireless controls to support a variety of events and activities.

AICO Centre of Excellence



A nationwide, reliable and efficient resource for all recycling of luminaire lighting products.

Dexreco Ltd., a registered AATF, caters for all luminaire disposal needs quickly and efficiently via our established UK logistic network; a responsibility that the end client can do without. Using Dextra Group's own liveried fleet of vehicles, complete with Manitous for self loading, Dexreco collects old product from site at the client's convenience. Virtually all collections are made by Dextra Group vehicles on a "back load" meaning that instead of a vehicle returning empty after making a delivery, it will stop off and make a collection. This effectively halves the amount of carbon pollution caused by the transportation of the end of life luminaires.



With rising energy costs and pressure for businesses to reduce their carbon footprint there is ever increasing demand for intelligent controls within the lighting industry.

Dextra Group recognised a unique opportunity not only to incorporate such controls into our product ranges but to develop a bespoke range of controls designed specifically for luminaire types and application areas allowing us to tailor sensor performance and functionality to the environment. Dexsor was established with this principal in mind, and from this premise a wide range of unique sensors have been developed for applications as wide ranging as offices, schools and hospitals to logistics and cold storage.





DEXTRA WIRELESS SOLUTIONS

Luminaire controls provide a wide range of benefits to end users, improving energy consumption and return on investment as well providing improved flexibility and control with fault reporting, energy consumption monitoring and emergency testing. In retrofit applications where cabling can not accommodate the necessary BUS wiring the cost of installing such a system can be prohibitive.

Dextra wireless solutions now allow a full range of control options using wireless data transmission eliminating the need to install additional wiring that would be required for a traditional DALI installation.

With a wide range of wireless solutions available in our range the functionality of your system can be selected to best meet the needs of your application allowing a wide range of luminaire control with luminaires only requiring a live, earth and neutral wiring connection and no need to modify your cabling installation.

Dextra wireless solutions can be installed in a wide range of luminaires from our range, please discuss your needs with our sales team who will be happy to help find the correct controls solution and product type for your project.

LEDex

LIGHT ENGINES

The accelerated adoption and development of LED technology has resulted in Dextra Group investing heavily in a dedicated LED PCB production facility, the first major European lighting manufacturer to do this.

Dextra Group plc, based in Gillingham, Dorset, manufactures commercial lighting. Founded by Rupert Martin, the Group Chairman, in 1978, it has grown to become a highly successful, privately owned business, in several sectors of the industry.

From its inception, service, in its true meaning, has been its mantra and investment in the finest manufacturing equipment and facilities has helped the company to reach and maintain that goal.

The introduction of LED components was seen as a great opportunity and the resulting investment has placed Dextra Group at the forefront of the UK lighting industry for both standard and special products.



This E-brochure has been created to provide an introduction to Dextra Group's Head Office facilities and market sectors the company specialises in.

Detailed information on products, case studies, awards and accreditations along with our sustainability and environmental ethos can be found on our website dextragroup.co.uk



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