



BEESWIFT THE HUB

Birmingham

Dextra
LIGHTING

ABOUT THE CLIENT

Beeswift is a manufacturer and wholesaler of Personal Protective Clothing and Equipment encompassing a wide range of safety products and high-quality workwear.

Its warehouse has significant stockholding and the in-house embroidery and badging facility ensures that it can be a 'one stop shop' for safety and workwear supplies to various industry sectors.

Recently, Beeswift took on new facilities – 144,000 sq ft of space at the Hub site, close to junction 6 of the M6 motorway, in Birmingham. Dextra worked with project consultant ECS and contractor Sigma Electrical to upgrade lighting for the company. Dextra has a strong working relationship with ECS having worked with them for over seven years. This also meant that Dextra's products already complied with ECS LIm/w specifications.



THE SOLUTION

To achieve the required lighting levels to help enhance the office areas with glare control to meet UGR, 160 Of the Modled Slim UGR were installed. The Modled Slim UGR offers a minimalist flat panel appearance with a homogenous lit diffuser. Combined with integral emergency, white tunable and wireless control, it is available in a wide range of lumen outputs, dimming and emergency options, and lay in and pull up housings for compatibility with most ceiling systems.

In the WC's and corridors, recessed downlighting was required alongside improved efficiency. As a result, 130 of Dextra's Protec LEDs were installed. As part of the well-established Protec range, this premium LED variant offers lumen output packages up to 3000lm making it suitable as a primary light source for high end specifications. For the circulation areas, lobby and stairs, 30 Amenity Decorative LED were used with integral R25 sensors.

80 Runway Continuous Surface/Suspended LEDs were selected for use in the reception and office areas. A slimline aluminium housing offers surface mounted and suspended options in either continuous runs or as individual luminaires with integral emergency. Where lighting must fulfill both architectural and practical purposes the Surface and Suspended Runway provides a seamless appearance that can be infinitely reconfigured to dramatic effect.

In the staircase areas 4 Capo LEDs were used. Combining efficiency with form the Capo LED provides an architectural solution in suspended applications for both ambient and accent lighting. With anodised spun rear housing, translucent collar available in a range of colours and opal refractor the Capo LED provides a decorative and attractive installation that can also be tailored to suit any corporate theme.



THE SOLUTION

AluLED was installed in the reception area to help highlight the reception desk. The AluLED is a compact and reliable solution for indirect lighting. The size and simple installation makes the AluLED ideal for mounting in tight shadow gaps and under lips. Also, the AluLED does away with any requirement for cutting, sticking and soldering that other indirect lighting may require.

To suit the high level lighting requirement for the racking aisles and warehouse, 220 Verteco 3's were installed. With a unique range of features and functions including integral sensor control for use up to 18M height, remote control programming, highly efficient optics and a design that allows for extremely quick and simple installation the Verteco range provides one of the quickest payback periods of any product in its marketplace. Quick and simple installation has always been key to the Verteco, which includes a wireless linking feature as an optional extra, allowing the sensor to trigger adjacent luminaires so that lighting follows the movement of staff around the building.

Finally, for the exterior of the building, 5 Opus 3 luminaires were used to help light the car parks alongside 5 Opus Column's. The Opus 3 is a versatile flood light range available in four housing sizes and a range of outputs from 1,100 to 35,000 lumens for use in a wide range of applications, both internal and external. The luminaire is available with an optional asymmetric lens aiding distribution and minimising upward light helping to avoid

light pollution. The Opus Column is an architecturally designed LED column top luminaire ideally suited to applications such as car parks and building exteriors. An IP65 rated die cast aluminium housing, marine grade matt grey paint finish and toughened glass cover, ensuring that this range is suitable for use in a wide range of applications. Also installed in the car park were 2 Opus 360's. With up to 60,000 lumen output combined with precise optics, the Opus 360 High Output is the ideal lighting solution for large open spaces.



FEATURED PRODUCTS



MODLED SLIM UGR

Overview: The Dextra MODLED Slim luminaire is designed to compliment Dextra's comprehensive fluorescent modular range of luminaires with an LED source providing excellent energy efficiency and low maintenance.



PROTEC LED

Overview: A high quality recessed LED downlight, the PROTEC LED uses the highest quality components with cutting edge optic design and a modern aesthetic



AMENITY DECORATIVE LED

Overview: The Amenity Decorative is manufactured from injection moulded polycarbonate with an opal diffuser and comes with a range of optional coloured ring attachments and semi recessing kits.



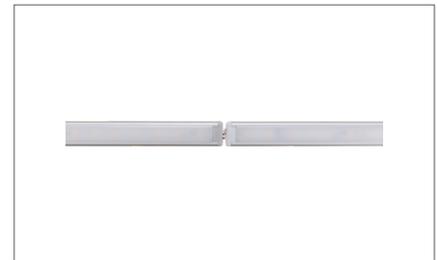
RUNWAY CONTINUOUS SURFACE/SUSPENDED

Overview: A slim line aluminium housing available in three colour options, offering surface mounted and suspended options in either continuous runs or as individual luminaires.



CAPO LED

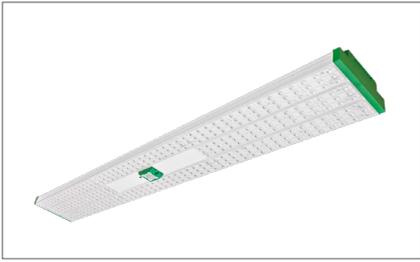
Overview: Combining efficiency with form the Capo LED provides an architectural solution in suspended applications for both ambient and accent lighting.



ALULED

Overview: A compact and reliable solution to indirect lighting

FEATURED PRODUCTS



VERTECO 3

Overview: The latest generation of the highly successful Verteco range



OPUS 3

Overview: The Opus 3 floodlight brings a wider range of variants to our original Opus LED range. With four individual housing sizes and lumen outputs from 2700lm to 24,827lm luminaire lumens.



OPUS 360

Overview: The Opus 360 complements our Opus Column range with a 360 degree distribution, ideal for car parks and similar applications.



RUNWAY RECESSED

Overview: A slim line aluminium housing available in three colour options, offering recessed in either continuous runs or as individual luminaires options.



SIREN

Overview: An LED IP65 rated weatherproof batten luminaire made from high quality injection moulded polycarbonate.