



NORTH TYNESIDE COUNCIL BLOCK A

Killingworth North Tyneside

Dextra
LIGHTING

ABOUT THE CLIENT

Killingworth is situated in North Tyneside and is best known for being a former mining community.

Built as a planned town in the 1960s, Killingworth's planners adopted a radical approach to town centre design, resulting in relatively high-rise buildings in an avant-garde and brutalist style that won awards for architecture, dynamic industry and attractive environment.

But as a result of the construction over 60 years ago, many of the buildings are now in need of refurbishment, including some of the council owned buildings.

Working with regular client, consultant A E Robb and contractor T Clarke, Dextra was asked to design and supply lighting for one of the council-owned office buildings on The Killingworth Site, and formed part of a large refurbishment project on the whole site and the second building Dextra has worked on as part of the project.

Also, all luminaires on this project needed to be approved by English Heritage as the building in question are Grade 2* listed.



THE SOLUTION

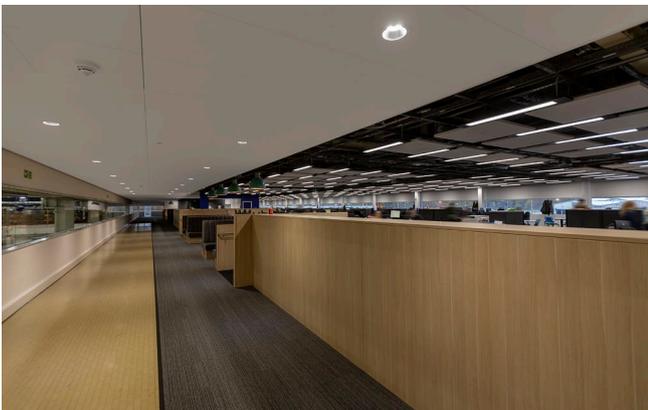
Chosen for its stylish design, Dextra's Element LED was used for the open plan office areas, where 500 were installed and customised with black bodies. The Element LED is suitable for suspended installation in both continuous run and standalone formats with bi-directional output, 40% up, 60% down. This versatility is combined with a shallow body profile and glare compliant diffuser providing a sleek appearance and compliance with the glare regulations of BSEN 12464 for use in offices and schools. For simplicity of installation the Element Continuous Run is supplied complete with through wire cabling.

In the stairwells and lobby areas, 21 Runway Surface/ Suspended luminaires were used to help modernise the area with more efficient lighting. Dextra's popular Runway Surface/ Suspended provides a slim line appearance with an extruded aluminium housing available in three colour options, offering the versatility of a range of lengths and lumen outputs as well

as bi-directional variants ensuring that you can customise a layout to create an attractive environment for both workers and customers.

On the exterior of the building, the AluLED H/O was supplied in extrusion form, with 250 installed. The size and simple installation makes AluLED ideal for mounting in tight shadow gaps and under lips. Also, AluLED negates the requirement for cutting, sticking and soldering that other indirect lighting may require. Available in both 3000k and 4000k colour temperatures, AluLED is extremely versatile, quick and efficient to install.

In the warehouse area, 42 Verteco 3 luminaires were installed. Chosen for its efficiency, the Verteco 3 had been previously used by the consultants and was found to be ideal for this project.



THE SOLUTION

The Verteco 3 has been a popular choice of the lighting market for industrial, warehousing and logistics applications. 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 allowed for extremely quick and simple installation the Verteco range provides one of the quickest payback periods of any product in this marketplace.

The Verteco 3 includes a wireless linking sensor as an optional extra, allowing the sensor to trigger adjacent luminaires so that lighting follows the movement of staff around the building. This predictive lighting system will improve the safety and working

environment for employees by increasing lux levels in their area and allowing improved visibility along aisles, whilst reducing power consumption by allowing shorter time delays to be set.

Quick and simple installation has always been key to the Verteco. Reduced installation costs provide faster return on investment whilst also minimising downtime and inconvenience on site during the installation process. These features have again been enhanced with the Verteco which is now able to incorporate a wide range of connectors and electrical adaptors for all common trunking systems on the market.

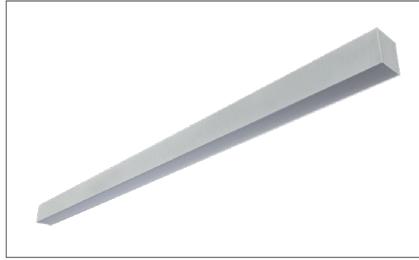


FEATURED PRODUCTS



ELEMENT

Overview: The Element is suitable for suspended installation in both continuous run and standalone formats and is available in both bi directional and downlight only variants



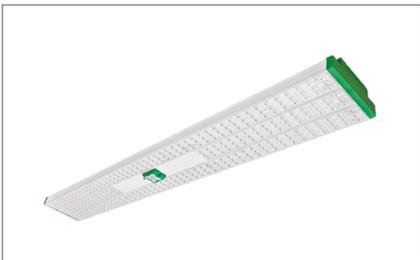
RUNWAY SURFACE/ SUSPENDED

Overview: A slim line aluminium luminaire available in three colour options suitable for surface mounted or suspended installation.



ALULED

Overview: A compact and reliable solution to indirect lighting



VERTECO 3

Overview: The latest generation of the highly successful Verteco range