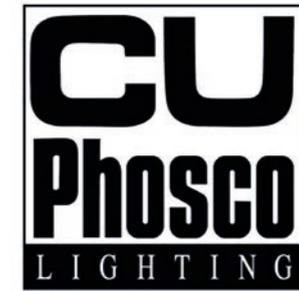




CU
Phosco
LIGHTING





CU PHOSCO LIGHTING

CU Phosco Lighting (formerly Concrete Utilities) is the longest established and premier exterior lighting group in the UK. We design and manufacture exterior lighting luminaires, floodlights, lighting columns and masts. Our lighting columns and masts range from 3m to 60m in height and can be seen on roads, motorways, at airports and ports, in shopping centres, housing estates and sports stadiums throughout the world.

CU Phosco Lighting have since 1923 led the exterior lighting market in the UK and overseas. From our Head Office in Ware we offer our customers a comprehensive package, from the initial consultation to the design and the final colour presentation of a CAD lighting scheme.

“Having worked with CU Phosco Lighting for over 20 years, I cannot recommend the staff highly enough. The technical backup is only ever a phone call away, and as a contractor, that gives us great confidence when taking on big projects.”

Graham Sheehan, Sabre Electrical Services Ltd



As we grow, so do the choices for our customers. Our range of column and masts are manufactured at our factories in Gloucestershire and Yorkshire and our floodlights and luminaires are manufactured in Hertfordshire. To be confident in providing the quality and support our customers enjoy, we manufacture products which meet the customer’s technical performance and which are also appropriate for the environment into which they will be placed.

Our lighting programme “Lighting Reality” offers our customers a simple and efficient method of utilising the comprehensive range of exterior luminaires, floodlights, amenity and period lanterns that are continuously being developed and tested at our Photometry Laboratory.

Throughout the world CU Phosco Lighting have supplied and installed High Masts and Lighting Fittings for Sports Stadiums, Airports, Seaports, Roadways and more recently for the expanding market in Telecommunications.

We look after our customer from initial consultation through to installation, final commissioning and maintenance. Our dedicated Contracts Division is able to manage your projects Worldwide. This all adds up to a level of support which is unparalleled in the lighting industry.

The Company founded in 1923 (under the railway arches at Broxbourne Station) by Charles Albert Marques M.B.E. Charles was in partnership with C R Belling of Belling electric Fires and Cookers. They founded the company to make miscellaneous concrete products. The pair later moved to Great Amwell in Ware, (this is where our Head Office still resides) and in 1925 Concrete Utilities Ltd was formed.



Founder Charles Albert Marques M.B.E. was originally from Adelaide, Australia. He enlisted in the Australian Expeditionary Force in 1914 to fight in the WW1 and with his father he was sent to Gallipoli and France. After the war both father and son decided to settle in England.

From its inception Concrete Utilities (eventually becoming CU Phosco Lighting) has been producing reliable products while incorporating cutting edge technological innovations.

1931 - We were the first to manufacture reinforced concrete lighting columns in Europe.

1950's - Phosco was founded producing a wide range of outdoor lanterns and floodlights.

1960's - We produced the first high mast lighting towers.



OUR FACTORIES



LUMINAIRES - WARE - HERTFORDSHIRE

Phosco have designed and manufactured a complete range of road lighting, amenity and floodlighting since 1965.

All metal working (drilling, milling, folding and punching) is produced by CNC controlled machines as is the application of adhesives to ensure the highest possible standards.



COLUMNS - COLEFORD - GLOUCESTERSHIRE

CU Phosco Coleford works produces our range of tubular Steel columns up to a height of 15 metres. The tubular shaft section is welded to the base section which is swaged on a CNC Hydraulic push point machine with a capacity from 193mm O/D down to 60mm O/D.

Also here we have invested in a fully automated bespoke CNC machine for the manufacturing of Tapered Tubular columns.



HIGH MASTS - WESTGATE - YORKSHIRE

Westgate manufactures High Masts up to 60 metres high, Stadium Masts to carry 150 Floodlights and Transmission Masts. The 6 metre Guillotine and 500 Ton Press are capable of cutting and folding 12mm steel. The CNC Profile Cutter produces all the flanges and base plates, operated by qualified and skilled men, welding to EN 288-287 standards.



**CU
Phosco
LIGHTING**



Our Services



TECHNICAL DEPARTMENT

Structural Department

The Technical Department is responsible for all technical aspects of CU Phosco Lightings products, including structural calculations for high masts and columns, mechanical arrangements, developments and quality assurance. The Department produces information in coherent form for the Sales Department and responds to technical enquiries. A technical library is also maintained containing relevant literature and British and European Standards.

The Drawing Office produces Sales and Works drawings for home and export contracts using the latest 3D CAD systems and flexible element analysis techniques.

Lighting Department

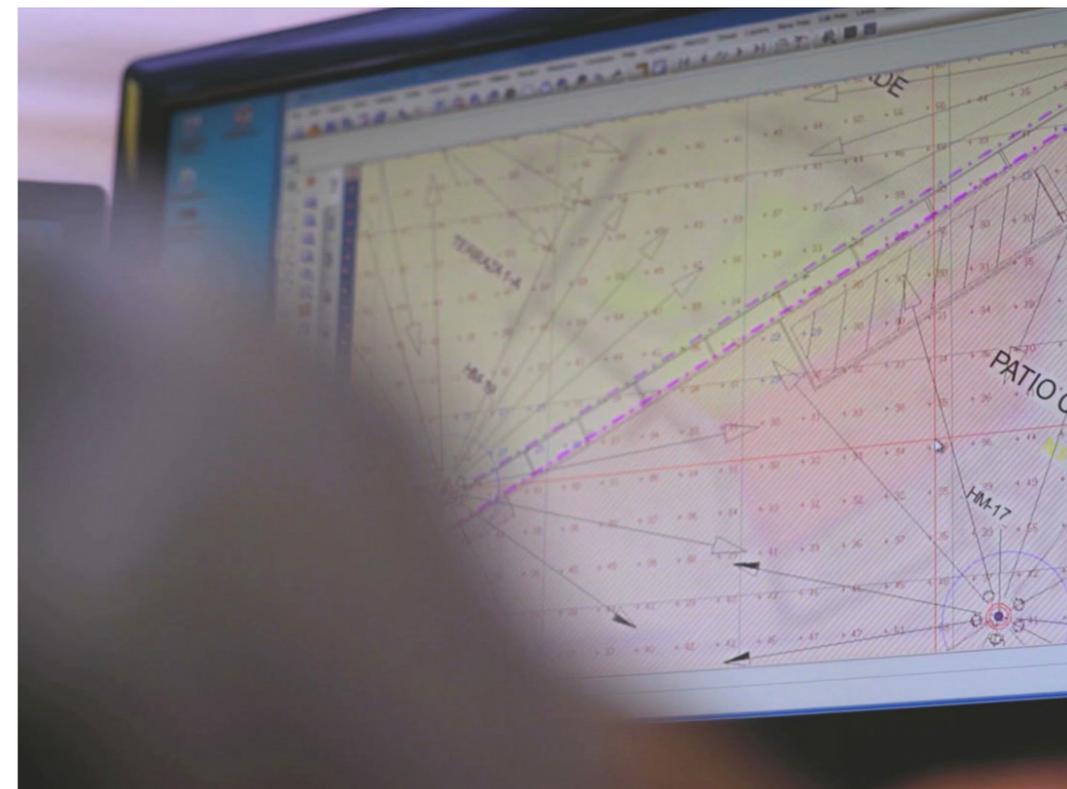
Phosco, the lighting arm of CU Phosco Lighting, design and manufacture roadway luminaires, floodlights, architectural and traditional lanterns. Committed to quality we are registered to BS EN ISO 9001:2008.

Design of our luminaires is aided by our 3D CAD system with finite element analysis to optimise the product design of our optical units unique to us. Various methods are used in the production process to improve on production techniques including

High pressure die casting and CNC controlled drilling and machinery which have increased precision, quality and repeatability of procedures impacting on the customers confidence.

At our Photometry Laboratory we take detailed photometric measurements which are directly loaded into our in-house developed lighting design program. We offer a FREE lighting design service, scanning customer's drawings or accepting them in the DWG/DXF and JPEG format. From here we will present a lighting scheme and present it electronically or as a hard copy.

As the first BSI Registered laboratory in the UK, we continue to offer our knowledge of light and the latest lighting equipment to Lighting Institutions and companies worldwide.



SALES DEPARTMENTS

UK SALES

The UK Sales Department is made up of the UK Sales & Marketing Director, six external area sales managers, four internal sales persons and two marketing members of staff. All of the area sales managers are members of the ILP and have contact within their local authorities/ councils.

EXPORT SALES

The Export Department have established long term relationships with agents in many countries throughout the world. CU Phosco Lighting products can be seen in airports, sea ports, sports stadiums and many roadway lighting schemes.

We invite our agents and customers to view the facilities here in the UK. This, we feel will give them a greater understanding of our service and production methods.

The Export Department continues to expand introducing CU Phosco Lighting to new customers around the world.



“I would like to commend and recommend their staff for their approach. Always on the phone and willing to answer any questions...as well as being very proactive to resolve any issues encountered. Their approach makes the job much easier and all are a pleasure to work with as well as producing a first class product.”

Martin Z Hollingsworth, Clarke Telecom



Sales Team 2019

CONTRACTS DIVISION

CU Phosco Lighting Contracts Division undertake contracts throughout the UK, Europe and the rest of the world, working closely with a number of large organisations including airports, port authorities, highway authorities, rail networks and sports clubs. All CU Phosco Lighting high mast equipment is designed and manufactured in the UK under a Quality Management System which complies with the requirements of ISO 9001:2008 and operates an Environmental Management System which complies with the requirements of ISO 14001:2004.

Project Management

CU Phosco Lighting Contracts Division provides a professional and courteous approach to our high mast installations, offering a complete project management capability to all our customers. CU Phosco Lighting can undertake all aspects of high mast installation including foundation design and construction through to final high mast erection and commissioning. CU Phosco Lighting values its relationship with its customers and will provide clear information and advice throughout all stages of the project.

SECTORS COVERED

• AIRPORTS • PORTS • HIGHWAYS • RETAIL FACILITIES • RAIL NETWORKS • SPORTS FACILITIES



Heathrow Airport is one of the busiest airports in Europe. The focus of the project was to provide a high quality energy efficient LED scheme specific to the requirements of Heathrow Airport, with minimal disruption to the airport's meticulous schedule.

London Heathrow, UK



LED Apron Lighting utilising the FL800R Floodlight System

HIGH MAST MAINTENANCE

CU Phosco Lighting provides quality high mast maintenance solutions to our clients worldwide.

By implementing a structured maintenance programme we can ensure compliance with all current legislation and enhance the life of the equipment.

Our Contracts Division also has the specialist expertise and knowledge to carry out maintenance on all other manufacturer's high mast equipment.

Accreditations and Training

We aim to achieve the highest degree of professionalism and integrity in all projects undertaken. This is achieved by ensuring that our highly qualified and trained engineers are subject to a continual programme of training and development.

CERTIFICATONS

- ASLEC • HIGHWAYS ELECTRICAL REGISTRATION SCHEME REGISTERED ORGANISATION • NIC EIC •
- CONSTRUCTIONLINE • ILP • LUMICOM • BSI • PTS CERTIFICATION • SAPCA •



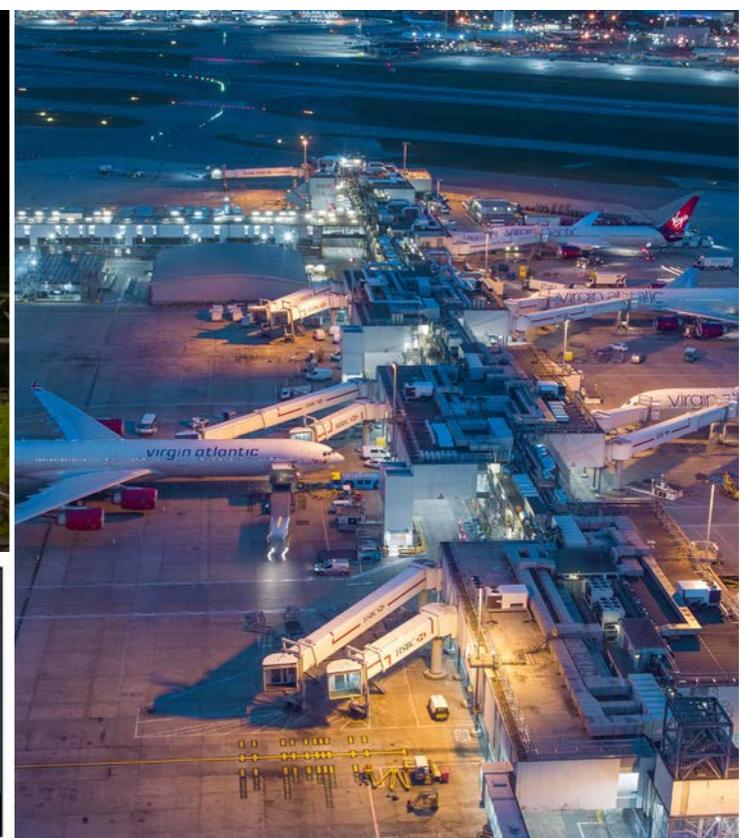
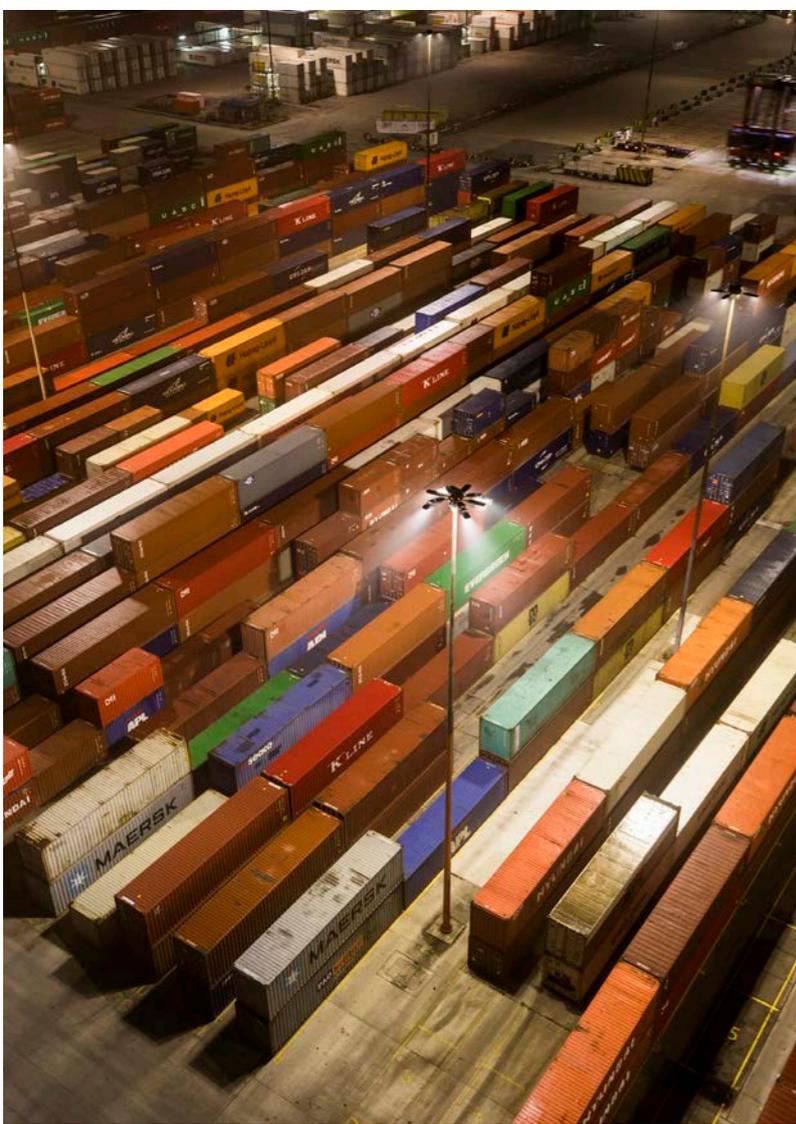
Specialist Contracts

CU Phosco Lighting also has the capability to undertake other specialist installation projects.

- CCTV MASTS • LIGHTNING PROTECTION SYSTEMS • CATENARY LIGHTING SYSTEMS
- WIND TURBINE MASTS • SPORTS LIGHTING SYSTEMS •



Stevenage High Mast Lighting Maintenance Work



**CU
Phosco
LIGHTING**



CASE STUDIES



Heathrow Airport, London, UK

LOCATION

Heathrow Airport

Terminal 5

CLIENT

Mitie Facilities Management.

PRODUCTS

FL800R

PROJECT OVERVIEW

With an average of 200,000 passengers arriving and departing per day, Heathrow Airport is one of the busiest airports in Europe. The focus of the project was to provide a high quality energy efficient LED scheme specific to the requirements of Heathrow Airport, with minimal disruption to the airport's meticulous schedule.

All the FL800R fittings were manufactured in Ware, Hertfordshire on a strict schedule. The advantage to producing the lanterns 'in house' meant CU Phosco Lighting could react quickly to operative feedback on site and alter production to improve the installation process. For example the use a plug and socket system was included in the lantern design. As a result the majority of the wiring was completed in the control environment of the factory, minimising time on site.

RESULTS & BENEFITS

The difference in light quality from Sodium to LED is evident across Terminal 5. The FL800R provides exceptional control minimising obtrusive light, glare and upward light without compromising the lighting performance. This means the conversion has not only created an improved environment on the stands, it has provided a substantial energy saving.

It became apparent from the start of the project that CU Phosco Lighting had to deliver a flexible and streamlined system to operate efficiently in the strict working window given each night when flights stopped. Therefore CU Phosco Lighting adapted the FL800R product to reduce the installation time. Each procedure was rigorously scrutinised so that all activities were completed on time.

The outcome of the project and a subsequent tender process has resulted in CU Phosco Lighting being appointed by Mitie Facilities Management on behalf of Heathrow Airport Ltd to carry out LED replacements on the remaining stands at terminals 1, 2, 3 and 4.

FACTS AND FIGURES

Complies with CAP168 . Over 55% Energy Saving



Southampton Port, UK

LOCATION

Port of Southampton

CLIENT

Associated British Ports Southampton

CONTRACTOR

CU Phosco Lighting

PRODUCTS

FL800R

P855

PROJECT OVERVIEW

The Port of Southampton is a passenger and cargo port in the central part of the south coast of England. The port is owned and operated by Associated British Ports. It is one of the country's busiest deep-water ports and expands over 725 acres. Most of the large areas in the port are lit using high masts. The main objective of the project was to reduce the cost of illuminating and maintaining these high masts by converting them to more efficient LED products and installing fixed head lantern carriages to reduce maintenance costs further. CU Phosco Lighting were appointed as the main contractor following a successful tender submission.

CU Phosco Lighting undertook the lighting design utilising their in-house technical team. Once the lighting designs were approved by ABP, CU Phosco Lighting manufactured the luminaires at their lantern manufacturing facility in Ware, Hertfordshire. The replacement fixed head lantern carriages were manufactured in CU Phosco Lighting's manufacturing facility in Cleckheaton, West Yorkshire. CU Phosco Lighting undertook the supply and installation of the new LED lantern utilising their in-house specialist Contracts Division.

Telensa CMS nodes were installed in each lantern to provide additional control and reporting information. The Telensa system was previously installed by the client.

RESULTS & BENEFITS

The first phase of the project was completed to programme and the improvement in light quality from HID to LED is evident across the areas. The quality of the new lighting has also had a positive impact on health and safety in these operational areas. The LED replacement also ensured that each of the areas complies to the relevant lighting standards and this was confirmed in the commissioning phase of the project as CU Phosco undertook light tests in each area. The FL800R & P855 provide exceptional optical control minimising obtrusive light, without compromising the lighting performance. This was an important part of the project as some of the areas were adjacent to residential properties.

FACTS AND FIGURES

48% Energy Saving



M42 SMART Motorway, UK

LOCATION

West Midlands - M42

CLIENT

Highways England

CONTRACTOR

Kier Highways in partnership with Carnell Group

PRODUCTS

P860

P861

PROJECT OVERVIEW

This was a smart motorway highway roll out replacing HID luminaires on the Area 9 network. These included 180W Sox, 150/250/400 and 600W Son T luminaires. The King of the Road P860 Highways luminaire was selected for the main carriageway works in conjunction with the P862 smaller road luminaire for the slip road requirements. Upon completion of the lighting designs by Kier Highways, CU Phosco Lighting were engaged in determining a rollout program for luminaire deliveries to coincide with the complex traffic management program, required for such a busy stretch of motorway network in the region. As with all major projects CU Phosco Lighting appointed a project manager to co-ordinate all aspects of the program and provide a single point of contact throughout the development.

As part of the product approval process Kier Highways visited our manufacturing facility in Hertfordshire to carry out a FAT's test (Factory Acceptance Test). This allowed them to assess our production processes, quality procedures and discuss delivery logistics of the program. All parameters were surpassed in this evaluation.

The program forecast was structured for weekly deliveries stretching over 19 weeks. These were carefully managed and delivered into the Carnell depot in Redditch. Due to the size of the program and the variants involved in terms

of power levels and optics of the luminaires, CU Phosco Lighting created specific identification types for the luminaires for ease of product selection from the lighting design. These types ranged from A-I and gave a quick reference point for the installation teams picking product for the given section of the installation program.



M42 SMART Motorway, cont.



R E S U L T S & B E N E F I T S

The LED scheme provides a white light solution increasing visibility on the road, therefore improving road user's awareness and safety. By selecting the latest technology Kier Highways have provided a huge energy saving to Highways England whilst improving the network asset and reducing the required maintenance.

Working in collaboration CU Phosco Lighting, Kier Highways and Carnell Group delivered a well-structured and smooth transition of change with minimum disruption to HE customers. As part of this working collaboration new product features such as orientation levels, tool box talk videos and further optic developments have now been included into the CU Phosco Lighting range. Striving to improve our customers experience and responding to feedback is a key part of the collaboration process. This project is a testament to the value that working partnerships can provide.

T E S T I M O N I A L

For the installation stage of the project Carnell Support Services worked closely in conjunction with Kier Services (Highways) and CU Phosco to manage the sites works in accordance with the phased traffic management programme. CU Phosco delivered lanterns on a Thursday of each week just in time for installation on the network

the following week. This phased approach meant that the number of luminaires needed to be stored on site was kept to a minimum which reduced storage costs and security requirements.

The luminaires themselves came prewired and have been very reliable and easy to install. Our electricians expressed their preference for fitting these luminaires above the other types we have previously installed. The Tool Box Talk videos are a useful aid to training and the recently added orientation level ensures the luminaires are installed in a consistent manner.

Steve Jones - Carnell Group

F A C T S A N D F I G U R E S

64% Energy Saving



KENT COUNTY COUNCIL, UK

LOCATION

County of Kent

CLIENT

Kent County Council

CONTRACTOR

Boygues Energies & Services

CONSULTANT

Designs for Lighting (DfL)

PRODUCTS

P852

PROJECT OVERVIEW

Kent County Council is one of the largest lighting asset authorities in the UK with 118,000 street lights and some 25,000 lit signs and bollards. The annual cost of illuminating and maintaining the stock is over £9m, a cost that continues to rise. The main focus of the project is to reduce the cost of illuminating and maintaining these light sources by converting them to more efficient LED products. Bouygues Energies & Services were appointed after a successful tender bid by the council to manage the installation conversion from HID to LED lanterns.

The P852 luminaires are manufactured in Coleford, Gloucestershire to a forward schedule. The advantage of CU Phosco Lighting being a UK manufacturer is that we can react quickly to any site changes or deviations that can occur. This assists the contractor in improving efficiencies in the program as well as reducing any delays to the road schedule.

During the supply of the luminaires CU Phosco Lighting and Bouygues Energies & Services are working with their design consultant (Designs for Lighting) to a forward planned site schedule ensuring minimal disruption to the road network and public users. The schedule outlines CU Phosco Lighting production for quantities and geographical boroughs within the county. This provides clarity for both CU Phosco Lighting and Bouygues

Energies & Services to maintain delivery of the project in a professional, efficient and organised manner. The production programme was assisted by Designs for Lighting who are designing every asset to ensure compliance with standards and optimised energy efficacies, the luminaires used were carefully considered for efficiency and maintenance and concluded that five versions of the P852 to be used with two optics. This enabled a much more efficient production and installation programme.



KENT County council, Cont.



RESULTS & BENEFITS

The standard P852 luminaire build was modified for Kent County Council with additional features included to meet the council's specification and approval.

The project commenced in March 2016 and is on a three year rolling project starting in residential areas, then eventually moving to the main roads and highways in the summer of 2017 and to be completed by December 2018.

The improvement in light quality from HID to LED is evident across the districts that have been installed so far. The P852 provides exceptional optical control minimising obtrusive light, without compromising the lighting performance for both road and pedestrian use.

Over 30,000 P852 lanterns have been installed taking the average energy consumption from 469KW on the existing HID asset to 117KW for the P852 LED light source this equates to circa 70% energy reduction.

All 33,600 luminaires have now been delivered to the Bouygues Energies & Services depot in Kent, all on time and within the contract schedule.

CU Phosco Lighting are proud to have been involved with this phase of the Kent County Council LED street lighting and highways energy reduction and public lighting improvement project.

FACTS AND FIGURES

Estimated energy is approx. 70%



Middlemore Hospital, New Zealand

LOCATION

Middlemore Hospital,
Auckland, New Zealand

CONTRACTOR

Broadspectrum New Zealand and Australia.

Owner: Ferrovial Services Australia Pty Ltd.

CONSULTANT

BECA - Auckland

PRODUCTS

P862



PROJECT OVERVIEW

The CMDHB facilities staff identified the need to upgrade the HPS street lighting on the main road of Middlemore Hospital for safety of the users of the road, especially the staff. The concern was to reduce maintenance cost and control of spill lighting includes reducing skyglow.

The skyglow and spill lighting is addressed in all the carparks as progressive changes are being made with new LED lighting from CU Phosco Lighting. The CU Phosco lighting design also has an excellent thermal performance.

CU Phosco Lightings's tender was submitted through Broadspectrum and the pricing structure supplied by 3E Energy Limited. 3E Energy Ltd has been representing CU Phosco in NZ and the South Pacific area since 1992.

The tender for Hospital Road at Middlemore Hospital was won by Broadspectrum, because of the excellent work done by them on the Hospital Road lighting and additional work for the upgrade of the Western Carpark lighting using P862 fixtures from CU Phosco Lighting. The existing 400w HPS was replaced with P862-159w fixtures.

The Hospital Road LED lighting design with specification for tender was engineered by BECA Consultants in Auckland. The new space to mounting height selected by the consultants provided an AS/NZS1158 compliant lux

level upgrade design. CU Phosco Lighting assisted with the photometrics redesign of the Western Carpark upgrade lighting

The Hospital Road fixtures as per the specification were P862 fixtures with NEMA sockets and DALI dimming, as specified/supplied for this project.

RESULTS & BENEFITS

Replacing of the HPS lighting made an amazing difference to the environment. The security department benefited with better pictures from the cameras.

Other benefits will include reduced energy use and maintenance with lamp/control gear replacement.





CU
Phosco
LIGHTING



CUSTOMERS & PROJECTS



CUSTOMERS & PROJECTS



U K A I R P O R T S

London - Heathrow	Cardiff
London - Gatwick	Coventry
London - Stansted	Kirkwall - Orkney Isles
London - Luton	Farnborough
London - City	Liverpool
Manchester	Southampton
Birmingham	Stornaway
Edinburgh	Derry
Glasgow	
Aberdeen	
Belfast	
Bournemouth	



U K P O R T S

London	Isle of Man
Bristol	Yarmouth
Liverpool	Mailaig
Southampton	DP World
Hull	APTM
Killingholme	PSA
Tilbury	Hutchinson
Tyne	ABP
Felixstowe	Dover Harbour Board
Glasgow	Peel Ports
Harwich International Port	Port of Tyne
Heysham	PD Ports





U K C L I E N T S

Central Government	Jaguar	Transport for London
Local Authorities	London Underground	Toyota
BAA	MGM	Vodafone
BP	National Power	Unilever
BT	Nissan	
Corus Construction	O ²	
Esso	Railtrack	
Ford	RECs	
Glaxo Smithkline	Sainsbury	
Honda	Shell	
IBM	Tesco	
ICI	Transco	



U K S P O R T S C L I E N T S

LTA Wimbledon	Barry Town FC	IRFU Ravenshill
Manchester United FC	Stevenage Borough FC	Cambridge University
Chelsea FC	Kidderminster Farriers FC	Saracen RUFC
Liverpool FC	Hednesford FC	Roslyn Park RUFC
Bolton Wanderers FC	Reading Town FC	West Hartlepool RUFC
Charlton Athletic FC	Hitchin Town FC	Preston Grasshoppers RUFC
Birmingham City FC	Eastbourne FC	Hertford RUFC
QPR FC	Ware FC	Don Valley Stadium
Wycombe Wanderers FC	Bradford Bulls RLFC	Gateshead AC
Blackpool FC	Wigan RLFC	Bromley Sports Centre
Wigan FC	Leeds RLFC	Julie Rose Stadium - Kent
Torquay United FC	Sheffield Steelers RLFC	Crystal Palace Track





I N T E R N A T I O N A L A I R P O R T S

Aruba - Antilles	Shannon - Republic of Ireland	Subang - Malaysia	Dhahran - Saudi Arabia
Canberra - Australia	Addis Ababa - Ethiopia	Kota Kinabalu - Malaysia	Jubail - Saudi Arabia
Melbourne - Australia	Kai Tak - Hong Kong	Kuantan - Malaysia	Changi - Singapore
Barbados	New Delhi - India	Sepang - Kuala Lumpur	Johannesburg - South Africa
Bahrain	Mumbai - India	Luqa - Malta	Columbo - Sri Lanka
Gaborone - Botswana	Isfahan - Iran	Gan - Maldives	Turks & Caicos Islands
Brunei	Basrah - Iraq	Mauritius	Abu Dhabi - UAE
Meilin - China	Kingston - Jamaica	Warri - Nigeria	Dubai - UAE
Larnaca - Cyprus	Kansai - Japan	Manila - Philippines	Jebel Ali - UAE
Cairo - Egypt	Mombasa - Kenya	Lisbon - Portugal	Sharjah - UAE
Dublin - Republic of Ireland	Tripoli - Libya	Faro - Portugal	Ho Chi Min City - Vietnam
Cork - Republic of Ireland	Llongwe - Malawi	Funchal - Madeira	San'a - Yemen





I N T E R N A T I O N A L P O R T S

Sogester - Angola	Tianjin - China	Kingston - Jamaica	Lagos - Nigeria	Dammam - Saudi Arabia	Fujairah - UAE
Buenos Aires - Argentina	Shekou - China	Aquaba - Jordan	Port Qaboos - Oman	Mahe - Seychelles	Khor Fakkan - UAE
Sydney - Australia	Dublin - Ireland	Misurata - Libya	Port Raysut - Oman	Port of Singapore	Ras Al Khaimah - UAE
Botany Bay - Australia	Cork - Ireland	Derna - Libya	Qasim Port - Pakistan	Durban - South Africa	Sharjah - UAE
Muara - Brunei	Rosliare - Ireland	Port Kelang - Malaysia	Lisbon - Portugal	East London - South Africa	Port Zayed - UAE
Rangoon - Burma	Tema -Ghana	Port Butterworth - Malaysia	Oporto - Portugal	Richards Bay - South Africa	Puerto Cabello - Venezuela
Vancouver - Canada	Takaradi - Ghana	Kota Kinabalu - Malaysia	Madeira - Portugal	Colombo - Sri Lanka	Hodiedah - Yemen
Port Arica - Chile	Gibraltar - British Overseas Territory	Jahore - Malaysia	Azores - Portugal	Port Sudan - Sudan	
Port Lirquen - Chile	Europort Rotterdam	Port Louis - Mauritius	Manila - Philippines	Taichung - Taiwan	
Port Artesanaide - China	Subang - Malaysia	Beira - Mozambique	Doha - Qatar	Port Rashid - UAE	
Tacahuano - Chile	Tanjon Priok - Indonesia	Apapa - Nigeria	Jeddah - Saudi Arabia	Port Jebal Ali - UAE	
Coronel Port - Chile	Bandar Abbas - Iran	Benin - Nigeria	Jubail - Saudi Arabia	Dubai Dry Dock - UAE	





I N T E R N A T I O N A L S P O R T S S T A D I U M S

Sir Vivian Richards Stadium - Antigua	Victoria Stadium - Gibraltar	Kenningau Stadium - Malaysia	Gondim Stadium - Portugal	Yakutsk Stadium - Russia
Bermuda Stadium - British Overseas Territory	Ajax FC - Holland	Lankawi Stadium - Malaysia	Sintra City Stadium - Portugal	Mecca Stadium - Saudi Arabia
Berakas Stadium - Brunei	Shatin Race Course - Hong Kong	Katmandu Stadium - Nepal	Casa de Cambra - Portugal	Delta Hockey Stadium - Singapore
Police Stadium - Brunei	Ma On Shan - Hong Kong	Lagos Stadium - Nigeria	Leca Stadium - Portugal	Singapore Sports Council
Montreal Olympic Stadium	Hussein Sports City - Jordan	Makurdi Stadium - Nigeria	Gaia Stadium - Portugal	Taichung Stadium - Taiwan
Ningbo Stadium - China	Amman National Stadium	Benin Stadium - Nigeria	Jamor Stadium - Portugal	Tainan Stadium - Taiwan
Dalian Stadium - China	Tun Razak Stadium - Malaysia	Sohar Stadium - Oman	Lordelo Stadium - Portugal	Genka Stadium - Turkey
Chaoyang Stadium - China	Ipoh Stadium - Malaysia	Castelo de Maia - Portugal	Belenses/Restelo Stadium	Nasra Stadium - UAE
IRFU Lansdowne Road - Ireland	Petronas Stadium - Malaysia	Estadio de Nelas - Portugal	Sergio Conceicao - Portugal	Al Hamyra Stadium - UAE
IRFU Musgrove Park - Ireland	Larkin Stadium - Malaysia	Estadio N.S. de Remedica	Coimbra - Portugal	Arab League Clubs - UAE
IRFU Limerick - Ireland	Muar Stadium - Malaysia	Pedroucos Stadium - Portugal	Vagos Stadium - Portugal	
Corinthians Stadium - Brazil	United Malayan Banking Stadium	Matosinhos Stadium - Portugal	Rapide Bucharest - Romania	



Accreditations



The HEA - (Highway Electrical Association) - is a new organisation with a big history (60 years in 2012). Formed by the amalgamation of ASLEC - (Association of Signals, Lighting and other highway Electrical Contractors) and HEMSA - the Highway Electrical Manufacturers and Suppliers Association - in 2011, it represents over 80 Members whose contracting activities range from street lighting, traffic signals and signs to highway communications and camera systems and approximately 40 Members who manufacture, assemble, supply and distribute equipment into the Highway Electrical Sector as well as overseeing and client organisations.



NICEIC CONTRACTOR - Under licence from the Electrical Safety Council the NICEIC acts as the electrical contracting industry's independent voluntary regulatory body for electrical installation safety matters throughout the UK. It maintains and publishes registers of electrical contractors who have been assessed against scheme requirements, including the national safety standard BS 7671 and The IEE Wiring Regulations.



BSI 9001:2015 - CU Phosco Lighting operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

The design, manufacture and verification, installation and service of outdoor street lighting columns and brackets and furniture, incorporating the requirements of National Highways Sector Scheme 6.

The installation and maintenance of highway mast lighting units and the installation and maintenance of camera mounting masts and the maintenance of cameras and associated apparatus in accordance with National Highway Sector Scheme 8.



BSI 14001:2015 - CU Phosco Lighting operates an Environmental Management System which complies with the requirements of ISO 14001:2004 for the following scope:

The design of lighting schemes and the design, testing and manufacture. Management of installation, inspection and maintenance of equipment and minor structures for lighting and other applications, including wind turbines, telecommunications and CCTV.



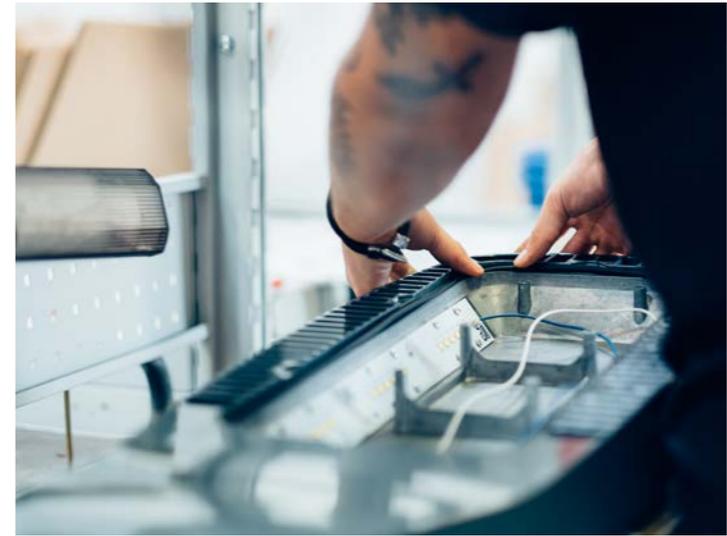
CYBER ESSENTIALS - CU Phosco Lighting received Cyber Essentials accreditation in November 2017.

Cyber Essentials is a government-backed cyber security standard that uses independent assessment to identify the IT security controls that an organisation needs to have in place to have confidence that they are addressing cyber security effectively and mitigating the risk from internet-borne threats.



CE MARKING - The letters 'CE' appear on many products traded on the extended Single Market in the European Economic Area (EEA). They signify that products sold in the EEA have been assessed to meet high safety, health, and environmental protection requirements. By affixing the CE marking to a product, a manufacturer declares that the product meets all the legal requirements for CE marking and can be sold throughout the EEA. This also applies to products made in other countries that are sold in the EEA.

Head Office Contact Details



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S O C I A L M E D I A

<https://www.linkedin.com/company/cu-phosco-lighting/>

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