



Fixed and portable LED lighting products and lighting control systems, designed to operate at Reduced Low Voltage (110V).



Distribution



Protection



Transformers



Site Lighting

Leading developments in efficient and effective Site Lighting

Blakley Electrics have developed a range of fixed and portable LED lighting products, with most luminaires designed to operate at Reduced Low Voltage (110 volts).

Our site lighting is designed to assist companies achieving objectives in reducing energy consumption and carbon emissions, and we offer a variety of light sources and lighting control systems to achieve these objectives.

Our i-Site intelligent lighting, a cornerstone in the range, ensures a safe working environment.

Our range of site lighting is heavily biased towards 110V LED fittings, which enables a complete site or tunnel to be illuminated at Reduced Low Voltage (110V). We offer a range of high performance LED luminaires for both fixed and portable applications. Some lighting products are suitable for 230V operation but these are generally for use in applications such as high level security floodlighting or for specialist requirements, such as archaeological digs. We do offer some 230V products for non-construction site applications.

We have also developed Flori-67/4P, which is a unique, 4 pin, plug-in wiring system, enabling standard and emergency lights to be installed on the same circuit and controlled without damaging batteries through repetitive switching. For larger projects, we are able to provide lighting schemes to provide an indication of light levels on site.

This brochure provides an overview of our comprehensive range of Site Lighting products, our full range can be found on our website at www.blakley.co.uk. If you can't find what you are looking for, please contact our Customer Service Centre, who will be pleased to help. If you require a non-standard product or wish to discuss a specific application, our Project Sales Team is on hand to discuss your requirements. They can also be contacted via our Customer Service Centre.



About Blakley Electrics

Established in 1957, Blakley Electrics Ltd are a market leader in the design and manufacture of high performance power and lighting products.

Harnessing over 60 years of experience in fabrication and electrical assembly, most Blakley products are designed and manufactured in-house, within our Quality Management System, which is accredited to British Standard ISO9001:2015.

Our manufacturing expertise is underpinned by a combination of investment in leading production technology, modern facilities and machinery, and a skilled workforce at our Engineering and Manufacturing Centre in Essex and our assembly plant in Kent.

At our Sales and Customer Support offices in Kent and Leeds, our knowledgeable teams are always on hand to provide advice and guidance.

Product demonstrations, project discussions and customer training are also available at our dedicated Customer Demonstration Centre in Kent.

What we do

Permanent Distribution

Temporary Distribution

Transformers

Site Lighting

Protection

Blakley Electrics manufactures i-Site, a 110V site lighting system, which minimises running costs and CO2 emissions by monitoring movement in the immediate vicinity of each luminaire.

The microwave motion sensor can be set between 5 seconds and 30 minutes. If there is no movement during the set period (the hold time) the light reduces to the dimmed level, which can be set at 10%, 20%, 30% or 50% of the normal output and is extinguished after a further defined period. If a level of light is always required, the stand-by period (when the lights are dimmed) can be permanent, whether there is movement or not. The light output is restored to full output as soon as movement is detected. i-Site luminaires also incorporate a light level sensor.

It is simple to install and can be fed from a standard 110V site transformer via Flori-67/3P (Blakley Electrics plug-in wiring system) or it can be hard wired using standard 3 core cable.

Anti-Corrosive LED Lights with i-Site



Flori-67/3P LED Lights with i-Site



Anti-corrosive 110V LED fittings with i-Site movement and light level detection. Available as loose fittings or pre-wired with tee box.

Anti-corrosive 110V LED fittings with i-Site movement and light level detection, pre-wired with a Flori-67/3P adaptor.



Flori-67/3P 110V Lighting

Flori-67/3P is a 110 volt plug-in lighting system developed by Blakley Electrics specifically for temporary site installations. It is a factory made system with all wiring carried out "off site," which eliminates all on-site wiring

110V, 3 core plug-in site lighting system comprising of 100 metre lengths of cable (Flori strings) with a moulded-on Flori-67/3P outlet every 5 metres, 7 metres or 10 metres. A range of 110V luminaires is offered pre-wired with a matching Flori-67/3P plug. Connection on site is a simple task of plugging a luminaire into the nearest outlet.

Luminaire options:

- LED bulkhead with clear and red covers
- Anti-corrosive 110V LED fittings
- Anti-corrosive 110V LED fittings with i-Site
- Floodlights



FLORI-67/3P

Flori-67/4P 110V Lighting

Flori-67/4P is a 4 pin, 110V, plug-in, site lighting system enabling standard and emergency fittings to be wired on the same circuit and switched off at the end of each shift without damaging the batteries within the emergency fittings.

4 core plug-in lighting system comprising of 100 metre lengths of cable with a Flori-67/4P outlet moulded every 5 metres, 7 metres or 10 metres. 110V LED luminaires are pre-wired with a matching Flori-67/4Plug. Connection on site is a simple task of plugging a luminaire into the nearest outlet.



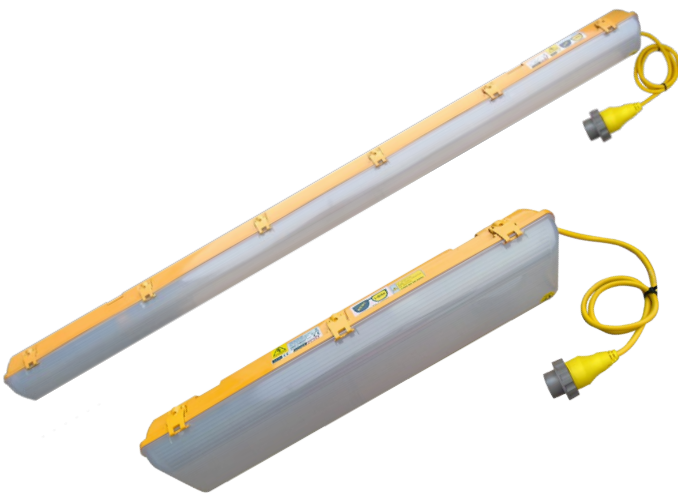
FLORI-67/4P

A comprehensive range of 110V, IP65, anti-corrosive luminaires incorporating a high output LED light source; also available with i-Site movement and light level detection. Comprising of a robust polycarbonate body and diffuser with an impact rating of IK10, luminaires are offered:

- unwired
- pre-wired with an input lead and terminal box
- pre-wired with an input lead complete with 16A 2P+E 110V IP44 plug.

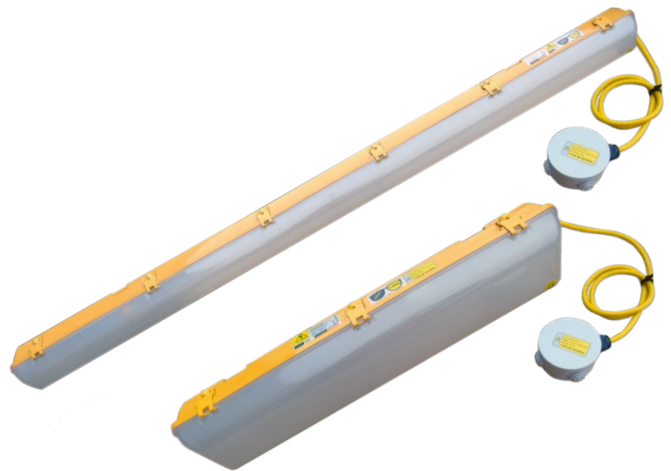
They are available in Standard or Maintained Emergency format with integral battery back-up (3 hour duration when batteries are fully charged).

Anti-Corrosive fittings with 16A Plug Lead



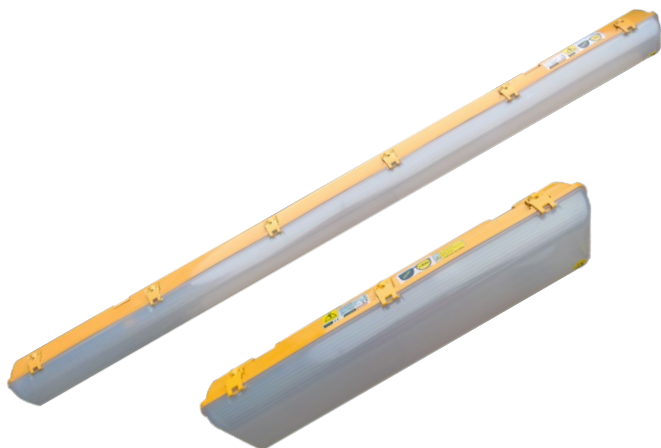
Anti-corrosive 110V LED fittings pre-wired with an input lead c/w 16A 110V IP44 plug.

Tee Box LED Anti-Corrosive Fittings



Anti-corrosive 110V LED fittings pre-wired with an input lead terminated in a tee box.

Unwired LED Anti-Corrosive Fittings



Standard and maintained Emergency LED fittings for wiring on site. Available with LED arrays rated at 30W and 44W, presented in 2' and 5' bodies.

Slimlight LED Lights



Slim line anti-corrosive fittings with extruded aluminium body.

As part of our growing range of Low Energy 110V lighting products, sites can now significantly reduce the energy consumed to illuminate their sites.

LineLite



6W LED bulkheads with red or clear covers and 8W LED bulkheads with clear covers and integral 3 hour maintained battery back-up.

Hi-Lite Festoon Strings



Comprising of yellow flexible cable with a moulded-on 5W enclosed LED array every 2m. Overall rating IP44. Supplied complete with a 16A 2P+E 110V plug.

110V LED Bulkhead Lights



Comprising 5m 70W or 10m 140W length of LED Ropelight c/w 1m unput lead fitted with 16A 110V plug. 10m extension also available.

Twin Spot Emergency Lights



110V, IP65, non-maintained, incorporating 2 x 5W LED flood lamps with 3 hour battery back-up.

The Blakley Electrics range of cost effective lighting and tripods, developed for the UK construction industry, utilise low energy LED technology to illuminate the darkest site.

Spikelite



Comprising of a mast adjustable from 2m to 3m c/w 2' 30W LED 110V head.

Portalite



5 metre high tripod, designed to accept 110V floodlights.

Tasklights



110 volt portable LED lighting assemblies designed to provide safe, low energy, low heat, site lighting.

Uplights



2' and 3', 110V, incorporating a sturdy stand, which collapses for shipping.

Omnilites



A versatile 110V site light that can either flood stand or be suspended via an integral hook.

LED Floodlights



A range of LED floodlights rated up to 300W mounted on a cradle bracket. Versions with or without integrated photocell.



1. Leeds

Sales

2. Harlow

Manufacturing
Engineering
Design

3. Crayford

Manufacturing
Sales

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Experts in **high performance**
power and lighting products