

# REFURBISHMENTS

## Llandudno

### Sugg Westminster



Llandudno has a wealth of victorian heritage luminaires and a co-ordinated policy to refurbish them to maintain the character of this popular seaside resort. This original Westminster gas lantern has been in Llandudno for many years; originally manufactured in the latter part of the 19th Century, for gas lighting, it has stood the marches of time and is providing a lighting function today.

The lantern is mounted on an original cast iron column in a park location on top of a cliff overlooking Llandudno's pier and the town itself. This idyllic location does have draw backs; the lantern is exposed to the worst weather a coastal location can experience.

Also being remote it does attract vandalism, as the photograph clearly shows. The lantern was removed and sent back to Sugg Lighting for repair and refurbishment, with a brief to add a sympathetic carrying frame to protect the lantern from the extreme winds that it's location has been experiencing over the past few years. Once the lantern had been stripped and repaired new glazing ribs were added which have stainless steel reinforcing rods inside to give additional protection and strength.



The finished refurbishment, reglazed and repainted, without the additional protection frame that was added later.



### Sugg Lighting Limited

Sussex Manor Business Park

Gatwick Road

Crawley

West Sussex

RH10 9GD

England

Telephone: +44 (0)1293 540 111

Fax: +44 (0)1293 540 114

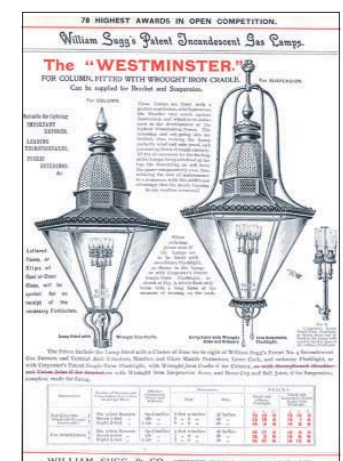
E-mail: sales@sugglighting.co.uk

www.sugglighting.co.uk

The picture right shows the lantern stripped and repaired but unglazed. The decorative piercing in the top part of the lantern was originally for venting of exhaust from the gas burners and is now blanked off to ensure better weather protection in this exposed site. The catalogue page illustrated is from the Sugg archive and shows the Westminster lantern with its gas mantle configuration.



Below is a photo of the original Patent plate from the William Sugg Company proving its origins still in place on the lantern tent.



# REFURBISHMENTS



The picture left shows the lantern as it was returned, with damage to the frame and glazing ribs, also the frog had been damaged during its removal from the column. The internal tray had rusted away and the glazing had been broken over a period of time. The new carrying frame would have to be made to carry the weight of the lantern as the frog had been cut from the original spigot. The frame was fixed to the widest part of the lantern and then to a plate that bolted to the top of the column thereby supporting the frog and lantern. This was designed to follow the glazing profile and minimise the effect of the additional framing structure as it was fitted with four frame bars covering every other rib on the eight sided lantern.

The original Westminster lanterns were manufactured in the large size to accommodate the heat produced from the mantle clusters that were installed inside, the more mantles the greater the light output, but the unfortunate side effect of this was increased temperatures.



Sugg Lighting would like to thank Conwy County Borough Council, Conservation Officer, David Rigby and the Conwy Lighting Engineer Peter Adderley for the opportunity to repair this important historic lantern, as so few exist in this original form. Now refurbished and returned to its location the visitors and people of Llandudno can continue to appreciate this excellent example of our lighting heritage.

Westminster lantern pictured after its 1985 refurbishment

## Sugg Lambeth

This original Lambeth lantern had been situated in Trinity Square since the 1890's. The Lambeth lantern's catalogue page from the Sugg 1905 Catalogue is below. This lantern was also originally designed for gas use and over the years had been converted to take today's discharge lighting sources. The lantern had been badly vandalised, as the photo below shows, so on returning to the Sugg Lighting workshops it was stripped and refurbished with new glazing ribs of copper reinforced with stainless steel rods. The base section was rebuilt and the frog reconditioned and galvanised for additional protection from the elements. This lantern had a top hinged swing door originally for lamplighting and cleaning, this was remade and re-hung, on the original frame, to provide access for re-lamping. The top of this lantern was glazed in opal polycarbonate to provide a defused upward element to the lantern's output, and the chimney blanked off to reduce ingress of water and traffic dirt. The Lambeth lantern was smaller than the Westminster but still large by today's standards, it's decorative frieze and finial assembly is still remarkable for a lantern that would have been made just prior to 1895. It is now refurbished and ready for another 10 years service.



The Lambeth 1905 Catalogue page from the Sugg Lighting Archive, showing the original configuration of four upright gas mantles and a lever cock switching for the gas with a chain on the pendant version and a bar switch on the upright frog mounted lantern.



The refurbished Lambeth Lantern with clear polycarbonate glazing in the lower section and opal polycarbonate in the top section.

The stripped and repaired Lambeth lantern prior to painting and re-glazing. With all joints repaired and re-soldering of all weak joints in the frame.



The Sugg Westminster logo from the period when the lanterns were manufactured.