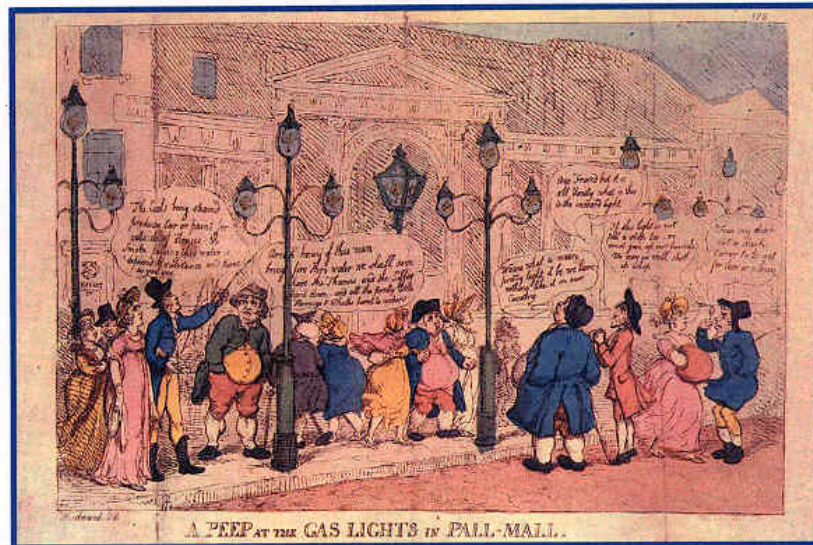




*The Lamp-Lighter. Street lighting was introduced in London from 1417.
By around 1736 the number of oil-burning lamps had reached some 15,000.
The Costume of Great Britain, William H Pyne, London, 1809.*



Street lighting by gas, cartoon 1807. [Lighting by Gas, Dean Chandler, 1936]

STREET LIGHTING

Oil burning street lamps were used in the 18th century but it was the gas lighting industry that introduced street lighting on a grand scale. The Mall was illuminated by gas in 1807. By about 1814, the Chartered Gas Light & Coke Company had laid some 195 km of mains in London, supplying some 31,000 gas lamps, many of which were provided for lighting the streets. Gasworks were built at Manchester (1817), Birmingham (1819), and at Norwich, Hull, Dublin, Plymouth and Leeds (1818). In the USA, Baltimore had gas street lighting (1816), Boston (1822) and New York (1823).

Developments in gas lighting from the 1880s onwards included the regenerative (recuperative), incandescence and inverted incandescence burners. The Association of Public Lighting Engineers (APLE) was formed in 1924, later becoming the Institution of Lighting Engineers (ILE). At this time most of Britain's street lighting was supplied by town gas. In 1923-24, there were 1.4 million gas and oil street lamps and some 0.4 million of the electric type.

From 1930 onwards, electric street lighting started to make inroads into gas. Piccadilly was lit by electricity in 1932. Clockwork and electric time switches were introduced in the 1930s, gradually replacing the man with a stick. By the late 1960s, electric lamps predominated with around 4.8 million in use: other types had fallen to 0.1 million. Improved types of lamps included the mercury discharge type, which was gradually replaced by "yellow" low-pressure sodium lamps, followed by SON high-pressure sodium lamps.

КЕРОСИНО-КАЛИЛЬНЫЕ
ФОНАРИ И ЛАМПЫ

„ЛЮКСЪ“



Акц. Общество

„ЛЮКСЪ“

РИГА

ДЕСЯТКИ ТЫСЯЧЪ

ФОНАРЕЙ

въ УПОТРЕБЛЕНІИ



„ЛЮКСЪ“

САМОЕ ДЕШЕВОЕ И

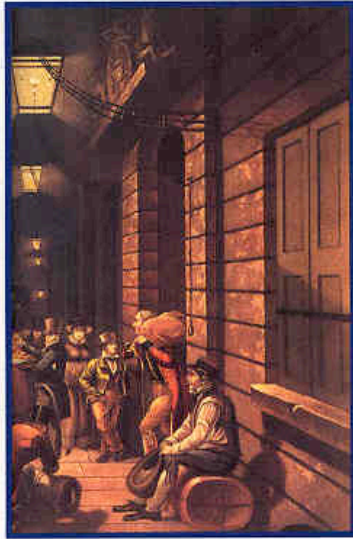
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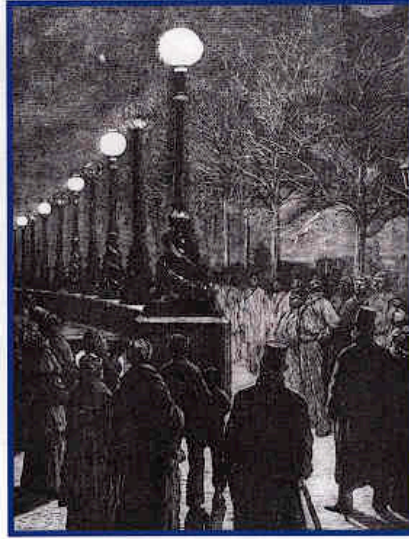
ДЛЯ ВСЯКИХЪ

ДѢЛЕЙ.

*Kerosene Burning Street Lights from the Lux Company of Riga, c.1900
Russian Graphic Design 1880-1917, Mikhail Anikst & Elena Chernevich, 1990*



Gas street lamps in Lombard Street, City of London, 1827 [What the Industrial Revolution did for us, G Weightman, 2003]



Lighting the Victoria Embankment, London by Jablochkoff candles, a form of arc lamp [Woodcut from The Graphic, 4 January 1879]



Street lighting in the Haymarket, London's West End, in Edwardian Times [Detail from painting by G H Pownall, Bright Lights, Big City, Gavin Weightman, 1992]