

The light bulb



THE LIGHT BULB

140 Dally Life

3-SECOND SURVEY

Electric lighting travel after dark. could work, socialize and ease with which people irrevocably changing the transformed the world,

The Livermore Centennia 3-MINUTE OVERVIEW

energy-efficient compact on average rather than Philips and subsidiaries of cartel known as Phoebus the 1920s a manufacturers But it is an exception. In continuously since 1901 naving glowed almost the world's oldest, fluorescent bulbs can last common - just 1,000 hours shorter lives than was then to produce bulbs with General Electric, conspired which included Osram, Bulb is thought to be bulbs up to 50,000. 1,500-2,000. Today's fell out of fashion. around 1910, were used until incandescent bulbs than 1,000 hours. Tungsten filaments, introduced

ronically the invention of the the 30-second history

a key patent in 1879 and discovered that By 1840 a costly bulb with platinum filament stand in the afterglow of a number of earlier than a 'light-bulb moment'. While Thomas Edison experimentation, Edison bought patents from an efficient bulb that lasted. After decades of inventor Humphry Davy in 1802. But it took many charcoal electrodes – were developed by English developed a zinc and silver battery – or 'voltaic receives most of the credit for key light bulb incandescent light bulb was more of a slow dawn thousands of plant materials. His team filed tried filaments made from wood, cotton and others trying to commercialize light bulbs and material and the creation of a vacuum to make was available. But it required the right filamen before a viable household bulb was produced more decades and advances in engineering lamps' – connecting Volta's batteries with Edison's bulbs by 80 years. Extremely bright 'arc His invention prefigured the bright filaments of pile" – with a glowing copper connecting wire. talian physicist and chemist Alessandro Volta nventions. At the turn of the nineteenth century patents filed by researchers in his company, these carbonized bamboo filaments lasted for more UK organization formed by the Women's Engineering Society for 'popularizing the domestic use of electricity' and to See also THOMAS ALVA EDISON

30-SECOND TEXT

promote 'electrical housecraft

household lighting benefits of early Economic self-interest held back the full

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MOVING PICTURES

3-SECOND BIOGRAPHIES ALESSANDRO VOLTA

electrical pioneer and inventor who developed the battery Italian physicist, chemist,

businessman, who patented the first commercially successful light bulb American inventor and THE ELECTRICAL

ASSOCIATION FOR WOMEN

