



## Electrical illuminating engineering

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By William Edward Barrows

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 52 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1908 Excerpt: . . . are placed horizontally above the glower which is itself also in a horizontal position. These heaters are in the circuit when the lamp is turned on, but as the glower heats up, the current through it actuates an electromagnet which is connected in series with the glower and which opens the heater circuit. The difficulties experienced from the leakage of electricity through the porcelain and the unequal expansion of the platinum and porcelain are overcome by using only a pure and soft grade of porcelain. The guaranteed life of the heater tube is 2500 hours. Numerous attempts have been made to do away with the matter of preliminary heating, but the fact remains and is the chief drawback to the universal adoption of the lamp. In some cases as on ship-board where there might be uncertainty in the action of an automatic device, the heaters are...



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