Acetylene Gas, Its Nature, Properties and Uses; Also Calcium Carbide, Its Composition, Properties and Method of Manufacture (Paperback)

By George Frederick Thompson

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1898 edition. Excerpt: .illuminants, taking ordinary coal gas as the standard of comparison, is as follows: Comparative cost of lighting by various means for an equal degree of illumination. Coal gas (ordinary burner) at 2/9 per 1,000 cu. ft. l-00 Do. (Welsbach Incandescent).-47 Petroleum.-62 Acetylene (Carbide at 20 per ton).-85 Electricity, at 4d. per B.T.U 1-68 In the estimate of the cost in the Welsbach system the amount is for gas only; if interest upon cost of special fittings and renewal of mantles be included, the comparative cost would probably be nearer-75. Acetylene therefore compares very favourably with coal gas, whether under ordinary or the more favourable incandescent conditions, whereas it is only about half the cost of electricity at the low rate of 4d. per B.T.U. The relative photometric value or light-power of an illuminant is determined either by comparison with the standard candle or with...

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