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COVER

The flash of a single bioluminescent cell. The dinoflagellate *Noctiluca militaris*, stimulated electrically in total darkness by five brief pulses 15 milliseconds apart, produced a summated flash. Photography of the image was made possible by use of a five-stage image intensifier; an accelerating voltage of 36 kv amplified the intensity of the image approximately 900,000 times (× 270). See page 1140. [G. T. Reynolds, R. Eckert, and R. D. Allen]
Editor's Summary