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### Safety At the Crossing

Drivers of automobiles only too often do not notice a train's approach to a crossing until too late. Even at night the glare of the ordinary headlight is not sufficient warning. Therefore the "400" crack passenger train of the Chicago and Northwestern Railway is equipped with—besides the standard headlight—an oscillating 3,000,000 candlepower light in front of the smokestack. A motor operates the reflector to swing an enormous figure-8 beam 800 feet in diameter at 1000 feet distance. It warns motorists of its approach by its sweeping movement through the air and its flashing on roadways and against cars.

—*Scientific American.*