



Roadway



CROCINA TUNNEL

Arezzo, Italy

The City of Arezzo reduced the total cost of ownership for the Crocina Tunnel by upgrading to THE EDGE® luminaires.

CREE ⇄ LIGHTING®



ENERGY SAVINGS. PERFORMANCE AND LITTLE-TO-NO MAINTENANCE

Opportunity

The total cost of ownership for the Crocina Tunnel in Arrezo, Italy was too high due to the excessive cost of relamping in a tunnel application. The city searched for more economical options and evaluated a range of LED solutions. The results concluded that Cree Lighting's EDGE® luminaires offered the cost-effective solutions the city needed for energy savings, performance and little-to-no maintenance.

Solution

Arrezo wasted little time to upgrade all existing 100-watt high-pressure sodium lamps in the Crocina Tunnel with Cree Lighting's EDGE® tunnel luminaires. City officials noticed an immediate and dramatic improvement in uniformity, color, and brightness.

Benefits

The City of Arrezo was able to reduce energy usage by 61 percent by installing Cree Lighting's EDGE® fixtures with an integrated two-level system. In addition to reducing energy consumption, the Cree Lighting luminaires deliver incredible uniformity that provides better visual perception over high-pressure sodium fixtures. The increased uniformity dramatically increases vehicle safety and visibility. With a life rating in excess of 100,000 hours, Cree Lighting luminaires require virtually no maintenance — translating into big cost savings for the city.

Visit creelighting.com or contact a Cree Lighting representative to learn more.

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- *61 percent energy savings*
- *Incredible uniformity dramatically increasing vehicle safety and visibility*
- *Decreased relamping and labor maintenance costs*
- *21 THE EDGE® luminaires using three light bars*
- *Installed at 16 feet*
- *Replaced 100-watt high-pressure sodium fixtures one-for-one*