

Custom Project designed for Venosa

Information about **SN905 Graal** product– Venosa municipality installation



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1. Background

Located in southern Italy, the town of Venosa is part of the exclusive “most beautiful villages” association. Venosa, while small in size, is rich in cultural heritage.

The town is full of historical architecture, including fountains, churches, ancient castles and Roman ruins.

The residents take full advantages of the beautiful sites and the year-round lovely weather, spending the evenings outdoors socialising.

2. The challenge

The challenge was to replace the existing 130W or 170W high-pressure sodium lamps with a new solution designed by “I-dea studio”, significantly reducing energy consumption and delivering a much longer system lifetime.

The luminaire design also had to suit the historical location and ambiance.

To avoid the unnatural yellow light and the poor colour rendering of the existing lamps, the new luminaires needed to provide high-quality white light, enhancing colours and improving visibility.



3. The solution

A total of 420 customised luminaires, equipped with the Fortimo LED LLM 3000 lm module, have been installed.

The Lanterna design is the result of the collaboration between NERI and I-DEA, giving a customised product incorporating the Fortimo LED LLM and the Xitanium 75 W LED driver.

The result is a luminaire perfectly matching the environment while giving a warm and pleasant white light.

4. Benefits

The residents, initially doubtful about the the switch to LED technology, really appreciate the new solution.

The luminaires give a comfortable, glare-free light with great colour rendering.

The performance of the Fortimo LED LLM module together with the thermal design of the Lanterna allow a system lifetime of 50,000 hours, compared to only 20,000 hours with the old technology. Additionally, the Fortimo LED LLM only consumes 34 W of power, delivering energy savings of more than 75 %.



5. The comparison

