

Street lighting case study

REXEL

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A new LED Energy Saving street lighting solution for Pinzolo and Madonna di Campiglio

Project Overview

Municipality of

Pinzolo and Madonna di Campiglio

Sector:

Public Authority

Financial Impact:

Municipality saved roughly 55MWh/year representing a value of 14K€/year and delivering better quality lighting, as well as improving the security and comfort to its residents. Maintenance and replacement is not considered in the calculation

Products

N° 35 Kuma posts 1/2 fitting
N° 62 Suspended fixtures

Timeline

Start of project December 2014

End of project April 2015

Environmental Impact

Reduction of green gas house emissions. The new lighting also strengthens the municipality's image as a "Green" and "Eco-efficient" public authority.

Rexel's added value:

Thanks to our expertise and understanding of energy efficient light, Rexel was able to select the right technical solution with a good return on investment to meet its customer's needs and deliver within the budget and deadlines set. We also performed a review to ensure the installation was to the customer's satisfaction.

New lighting technology within a classic architectural fixture design



The project consisted of replacing existing lighting fixtures using energy intensive discharge lamps, with a solution using LED products delivering both energy and cost savings!

The Challenge

The goal was to improve the level and quality of public lighting for better security and comfort. By introducing LED technology, we wanted to offer the customer better quality lighting color, as well as energy savings and a reduction in maintenance costs. The challenge was to satisfy the energy and lighting requirements of the municipal authority, whilst ensuring the new lighting matched the architectural design of the city.

The Project

Rexel managed the lighting retrofit of dated street lighting fixtures which were highly energy-intensive, by replacing them, with a new LED solution which met the municipality's strict timeframe and delivered a reduction in operating costs.

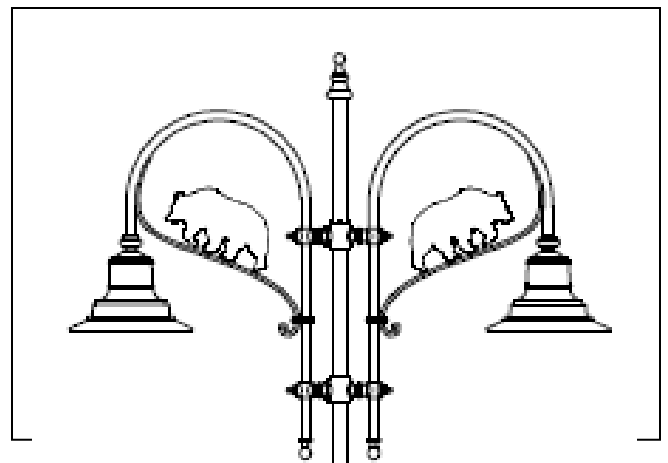
The Solution

Rexel identified a supplier partner who was able to respect the specifications required for the street lighting and manufacture fixtures that met with the design requirements. This included the correct color for both the single & double fixtures, which was achieved using the latest in LED lighting technology. The solutions, which also delivered energy and cost savings, met with the required lighting levels needed for the security and comfort of residents.

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The Results

The winning ingredient in this project was finding a supplier partner to work with who was able to fuse modern technology with classic design, and meet the demands of the towns' planners



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