

CASE STUDY



Nelson Mandela Bay Municipality, incl. Port Elisabeth

Project Name: Nelson Mandela Bay Municipality
(Port Elisabeth, Uitenhage, Despatch, and Motherwell)

Project goal: Roll-out of Energy Efficiency Programmes – Energy Saving Street Light Fittings in Minor Roads; Supply and Delivery of Fittings

Qty of luminaires: 25,000 pcs

Client: Nelson Mandela Bay Municipality

Manufacturer: Lumotech (Pty) Limited

The Nelson Mandela Bay metropolitan municipality, with over one million inhabitants, is a leading municipality in energy efficiency in South Africa. It is also the only metropolitan municipality in the world that has been authorized to be named after Nelson Mandela and includes the City of Port Elizabeth and the towns Uitenhage and Despatch.

Long Life characteristics

The solution consists of compact fluorescent lamps from Aura Light combined with luminaires with patented reflector system from Envirolight. The choice fell on Aura Light's sustainable lighting, mainly because of the Long Life characteristics of the lamps. The long lifetime means that only a third of the replacements have to be done compared to standard products.

Saves 9 million Euros

This gives the Nelson Mandela Bay energy- and maintenance costs savings of on average 600,000 Euros per year over 15 years, which gives an total energy saving of about 9 million Euros. The value of the order is estimated at 2,5 million Euros and includes lamps, luminaires and storage.

Apart from being a holiday destination in South Africa's, Nelson Mandela Bay is also a major industrial area that includes two Ports and is the centre of the automotive manufacturing industry in Africa.



About Aura Light

Aura Light supplies Long Life light sources and solutions. With a lifetime that is up to four times longer compared to standard products, you can reduce your maintenance costs and environmental impact up to 75 %. With our Eco Saver and Eco Lighting Solutions, you can also reduce your energy consumption dramatically, thus reducing your energy costs and carbon footprint further.

