Luxmatic Street Lighting Control System

Streetlighting, as an essential part of urban infrastructure, is crucial for municipal authorities to provide safer streets and prevent crimes for both motorists and pedestrians. Maintenance efficiencies, energy cost savings, improved safety, and environmental protection enhancement are all high on their agendas.

Accordingly, streetlight control systems are expected to provide enhanced functions and features upgraded from the conventional systems. Smart lighting control systems will accommodate these expectations by bringing extended lamp life and adjustable intensity.

Luxmatic is an intelligent street light management and control for dimming control, lamp and ballast failure detection, and usage metering.
Street lighting is seriously related to public safety and thus its performance and reliability are very important. Luxmatic street lighting control system monitors the operating condition in real-time, predicts the life expectancy of the lamps and enables timely maintenance minimizing civil complaints.

Luxmatic lighting control system adjusts the brightness in real-time depending on the traffic volume and the ambient light and saves on energy expenses, which helps reduce CO2 discharge effectively. Furthermore, by monitoring street lights individually, it prevents accidents and reduces maintenance cost.

Excessive lighting is a public hazard as it can harm the eco-system and cause civil complaints. Maintaining optimum lighting suitable for the environment can prevent these public hazards.

Founded in 1992, MAT has been providing solutions for energy savings with lighting control system and reasonable energy consumption by supplying energy management system, working diligently in the Green IT industry to deliver new technology and services.