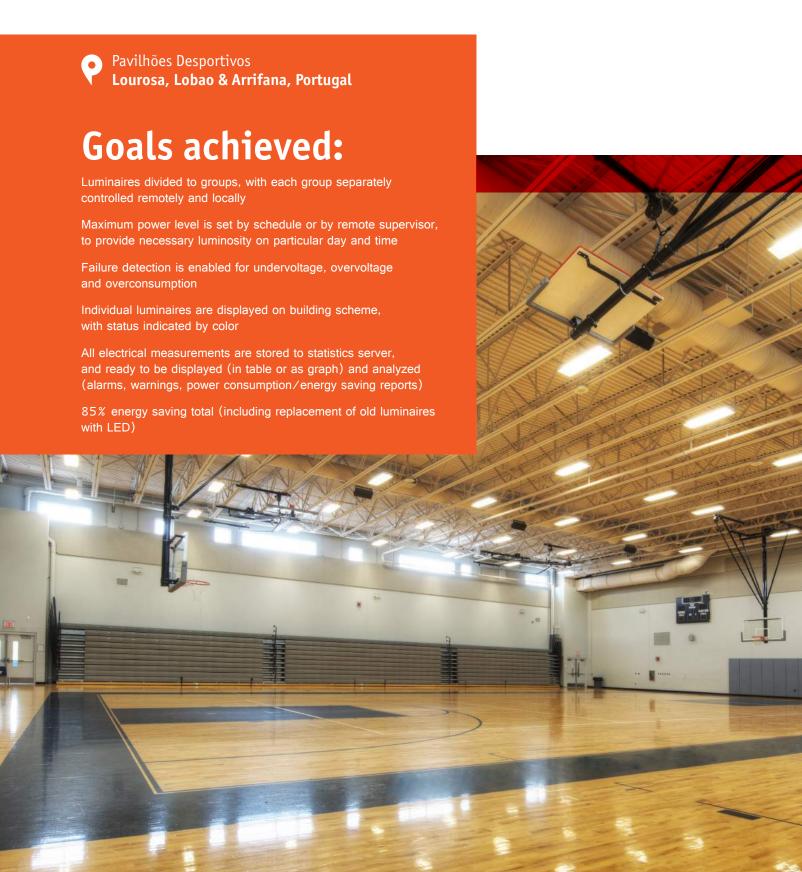
Sports Gyms & Sports Grounds

Smart Lighting Solution Case Study



Qulon smart municipality solutions is designed to provide following features:

Lighting control for municipal buildings and outdoor facilities (sports gyms, sports grounds, schools)

Lighting scheduling for achieving maximum energy saving

Compatibility with conventional manual controls like switches, buttons, etc

Group or individual luminaire control

Individual luminaire monitoring via different medium (DALI, power line communication, radio communication)

1-phase and 3-phase power metering

Range of communication options for on-site controllers (GSM 2G/3G/4G, Ethernet, Fiber optic, etc)

SMS notifications on failures and other events

Geographic information system (GIS) functionality, including status indication on map/scheme, equipment properties database, maintenance tasking, etc

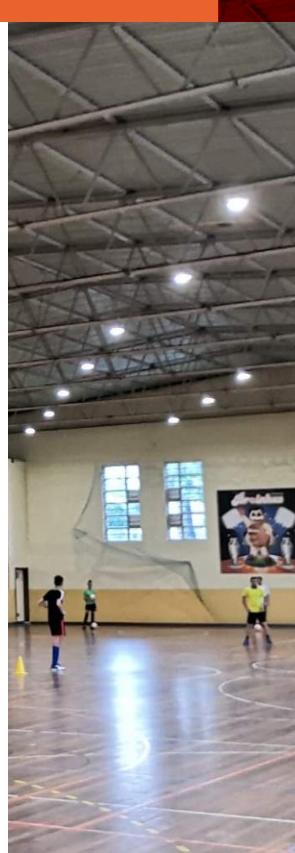
Automatic report generation and distribution

Cloud-based architecture, multiple users with different access rights

Windows-based Qulon Client for setting up

Qulon Web CMS (desktop and mobile versions) for basic control, event logs, telemetry archive and statistics analysis

Node Manager mobile app for basic control functions on Android smartphones



Example projects:

Pavilhões Desportivos

Lourosa, Lobao & Arrifana, Portugal

