



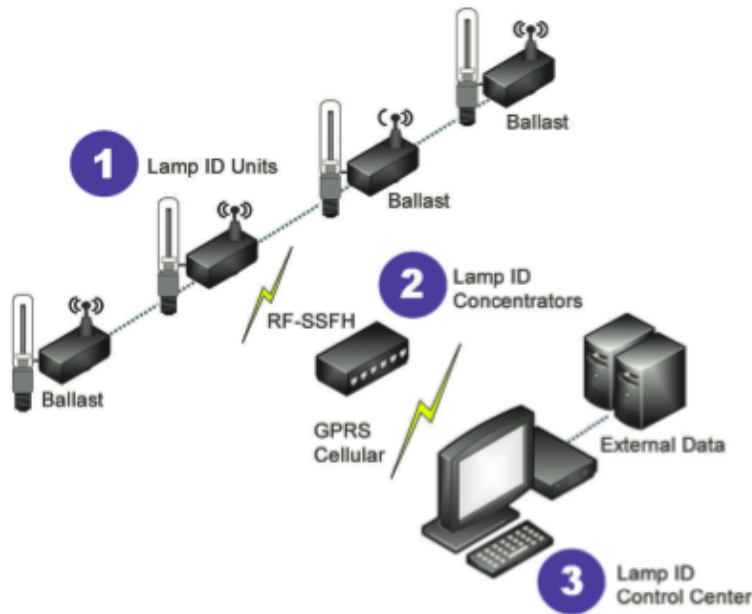
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Menolinx



Menolinx Lighting Control Outdoor Solutions
Triple Layer Architecture

Menolinx offers industrial grade, remote lighting control solutions for a wide range of outdoor lighting systems including roads and highways, industrial areas, recreational parks and car parks.

Menolinx remote lighting control outdoor solutions enable you to:

Key Benefits

Perform smart dimming and create energy profiles for each lamp on the network to reduce energy consumption by up to 40%. Minimize Operating Costs: Monitor the performance and efficiency of each lamp, to perform preventive maintenance and eliminate scouting costs. Reduce Cost of Ownership: Utilize remote control RF technologies to retrofit your existing lighting infrastructure. Perform Flexible and Fast Operation: Switch-on/off and dim each lamp or group of lamps with a simple mouse click. Display Real-Time Data: Get instant online data and statistics for all system devices.

Network Features

Menolinx LampID outdoor solutions run on a propriety mesh network and support a wide range of lighting topologies that feature:

Built-in Spread Spectrum Frequency Hopping (SSFH) radio transceiver.

Cyclic Redundancy Check (CRC) and Forward Error Correction (FEC).

Carrier Sense Multiple Access (CSMA) for each network device.

Advanced half-duplex communication.

True mesh network system converts each unit into a smart repeater.

Built-in anti-collision mechanism.

Broadcast and addressed transmission.

Unique MAC address for each device.

Programmable 0-15 dBm output power.

Plug & Play field installation (no need for RF specialist).

Automatic network rebuilds.

Minimize System Downtime: Increase system reliability by utilizing our comprehensive, network recovery mechanism.

Self-learning network entities.

Automatic add/delete/edit nodes capabilities.

Node redundancy mechanism with minimum 2 node communication.



Green Product:

Reduce Energy Consumption: by 40-60%

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