

LIGHT GUARD LUMINODE

INDIVIDUAL STREETLIGHT CONTROL

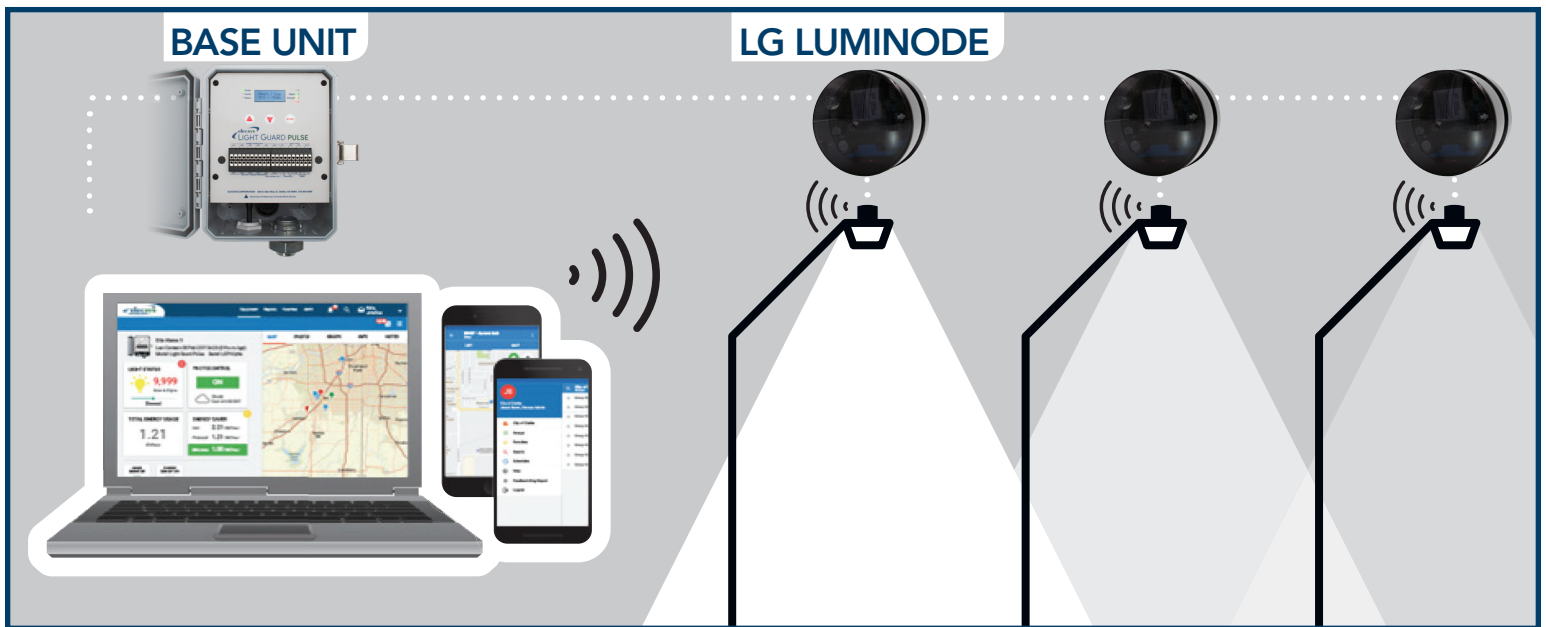
The Light Guard LumiNode from Elecsys is designed to work in conjunction with the Elecsys Light Guard Pulse control and monitoring system. The Light Guard LumiNode enables web-based dimming control and scheduling for LED fixtures that allow the user to program lighting for seasonal changes, special events, or general power saving efficiency.

- Wireless control from the Light Guard Pulse unit to node
- Simple, plug-in installation with an automatic link to the Light Guard Pulse base unit (ANSI C-136.41)
- Enables GPS location and individual control (LGP-DIM2 only)
- Improves lighting efficiency
- Monitors current
- Dimming range from 0-10VDC



The Light Guard LumiNode extends the capability of the Light Guard Pulse streetlight monitor and control system. This includes 0-10VDC dimming control for any ANSI C-136.41 compliant LED light fixture, and optional GPS features, enabling location mapping and dimming control for each individual pole.

Installation is easy, simply remove the shorting cap on top of the fixture, and replace it with the Light Guard LumiNode. The LumiNode will automatically link back to the Light Guard Pulse base unit. The LumiNode is self-contained and powered by 110-240VAC at the light fixture. Note: the LumiNode is designed for use on fixtures compliant with ANSI C-136.41 specifications including at least 2 "wiper" contacts for dimming control.



Light Guard Pulse unit mounts to electrical pedestal

LumiNodes connect to a single Light Guard Pulse unit, enabling large area coverage

Individual ON/OFF and dimming control

Offers system documentation history and diagnostics via secure access to Elecsys Connect

Add/replace lights at any time with simple recalibration

SPECIFICATIONS

Model Number	LGP-DIM (Smart Dimming Node) LGP-DIM-2 (Smart Dimming Node with GPS)
Connection	ANSI C-136.41 twist-lock socket
Power	90-250VAC (110-240VAC typical) from pole socket
Radio	2405MHz to 2470MHz IEEE 802.15.4 Mesh network radio
Environmental	IP66 enclosure
Temperature	-40°C to +85°C
Humidity	0-95% non-condensing
Size	2.5" (6.4cm) height, 3.5" (7.6cm) diameter