LoRaWAN™ Luminaire Controller

NEMA

UL2023

Intelligent Lighting

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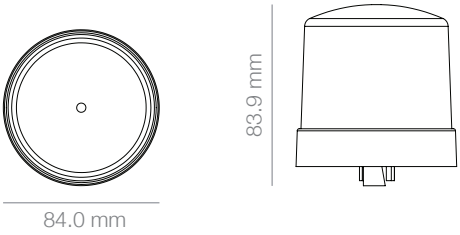

LoRaWAN™ Luminaire Controller NEMA

- Designed to work with DALI-2 or 0..10V analog systems to be fit with various LED or HID luminaires

- Luminaire intensity control
- customizable dimming profiles
- configurable ON/OFF switching
- Multicast support
- simple push-and-twist lock installation
- more affordable than existing solutions
- data for enchanced asset tracking and performance monitoring
- for LED/HID luminaires equipped with ANSI C136.41 NEMA receptacle compliant socket
- redundant real-time clock & calendar
- supports different profiles for every day of the week
- driver control over DALI, DALI-2, D4i or 0-10V
- Bluetooth connection available (FW updatable)
- customisable dimming profiles
- power measurement (optional)
- IP Rating IP66
- operating temperature -25^{O}C ... +65^{O}C

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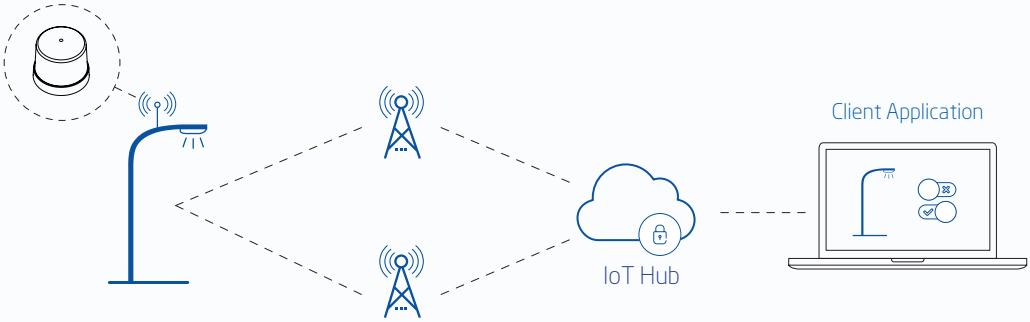
Smart City Street Lighting Solution

Full vertical LoRaWAN™ infrastructure includes: controllers, gateway and IoT Hub cloud platform - plug & play



Luminaire controlling solution enables remote lighting control for LED or HID luminaires with DALI or using analog 0..10V. With better control over lighting you are able to reduce energy consumption, CO2 emission as well as allow efficient maintenance cycles.

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Smart Street Lighting Advantages

Street lights occupy a large part of municipalities budgets, as they are the essential element of every city's infrastructure and form about 40% of its total energy costs. This means more sustainable lighting solutions are needed to ensure optimal amount of light is provided with minimal expenses.

Rapid Increase In Electricity Cost

CO2 Reduction Requirements

Growing Electricity Demands

Lower Maintenance Costs

Reduced Energy Consumption

Simplified Maintenance

Reduced CO2 Emissions

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