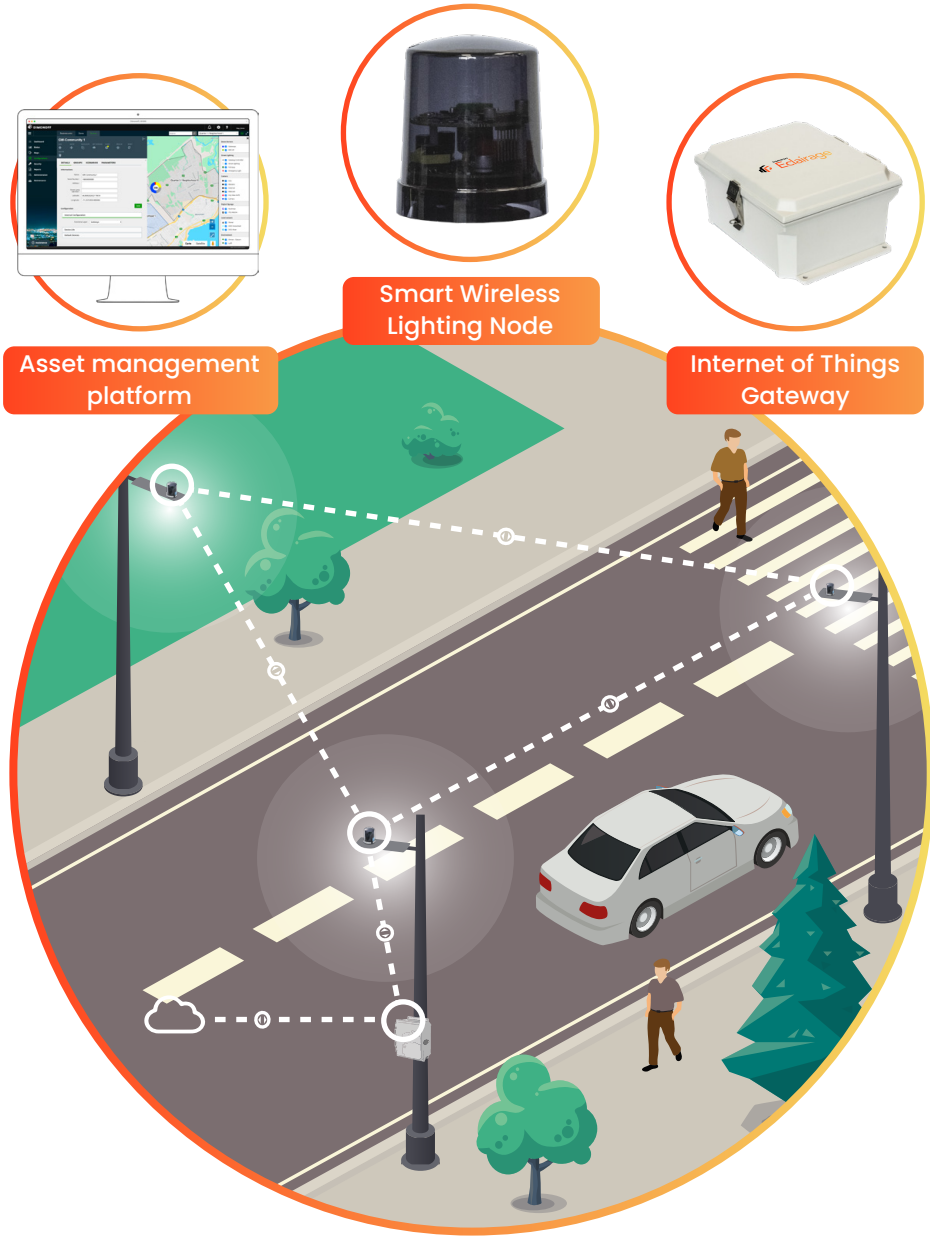
DIMONOFF Lighting

SMART STREET LIGHTING CONTROL

Asset management system: Configure, control, monitor and measure streetlight consumption in real time.



WHY CHOOSE US?

- Dimonoff has been creating sustainable connected solutions that optimize the operational processes of cities and infrastructures.
- 575+ smart lighting projects in 6 countries: proven system in all types of environment.
- Composed of an IoT management platform and connected objects, this solution meets the challenges of large-scale lighting control.
- Used in three of the six largest street lighting projects worldwide.

Experts in IoT Monitoring and Control Technologies

850K+	18+	82M+
Connected Streetlights	Years of Experience	Sensors Interactions/day

3.75" H

RME : Smart Wireless Lighting Node

The Dimonoff wireless smart lighting node is a future-proof, complete and scalable one-module lighting control system. It includes firmware C architecture that adapts to future evolution of radio technologies (including LoRa, NBIoT and others). It suits both small and large networks that use groups, zones, adaptive lighting, scheduling functions and many other state-of-the-art features.

The RME is compatible with both the ANSI C136.41 7-pin receptacle and the Zhaga Book 18 receptacle. Used by Cities, Utilities and Businesses such as shopping centers, car dealerships, airports or campuses to remotely manage their lighting infrastructure. RMEs connect with each other and with a Dimonoff Gateway (or via cellular) to create a wireless mesh network that enables connectivity for other types of sensors and connected devices.

- 7 pin Standard
- Weather-proof
- Dimming
- Open Protocol
- Energy Measurement
- Tilt Sensor
- I/O
- Auto Calibration

Communication

DIGI Digi XBee Pro 2.4GHz

DIGI Digi XBee Pro 900MHz

Honeywell elster

LoRa

NB-IoT

Power Supply

110-480 Vac

Warranty

5 years

ANSI C136.41 or Zhaga Book 18 receptacle

DALI or 0-10V driver

RME Certifications

RME: ANSI/UL 773, CSA 22.2 (Dimonoff file ID E476540) UL 94V-0

U.S. FCC (Digi XBee PRO 2.4 GHz): MCQ-PS2CTH, Canada IC: 1846A-PS2CTH, Europe CE: ETSI, Australie: C-TICK, Japon: TELEC

U.S. FCC (Digi XBee PRO 900 MHz) Part 15.247 Class A: MCQ-XB900HP

U.S. FCC (Honeywell / Elster): QZC-ELIR1

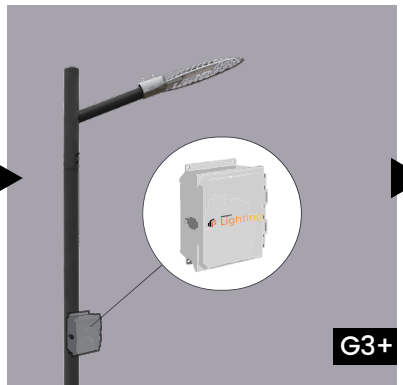
Robust Design

Ambient temperature range: -40C to +70C

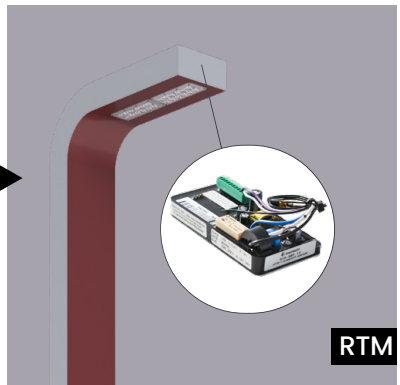
Relative Humidity: up to 99% non-condensing

IP66

Dimonoff | SCMS



G3+



RTM

RME