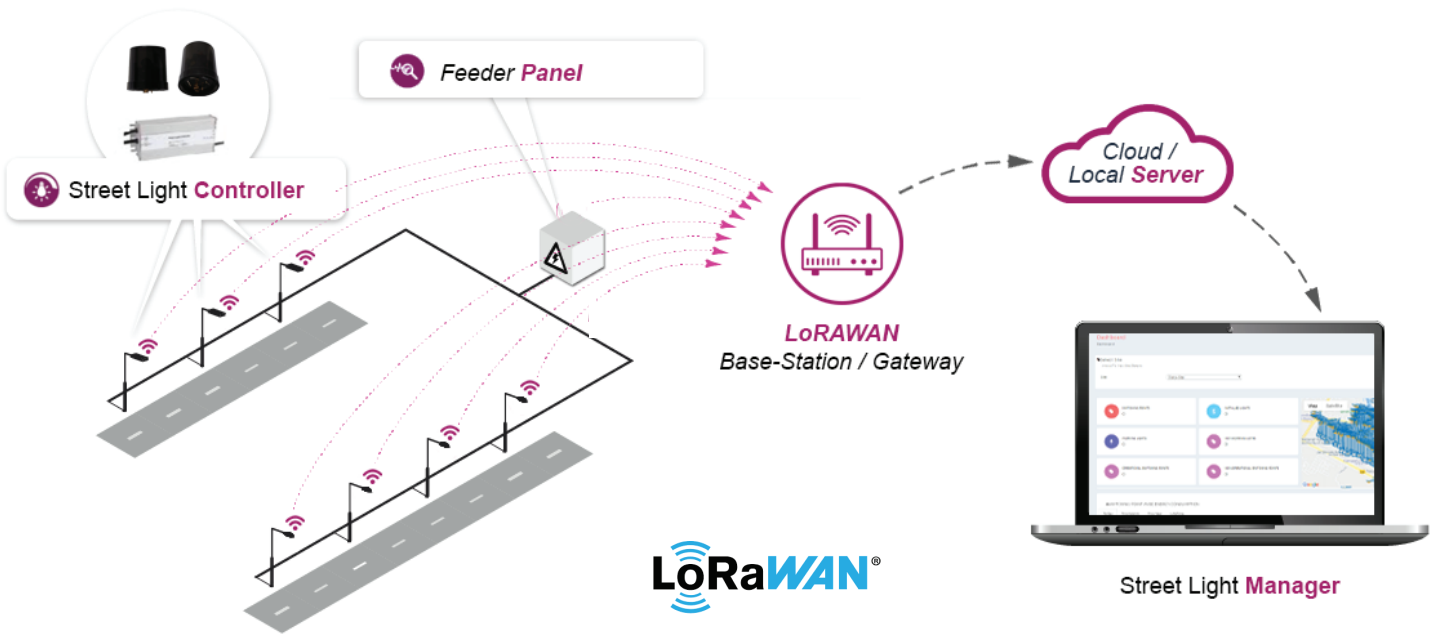


VloT Smart Street Light Solution is designed to create an overarching digital control system that is based on the concept of IoT, and cloud computing to deliver efficiency to existing streetlight grids.

VloT NEMA Controller provides an easy plug and use option for LED Street Lights that have a 7-pin NEMA receptable in order to achieve remote control and management capabilities.



## KEY FEATURES

Remote On/Off	Dimming (0-10V Analog)	Health Monitoring
Energy Calculations	Electrical Measurements	7-pin NEMA Interface
Less than 2W Consumption	4kV Surge Protection	IP66 Rated
LoRaWAN (AS923-2)	Up to 500W LED Load	



## KEY FEATURES

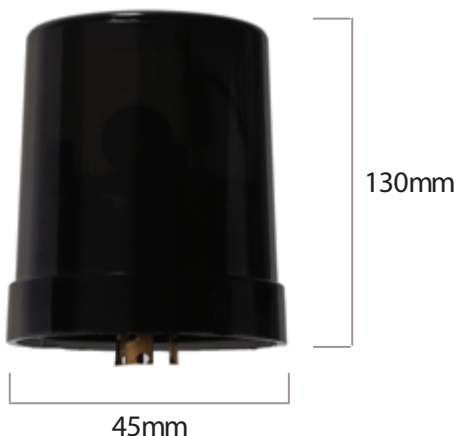
- Remote on, off, and dimming of an LED Street Light with 7-pin NEMA Socket
- Includes health monitoring of light (Voltage, Current, Power, kWh, PF, On-Hours, etc)
- LoRaWAN communication (AS923-2 Band)
- Supports remote configuration and management through Street Light Manager Software
- Operational modes (Manual, Automation, Astronomical Clock, Emergency, Photocell-Optional)
- Supports analog dimming that facilitates control of LED luminaire (0-10V)
- On-board real-time clock with battery backup keeps track of operational hours
- Supports real-time alerts and remote fault monitoring
- 7-pin NEMA with IP66 rating



## TECHNICAL SPECIFICATIONS

Product Name	NEMA Street Light Controller - LoRaWAN (AS923-2)
Product Code	VIoT-SLC-LW-923-2-NM-R1
Input Voltage	90 to 320V, 50Hz
Lighting Loads	Up to 500W
Communication	LoRaWAN - AS923-2
Dimming Interface	0-10V Analog Dimmable Driver
Power Consumption	Less than 2W
Internal Surge Protection	4kV
Electrical Safety	Overload, Short-Circuit
Measurements	Voltage, Current, Power, Frequency, Power Factor, Apparent Energy, Active Energy, On-Hours
Network Security	128-bit AES Encryption
Manufacturing Standard	ISO 9001-2015

## MECHANICAL DIMENSIONS



## ELECTRICAL CONNECTION

