

Product features

- Remote and independent operation via saved operating schedules
- Independent dimming due to environmental conditions
- Real Time Clock with integrated calendar
- Wireless communication with nodes in star network form
- Wireless communication with external sensors
- Periodic reporting of luminaire health
- Power consumption monitoring report
- Individual or grouping control
- Increases luminaire life
- Decreases light pollution, less carbon emissions
- Increases quality of lighting services



Electrical characteristics	
Operating voltage	100 - 240 V, 50 - 60 Hz
Power consumption of the gateway	22W
Dimming control output	0/1 - 10 V
Mechanical characteristics	
Dimensions & Weight	300x420x170 mm, 3700g
Operating conditions	
Operating temperature	-40°C to +80°C
Communication interfaces	
Communication with node controllers	Lora, IEEE802.15.4g standard based radio, operating at 433/868 MHz up to 290kbps data rate
Network security	AES-256
Gateway to central server via GSM	GSM 3G/4G and Ethernet
Controllable node number	Up to 5000
Communication protocol with UI	Web Service
Standard compliance	
Outdoor rating standards	IP67