

RF Coordinator

Introduction

The RF coordinator is a gateway connecting the LampID concentrator with the remote nodes via RF. One part of the coordinator holds the communication module in an IP67 unit while the other holds the power supply and the communication. The coordinator supports all types of RF nodes and comes with 2 wires connection to the power supply (12-24VDC) and RS232 cable to connect directly to the LampID RS232 port. Once installed, the RF coordinator locates the RF nodes in the area and registers the nodes with the LampID system.

Main features:

- Online connectivity between LampID concentrator and RF nodes
- Suitable for outdoor and indoor installation
- Connectivity with all LampID RF nodes
- Simple installation
- Smart fail safe operation in the event of no communication
- Support up to 239 RF nodes



Specifications

Input Voltage	12-24 VDC
Power Consumption	< 1W
Communication	RF ISM Mesh
Operating Temperature	-30°C (-22°F) to +80°C (176°F), 95% Humidity
Environmental	IP67 (RF module)
Compliance	FCC and CE standards and requirements
Transmission Frequencies	868/915 MHz
Connection	RS232C 9 Pins Socket, 2 wires for DC power
No. of Node supported	up to 239
Communication	LampID propriaty Protocol