



LiTouch Node

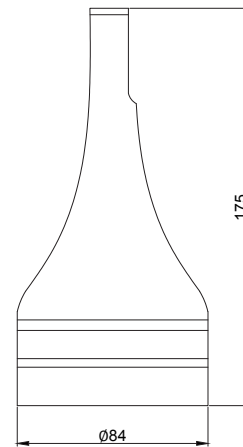
Individual control module for LiTouch wireless lighting management system (868/915 MHz)



LiTouch Node (radio control unit) is installed into the housing of each luminaire, and controlled by LiTouch Base Stations add-on via 800-950 MHz radio channel. Provides dimming functionality via different interfaces (DALI, PWM, 1-10 V) as well as individual load control (on/off). Compatible with 3rd party motion sensors.

Key Features

- Versions with open wires, terminal blocks and OEM
- Versions with the installation in any case
- Luminaire case mounting
- Individual lighting control without additional wires
- Embedded light sensor
- Optional embedded GPS/GLONASS chip
- Optional triac for on/off load switching
- Motion sensor input
- Automatic node positioning on the map



QULON CMS

QULON is a powerful yet extremely flexible Central Management System for street lighting. A combination of software applications and different hardware technologies that will offer you full control over any kind of lighting network enabling activity scheduling, real time faults notification, remote meter reading, performance analysis, custom dimming scenarios creation, maintenance workflow management and much more, increasing efficiency and cutting down costs.



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Technical Specifications

Mechanical

- Housing: Solid case
- Material: Plastic
- Dimensions, mm: 84(D) x 175(H) x 84(W)
- Mass: 0.3 kg
- Mounting: Luminaire case

Power & Electrical

- Input Voltage: ~100-270 VAC, 50/60 Hz
- Input Power (max): 5 W
- Mains Fuse: 0.5 A
- Max load Power: 1000 W

Environmental

- Operating Temperature: -40...+70°C
- Storage Temperature: -50...+80°C
- Operating Relative Humidity (max): 100%
- IP Rating: IP 65
- Certification: CE, RoHS
- Warranty: 36 Month (Return to base)

Inputs / Outputs

- Connectors: Leads, Screw terminals
- Sensors: Motion sensor input, Embedded light sensor

Interfaces and Protocols

- Control output interface: 1-10 V/ PWM, DALI
- Navigation: GPS/GLONASS (optional)
- Communication with controller: ISM band 868/915 MHz
- Sensitivity: 123 dBm
- Output power: +14 dBm

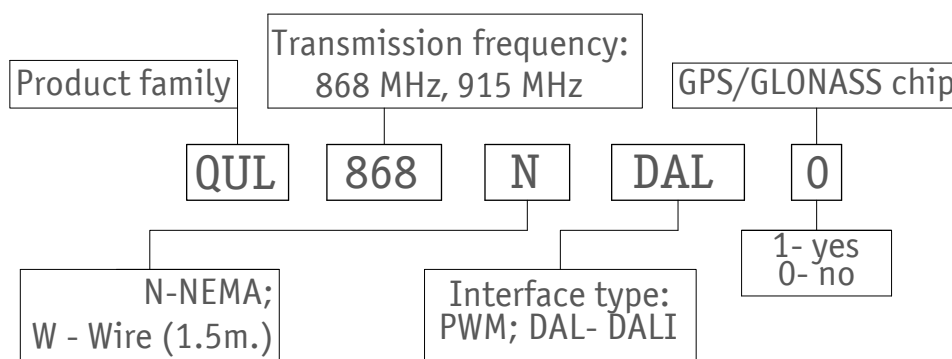
Configuration / Indication

- Setup: Remote via Qulon-C/DEUS and Qulon LiTouch
- Indication: LED

Package Contents

- LiTouch module
- User guide
- Connectors kit

Product Line



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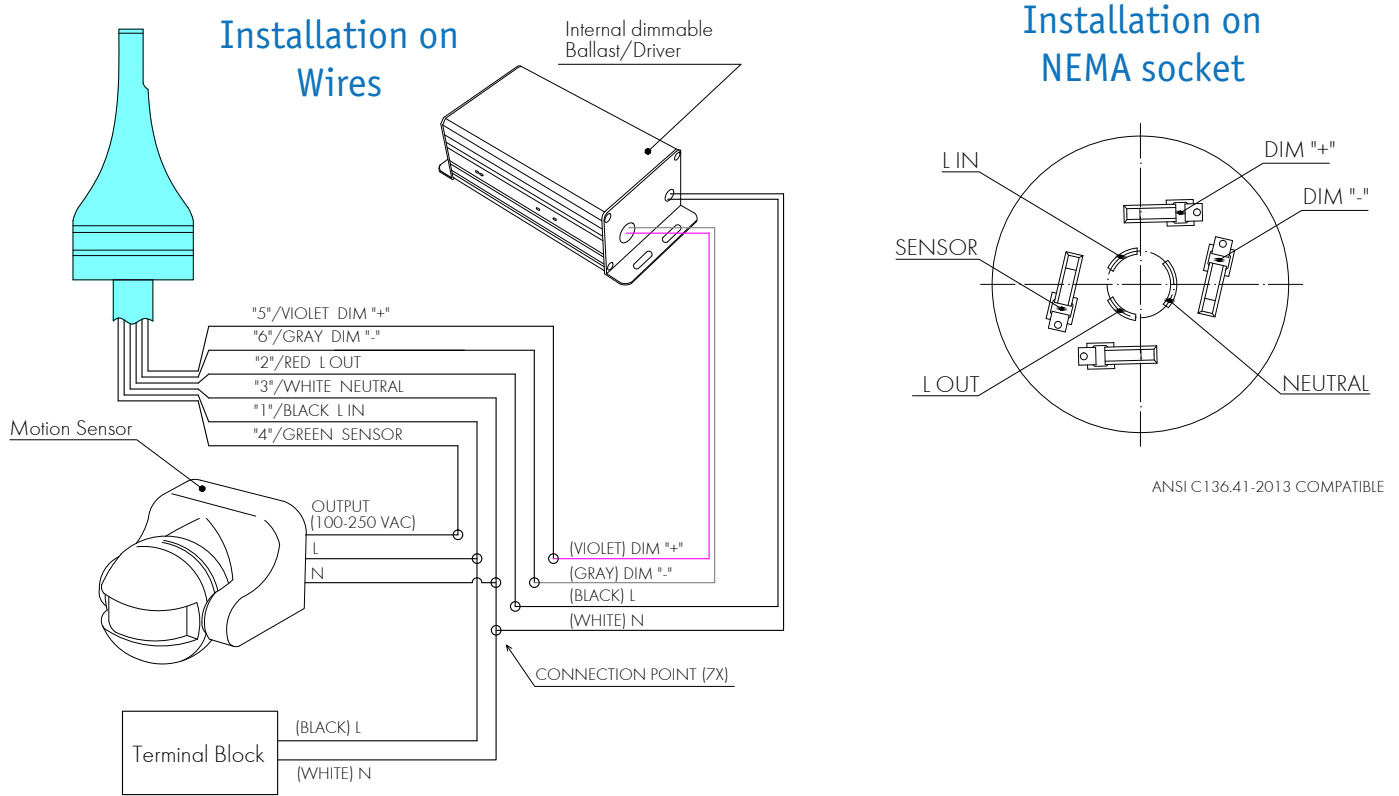
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Connection Scheme



Accessories

Name	Product code
5-pin connector socket (NEMA)	QUL-ACC-NEM-135
7-pin connector socket (NEMA)	QUL-ACC-NEM-137
Motion sensor	QUL-ACC-RFM-112
Kit for detachable installation	QUL-ACC-RFM-141
Kit for mounting on the pillar	QUL-ACC-RFM-142
Kit for mounting on the wall	QUL-ACC-RFM-143
Kit for mounting on the lighting cabinet	QUL-ACC-RFM-144

Disclaimer

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. No liability accepted for errors or omissions. Always make sure to use the most recent release and contact Sundrax Electronics to verify correctness before placing your order.



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