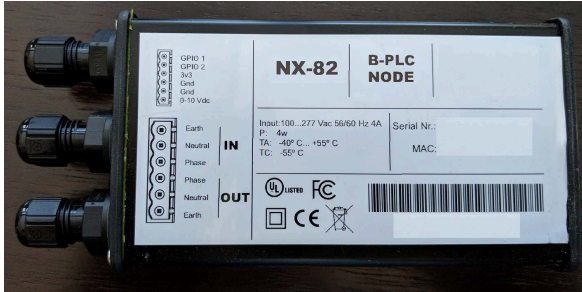


Prepared by:	Product Code:
Prepared by:	Date:

RECEIVING NODE NX-82 NX-84 (RJ45)



The Receiving Node is integrated within the LED fixture to link it and communicate with the Head End Node, the main functions are:

- Data transfer between the fixture and Head End Node (concentrator)
- Set the LED fixture level (dimming, on/off) as requested in real time by the system settings
- Interface with occupancy and light sensor
- Check proper operation of the unit
- Supervise operating temperature

SPECIFICATIONS

Name	Receiving Node
Product Code	LLP-NT-NX-82 / NX-84(RJ45)
Metering	Light, Temperature, RTC Power Metering & Memory
Input Voltage	100 - 277VAC
Frequency	50 ~ 60 Hz
Power Factor	> 0.80
Maximum Power	6W
Max output voltage	4A
Max output current	400W @ 120VAC 1000W @ 277VAC
Operating Temp	-40°C - +60°C
Control Output Range	100 ~ 277 VAC
Control Max Output Current	50 mA
Dimensions	6.25 X 3 X 1.25 inch
IP	IP65

Broadband Power Line Communication

- Real Time Performance
- Secure Transmission
- Outperforming Modulation Technology (OFDM)
- PnP Installation and Configuration (Plug and Play)
- Standard Base IP Communication
- Scalability to add Nodes and new Applications
- Self-Healing Network
- High Speed Transmission (up to 50 Mbps)
- And all this at Low Cost

Integrating

- Optimal path selection protocol: a technology that finds the best route in terms of attenuation and number of hops to connect a Node to the Head End.
- Adaptive load balancing: a technology that optimizes channel allocation to maximize the throughput in a network with many Nodes.
- Remote firmware upgrade: capable of installing a new Node or application software from a centralized control center.

Installations, cautions and warnings

- This device doesn't have replaceable or interchangeable elements, so it mustn't be manipulated.
- If the device is installed or used in a manner not specified by the accompanying documents, the safety of the device may be impaired.
- Do not install around combustible gas or gas vapor.
- Do not install in an electrical service with current or voltage outside of the specified limit of the device
- Do not operate this device with the cover removed.
- Beware of working around this device when the voltage is live. There is a risk of electric shock
- See instructions for connection diagrams

