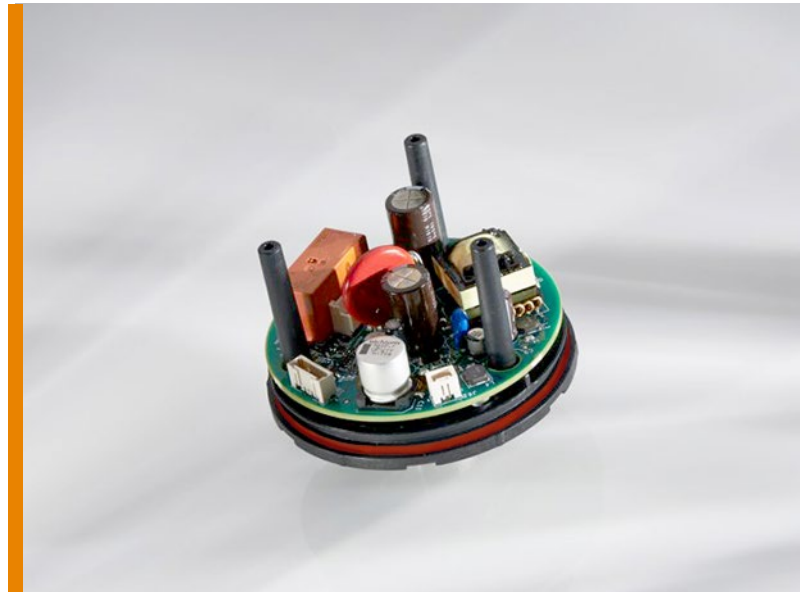


INTRODUCING LUMAWISE ENDURANCE N ENHANCED BASE

- Enable cost-effective design re-use through organized DC power and signaling interfaces
- Reduce supply chain expenses with new project opportunities, lower certification and engineering



TE Connectivity (TE)'s LUMAWISE Endurance N Enhanced base creates a platform for rapid development and manufacture of NEMA/ANSI street and outdoor lighting control solutions. The enhanced base takes the TE's LUMAWISE light controller base assembly to the next level of performance. By providing AC power switching and DC power supplies necessary for complex control node solutions, it allows designers more time to focus on value-adding features. The enhanced base presents organized DC power and signalling interfaces to the designer. Incorporates a mechanical architecture which supports design reuse and modularity across lighting control products. Using the enhanced base as a product platform de-risks project schedules, cost of design changes, and reduces opportunity cost by enabling more value-adding innovation. It also streamlines supply chains, all to drive benefit of the bottom line.

KEY BENEFITS

- Enable cost-effective design re-use through organized DC power and signalling interfaces
- Reduce supply chain expenses with new project opportunities, lower certification and engineering
- De-risk project schedules and cost of design changes
- Improve manufacturability and further innovation focus

MATERIALS

- **Housing:** PBT
- **Dimming Contacts:** Copper alloy gold plated
- **Power Contacts:** Copper alloy tin plated
- **Gasket:** Vinyl-nitrile foam
- **O-Ring:** Silicone rubber
- RoHS compliant

LEARN MORE

[LUMAWISE Endurance N Enhanced base Landing Page](#)

[LUMAWISE Endurance N Enhanced base Product Flyer](#)

[LUMAWISE Endurance N Enhanced base Parts List](#)

APPLICATIONS

- Street & roadway lighting control
- Commercial & campus outdoor lighting management
- Smart cities control networks
- Smart grid to smart cities bridging

ELECTRICAL

Parameter	Value/Note
Input Voltage Range	90-300 VAC for 110/120, 230/240 and 277 VAC nominal sources
Input Frequency	47-63 Hz for 50/60 Hz nominal sources
Maximum AC current	5A based upon the relay ratings
DC Power Supplies	
Dimming	24 VDC at 50 mA maximum
Communications	5 VDC at 1000 mA maximum
Auxiliary	3.3 VDC at 500 mA maximum
Surge Protection	ANSI C62.41 6 kV, 3 kA combination wave surge protection
Power Consumption	<1W @ 120VAC, < 2W @ 277 VAC
Fail Mode*	On or Off

STANDARDS & SPECIFICATIONS

- **Application Specification:** 114-133085
- **Product Specification:** 108-133085