



LUMAWISE ENDURANCE N+ 76 MM & 81 MM DIAMETER BASE WITH INTEGRATED GASKETS

TE Connectivity (TE)'s LUMAWISE Endurance N+ network lighting control accessories include an ANSI C136 compliant base assembly with an integral seal gasket. The base assembly provides a power and signal interface solution between the network lighting control and luminaire mounted receptacle. The base assembly includes power twist lock terminals, spring leaf signal terminals and an integral sealing gasket. Coupled with a LUMAWISE Endurance N IK09 rated cover, the bases and covers provide an IP66 rated enclosure.

APPLICATIONS

- IP66 photocells
- Dimmable photocells
- Standalone lighting controls
- Network lighting controls
- Discrete lighting controls
- Street and area lighting
- Roadway lighting
- Commercial outdoor lighting (i.e. parking lots, car dealerships)

MECHANICAL

- Operating temperature range: -40°C to +105°C
- Offer 3, 5 and 7 position version
 - 3 positions: 3 power contacts
 - 5 positions: 3 power contacts + 2 dimming/signal contacts
 - 7 positions: 3 power contacts + 4 dimming/signal contacts

MATERIALS

- Contact plating: Tin plated power contacts
Gold plated signal contacts
- Housing color: Base (black)
- Housing material: Base (UL 94 V-0)

BENEFITS

- The solution is lower priced and additional steps to add the gasket are significantly reduced
- Shorten customer time-to-market with more affordable control options

FEATURES

- ANSI C136.10/C136.41 compliant
- Achieve long term reliability using TE's power and signal interface
- Incorporating an optional vent into the base assembly helps enable increased life expectancy of the electronics inside the enclosure
- Two shot molded integral base and perimeter gasket
- PCB solder pin layout identical to existing 76 mm and 81 mm diameter base assemblies
- Bases accept existing LUMAWISE Endurance N 76 mm and 81 mm diameter covers

STANDARDS & SPECIFICATIONS

- Product: [108-32125](#)
- Application: [114-160849](#)

LUMAWISE Endurance N+ 76mm & 81mm Diameter Bases with Integrated Gaskets

PART NUMBERS

Part Number	Part Description
2468181-1	Lumawise Endurance N+ 76mm, 7P with vent
2468181-2	Lumawise Endurance N+ 76mm, 5P with vent
2468181-3	Lumawise Endurance N+ 76mm, 3P with vent
2468181-4	Lumawise Endurance N+ 76mm, 7P without vent
2468181-5	Lumawise Endurance N+ 76mm, 5P without vent
2468181-6	Lumawise Endurance N+ 76mm, 3P without vent
2466136-1	Lumawise Endurance N+ 81mm, 7P with vent
2466136-2	Lumawise Endurance N+ 81mm, 5P with vent
2466136-3	Lumawise Endurance N+ 81mm, 3P with vent
2466136-4	Lumawise Endurance N+ 81mm, 7P without vent
2466136-5	Lumawise Endurance N+ 81mm, 5P without vent
2466136-6	Lumawise Endurance N+ 81mm, 3P without vent

Contact Our Product Team

We make it easy to connect with our experts and are ready to provide the support you need. Visit te.com/support to chat with a Product Information Specialist.

te.com/lumawise-endurance-n-plus-with-integrated-gaskets

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