



# LUMAWISE ENDURANCE N POKE-IN

## Streetlight Dimming Receptacle

LUMAWISE Endurance N poke-in is the next generation of ANSI type streetlight dimming receptacle. The flying leads on a standard ANSI dimming receptacle are a must in markets that use drivers with flying leads for the rest of the world, where terminal blocks are used. LUMAWISE Endurance N poke-in will help simplify a manufacturer's supply chain and create manufacturing efficiencies.

LUMAWISE Endurance N poke-in will be the only part number you will need for your whole luminaire portfolio. Operators will no longer have to fight with unwrapping and routing wires. Along with sustainability gains from being able to use wiring harnesses with the correct length wires and not having to terminate the unused positions.

### BENEFITS

- Improved ingress protection from internal blind mounting features
- All fixings done from inside the luminaire. Meaning an operator doesn't need to flip heavy cast luminaires
- Reduced waste as unused positions 6 and 7 don't need to be cut and terminated. While still being upgradable in the future
- Directly wire from receptacle to driver. No interstitial cabling required
- Creates manufacturing efficiencies that helps improve profitability of a luminaire



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## FEATURES

- Poke-in wire termination
- Form factor: ANSI C136.41
- Available in 7 and 3 positions
- IP66 from integrated gasket, with control device in place
- IK09 impact resistance
- Wire gauge size:
  - Power Contacts – 0.75 $mm^2$ - 1.5 $mm^2$ (18 - 16 AWG)
  - Signal Contacts – 0.5 $mm^2$ - 0.75 $mm^2$ (20 - 18 AWG)
- Flat for orientation and positioning in luminaire
- High contrast housing to aid marking identification
- DALI contact identification marks
- Coloured gasket to aid hole alignment
- Mechanical stop to reduce the chances of gasket over tightening
- Asymmetric coring on front face for jigging poka-yoke

## APPLICATIONS

- Street and area lighting
- Roadway lighting
- Commercial outdoor lighting (i.e. car parks, stations, car dealerships)
- Photocontrols

## MECHANICAL

- Height above luminaire: 19 mm
- Height below luminaire: 18.4 mm
- Diameter: 64.3 mm

## ELECTRICAL

- Power contacts:
  - Current rating: 12 A max
  - Voltage rating: 480V AC/DC
- Signal contacts:
  - Current rating: 1.5 A max
  - Voltage rating: 30V AC/DC

## MATERIALS

- Power contacts: copper alloy, unplated
- Dimming contacts: copper alloy, gold over nickel plating
- Housing: glass filled PBT, UL 94V-0 flammability rated

## STANDARDS

- EN 61984
- BS5972

## PART NUMBERS

| Part Number | Part Description | Number of Position |
|---|---|---|
| 2439396-1 | LUMAWISE Endurance N poke-in | 7 Positions |
| 2439396-2 | LUMAWISE Endurance N poke-in | 3 Positions |

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02/24 AK



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