



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

LUMAWISE ENDURANCE N POKE-IN

Streetlight Dimming Receptacle

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 mm² - 1.5 mm² (18 - 16 AWG)
 - Signal Contacts – 0.5 mm² - 0.75 mm² (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 jiggling poka-yoke

APPLICATIONS

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

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

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

te.com

© 2024 TE Connectivity. All Rights Reserved.

LUMAWISE, TE Connectivity, TE connectivity (logo) and Every Connection Counts are trademarks owned or licensed by TE Connectivity.

All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE reserves the right to make any changes to the information contained herein without prior notice. Information contained herein are for reference purposes only and TE expressly disclaims any implied warranties with respect to the information contained herein, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose. TE assumes only those obligations set forth in the terms and conditions for this product and shall in no event be liable for any incidental, indirect, or consequential damages arising out of the sale, resale, use, or misapplication of the product. Consult TE for the latest dimensions and design specifications.

02/24 AK

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2439396-2](#) [2439396-1](#)