

INTRODUCING

LUMAWISE

ENDURANCE S2

ZHAGA BOOK 18 / Z10

STREET LIGHT CONNECTORS

- **Compact size allowing greater flexibility in luminaire design**
- **IP66 sealing with no mounting screws**



TE Connectivity (TE)'s LUMAWISE Endurance S Connector System is a complete set of products specially designed for street and area lighting. There are two main offerings. The original Endurance S Zhaga Book 18 connector system enables D4i controlled Zhaga Book 18 compliant luminaires while the Endurance S Keyed Connector System enables non-Book 18 applications like Z10.

Extending from the Endurance S portfolio is the S2 receptacle. Offered in both Zhaga Book 18 and Z10 enabled keyed varieties the S2 receptacle introduces a two-wire per contact solution for ease of wiring and applied cost savings in luminaires with dual node architecture.

FEATURES

- Simple insert and rotate to lock feature, no tooling needed and one handed operation to install allows luminaires to be simply and quickly upgraded
- High impact protection - IK09 rating
- Flexible mounting position. Top mounted, side mounted and bottom mounted facing
- Scalable solution allows use of Ø40mm and a Ø80mm controls with the same connection interface
- Poke-in contact design reduces logistics issues with needing different wire lengths for different luminaires
- CB certification

APPLICATIONS

- Street and area lighting
- Roadway lighting
- Commercial/municipal outdoor lighting
- Outdoor luminaires
 - Wall packs
 - Parking lots
 - Walkways photo controls
- City management system
- Sensor modules i.e. motion

ELECTRICAL

- **Contact rating:** 5A, 250V
- Meets 10kV dielectric withstand voltage to mounting surface 4 pole contacts

MECHANICAL

- **Mounting:** M20X1.5 thread
- **Height above luminaire:** 10mm
- IP65 & IP66
- **Receptacle:** Ø30mm
- **Gasket:** Ø36.5mm
- **Thread length:** 18.5mm
- IK09 rated system solution

MATERIALS

- PBT receptacle
- LSR gasket
- Polycarbonate domes
- UL UV-f1 rated for outdoor use

SPECIFICATIONS

- **Product:** [108-133073](#)
[108-160194](#)
- **Application:** [114-133074](#)
[114-160106](#)
- Rated IEC61984 and UL773
- CB Certified

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