

INTRODUCING LUMAWISE ENDURANCE S DOMES

- Follows industry standard Zhaga Book 18
- Extend product life in harsh environments with an IP65 and IP66 rated product

TE Connectivity (TE) LUMAWISE Endurance S domes are available in 40mm and 80mm diameter. The 40mm domes are available in two dome heights (low 24.3mm, tall 39.3mm). Three dome heights are available for the 80mm domes (low 33.4mm, medium 43.4mm, tall 58.4mm). All domes are available in clear and smoke gray. These Zhaga Book 18 street lighting connectors consist of a standardized receptacle interface on the lighting fixture and the base and dome components which combine to house a control module. The IP66 rated receptacle assembly, base and dome combinations provide a sealed electrical interface between new slim design LED streetlights and the associated sensor modules.

KEY BENEFITS

- Follows industry standard Zhaga Book 18
- Extend product life in harsh environments with an IP65 and IP66 rated product
- IK09 high impact resistant
- Flexibility in design with upwards, downwards and sideways facing mounting versatility
- Secure low torque mating of sealing cap or base and receptacle
- Condensation minimized with an optional vent feature

APPLICATIONS

- Street and Area Lighting
- Sensor Ready Control Applications
- Outdoor Luminaires
 - Wall Packs
 - Parking Lots
 - Walkways
- Photo Controls
- Central Management System
- City Management System
- Other sensor modules e.g. occupancy

LEARN MORE

[LUMAWISE Endurance S Landing Page](#)

[LUMAWISE Endurance S Product Flyer](#)

[LUMAWISE Endurance S Domes Model Part Page](#)

[LUMAWISE Endurance S Domes Parts List](#)

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ELECTRICAL

- Contacts rating: 1.5A, 30V (24V typical)
- Meets 10kV dielectric withstand voltage to mounting surface
- 4 pole contacts
 - Pin 1: 24Vdc
 - Pin 2: DALI (or DALI based protocol) -/common ground
 - Pin 3: DALI (or DALI based protocol) +
 - Pin 4: General I/O

MATERIALS

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

MECHANICAL

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

STANDARDS & SPECIFICATIONS

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

