

INTRODUCING LUMAWISE MOTION SENSOR LOGIC OUTPUT

Streetlighting Motion Sensor

- Add motion sensing to your analog architecture, via a NLC and downwards facing interface
- Detected motion will cause a dimmed luminaire to brighten allowing for energy savings while still having the safety and security of a well-lit area



The LUMAWISE Motion Sensor Logic Output is an analog version of TE Connectivity (TE)'s popular LUMAWISE Motion sensor designed for streetlighting. When paired with a Networked Lighting Controller, NLC (not included), enables energy savings from dimming the luminaire, while still being able to react to motion and bring a luminaire to a higher brightness for safety and security reasons.

LUMAWISE Motion Sensor Logic Output is powered from a NLC and will provide it with a high signal upon detecting motion. In turn the NLC can then send the appropriate 0-10V signal to a driver, controlling the light output. The device also has the capability to provide the NLC with analog ambient light measurements.

BENEFITS

- Market leading detection zone. From either a rectangular or circular detection zone
- Pluggable device via the 'Z10' interface

FEATURES

- 30mx6m rectangular detection zone (@5m height)
- Ø13m circular detection zone (@5m height)
- Tested on poles from 5 to 12m high
- Ambient light measurement range: 0-2000lux (wider or narrower range possible upon request)
- Masks available for self-defined detection zone
- Lighting control of the driver from additional NLC

APPLICATIONS

- Street and area lighting
- Cycle and walkway lighting
- Parking lots and garages
- Car dealerships
- High bay lighting

ELECTRICAL

- 50mW average power consumption, <30mA average during startup
- Input voltage range: 10Vdc to 24Vdc ±10%

MECHANICAL

- Height: 42.0mm
- Diameter: 79.7mm

MATERIALS

- Dome: HDPE and polycarbonate
- Base: PBT

STANDARDS

- UL773

SPECIFICATIONS

- Application specifications: [114-160647](#)
- Product specifications: [108-160647](#)

LEARN MORE

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