



## Adaptable street lighting through wireless control

AirGlow dramatically reduces power consumption while ensuring street lighting remains safe and effective. It uses advanced autonomous control systems that adjust lighting based on real-time sensor data. When no movement is detected, lights dim or turn off, saving energy. When movement is detected, lights brighten to full illumination within a second, ensuring safety is maintained.

AirGlow is a one-time purchase with no recurring fees, making it an affordable choice for towns and cities. It optimizes energy use and is perfect for lighting pathways, recreational areas and other public spaces.

## AIRGLOW PRODUCT RANGE

### AirGlow

- DALI2 and D4i certified
- Zhaga Book 18 connector
- Tunable white functionality
- Superior range
- No internet connectivity required

### APP

Verify your installation with the LumenRadio AirGlow app



Get the app



### ENERGY SAVINGS

Reduce power consumption and energy costs with adaptable street lighting.



### UNCOMPROMISED SAFETY

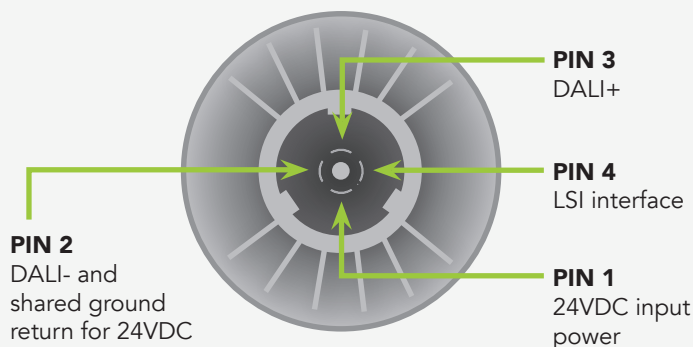
Lighting can be switched to full illumination when movement is detected.



### EASY INSTALLATION

Efficient and user-friendly installation means projects are completed quickly.

## TECHNICAL SPECIFICATIONS



## FEATURES

- DALI2 and D4i certified
- Zhaga book 18 compliant hardware
- Astronomical time triggering of scenes
- Time triggering of scenes
- AirGlow will keep local time for up to 12 months in a power less state.
- Presence detection scene triggering via DALI2/D4i Zhaga Book 18 sensors or through LSI interface.\*
- Use smartphone app to set up scenes and groups
- Up to 6ch DALI DT6, CW WW RGB A/W
- Presence detection scene triggering sub second response time

\* please refer to the DALI alliance online product database for a full list of DALI-2 certified occupancy sensors

## DATA SHEET

### Environmental

- Temperature/Humidity  
Operational: -40 to +65C / 10% to 90% non condensing  
Storage: -40 to +85C / 10% to 90% non condensing
- IP65 rated
- IK09 high impact resistant
- UV protection/salt ingress, protected by enclosure

### Electrical

- 24+/-6VDC input voltage
- 250mW nominal power consumption
- 27VDC max on DALI and LSI input pins
- All interfaces ESD protected

### Dimensions

80mm diameter x 40mm height

### Conformance

- CE/RED  
Radio: EN300328 v2.2.2  
EMC: EN 301 489-1, EN 301 489-3, EN 301 489-17  
Electrical Safety: EN 62311, EN 62368-1+A11, EN 60950-22
- Environmental  
IEC 60068-1, IEC 60068-2

### Configuration data storage

- Highly secured storage in cloud
- System access controlled by system owner
- All data encrypted for privacy and security

### MTTF (Mean Time To Failure)

>100000 hours



## WHY CHOOSE LUMENRADIO?

### WE KNOW WIRELESS

LumenRadio's unique patented wireless technology predicts and finds the best channel to communicate on. We call it Cognitive Coexistence™ – you can call it peace of mind.

### ROCK-SOLID PERFORMANCE

Cognitive Coexistence allows our tech to operate reliably even in the most crowded of spaces so you get interference-free service every time. Where others fail, we deliver.

### PROVEN RELIABILITY

From epic stageshows and Hollywood blockbusters to challenging industrial environments and vast buildings, we have been delivering wireless without worries for almost two decades.


### CONTACT


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