



AirGlow – our brand new multi standard lighting control solution, comes packed with powerful and easy-to-use features.

Compatible with both Bluetooth and ultra reliable Mira Mesh, AirGlow is a product platform for indoor and outdoor light controls and can scale from individual light group control to large scale light control system with IoT connectivity.

UNIQUE SCALABILITY

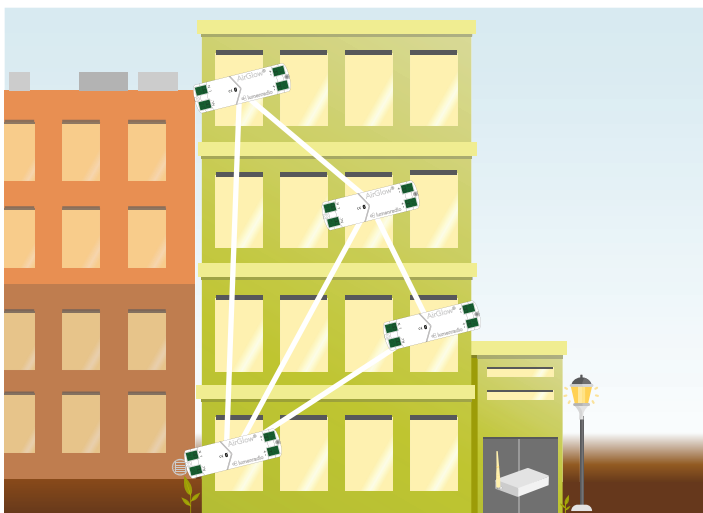
AirGlow is built on LumenRadio’s MiraOS technology which enables concurrent operation of Bluetooth and Mira Mesh. Scale seamlessly from local Bluetooth enabled gatewayless light control to building wide Mira Mesh with full IPv6 support.

From local light control to large-scale IoT connectivity. You don’t need to recommission - it just works out of the box.

The MiraOS technology in your AirGlow works as a “sleeping agent” and allows unique scalability. Let AirGlow give you a quick time to market for your smart fixtures, yet still be prepared for your future offer.

Start with AirGlow and when your business is ready you can seamlessly switch over to MiraOS with your own hardware.

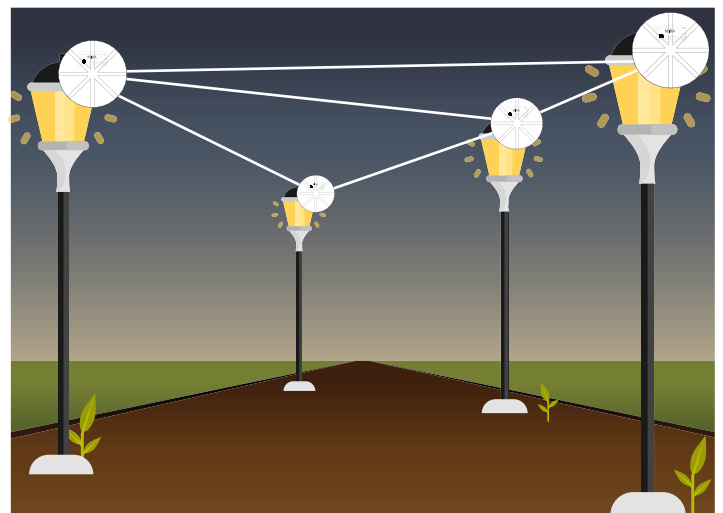
AIRGLOW® INDOOR



FROM LOCAL TO LARGE-SCALE

AirGlow provides an easy-to-install, ultra-reliable wireless meshed light control, suitable for light control of individual rooms but also scalable to allow for full building light control. Due to the small size and versatile interfaces, it is ideal for integration both into luminaires as well as integration into standard gang or junction boxes.

AIRGLOW® OUTDOOR



LONG RANGE MODE

AirGlow for outdoor incorporates the LumenRadio MWA Bluetooth / MiraMesh enabled module tailored for outdoor operation. MWA offers standard connectivity through concurrent Bluetooth with MiraMesh for long range and high data bandwidth connectivity. With a line of sight range of up to 500m, range performance previously only seen with sub GHz connectivity is now possible.



FEATURES

AirGlow gives you the unique features DALI and 0/-10V interfaces for control of LED drivers and concurrent multi sensor input from a wide variety of manufacturers.

- Minimal footprint and extensive interfaces for easy integration into luminaire
- Built in advanced autonomous light control functions
- Easy and hassle free commissioning through app
- Stand alone system, no need for cloud service or gateway for operation
- Bluetooth and Mira Mesh multi standard support
- DALI and 0/1-10V support and other advanced light control inputs/outputs

EASY COMMISSIONING

AirGlow comes with an app that simplifies commissioning of advanced light control features, no DALI commissioning needed. With the app, you can easily create scenes for both indoor and outdoor light control. Furthermore, AirGlow incorporates NFC connectivity and are compliant with MD-SIG for pre commissioning in factory.

- Presence/absence detection
- Astronomical time switch and other time triggered scenes
- Daylight Harvesting
- Tunable white and RGBW control through DALI DT6/DT8 compatible output
- Lighting scenes configuration
- Dry contact setup for manual scene selection

TECHNICAL SPECIFICATIONS

	AirGlow for indoor luminaire integration	AirGlow for indoor general purpose	AirGlow for outdoor Zhaga	AirGlow for outdoor Nema
CONNECTIONS	0.5mm ² - 1.5mm ² wire size. Solid, flexible or stranded wire. 9mm strip length	0.5mm ² - 1.5mm ² wire size. Solid, flexible or stranded wire. 9mm strip length	Zhaga book 18 compatible	7 pin ANSI C136.41 compatible
DALI INTERFACE	15V nominal 20mA integrated DALI PSU. DALI 1, sensor interface. DALI 2, ballast/driver interface	15V nominal 20mA integrated DALI PSU. DALI 1, sensor interface. DALI 2, ballast/driver interface	15V nominal 20mA DALI PSU interface.	15V nominal 20mA DALI PSU interface.
0/1-10V INTERFACE	Yes	Yes	No	Yes
POWER SUPPLY	100-240VAC 50-60Hz Resettable fuse protection (PTC). 16A resistive load switching output	100-240VAC 50-60Hz Resettable fuse protection (PTC). 16A resistive load switching output	24VDC / 500mA	100-240VAC 50-60Hz Resettable fuse protection (PTC). 16A resistive load switching output
ENVIRONMENTAL	IP20 -20°C to +50°C ambient temperature 0-80% humidity, non-condensing	IP20 -20°C to +50°C ambient temperature 0-80% humidity, non-condensing	IP65 -40°C to +60°C ambient temperature	IP65 -40°C to +60°C ambient temperature
MECHANICAL DATA	110 mm x 32 mm x 26 mm / 4.3" x 1.3" x 1"	56 mm x 47 mm x 23 mm / 2.2" x 1.9" x 0.9"	Base Ø80mm x 34mm / base Ø3 x 1.3"	Base Ø80mm x 34mm / base Ø3 x 1.3"

CONTACT

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