aleoblue™

Project	
Type	Date
Cat. No.	

AB-DMxS-WBM-KNK

AleoBlue™ Wireless Single & Double Rocker Kinetic Dimmer Switch

DESCRIPTION

The AleoBlue™ self powered wireless Bluetooth® switches use no wires or batteries. Pressing the switch creates the energy to transmit a wireless signal that controls lights or other devices.

APPLICATIONS

Indoor: retail, education, hospitality, corporate, warehouse, self storage.

SPECIFICATION FEATURES

OVERVIEW

- Installs in minutes
- Requires no wiring
- Easy to configure
- Communicates with compatible receivers Reliable Range
- Transmission range up to 98.4ft (30m)
- Unique ID of each switch activates only the intended receiver(s)
- Waterproof grade: IP20

CERTIFICATION

UL Listed. All components have UL certification.

WARRANTY

5-year Limited Warranty. See warranty documentation for more information.

BENEFITS

Save Time and Money: Avoid costly and time consuming installation of hardwire switches by choosing AleoBlue™ wireless switches and receivers. Installing a switch doesn't have to mean tearing open a wall.

Save Energy: Save energy and money by creating Manual ON / Auto OFF controls using AleoBlue™ switches and occupancy sensors or by programming all lights to respond to a single master switch. AleoBlue™ makes it easy to keep lights and systems off when not in use!

SIMPLE WIRELESS CONTROL

- Mount switches anywhere
- Create 3 way and 4 way switches
- Control lights, motors, or other electrical loads
- Reconfigure or relocate as needed

ORDERING INFORMATION

EXAMPLE: AB-DM1S-WBM-KNK

AB	DM1S	WBM	K	N	K
Communication Type / System	**Sensor / Node Type**	**Mounting**	**Power**	**Designator**	**Designator**
AB AleoBlue™	**DM1S** Single Rocker Dimmer **DM2S** Double Rocker Dimmer	**WBM** Wallbox Mount	**K** Kinetic	**N**	**K**

Specifications and Dimensions subject to change without notice.

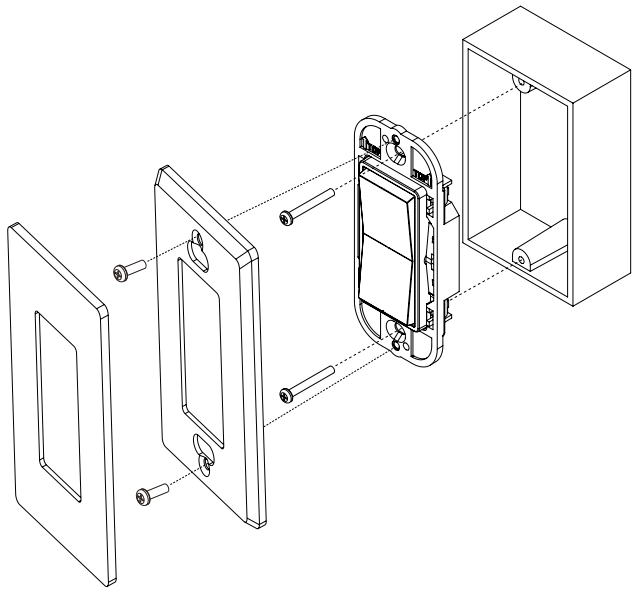
Aleo Lighting, Inc. I www.aleolighting.com I (877) 358-8825

PERFORMANCE SUMMARY

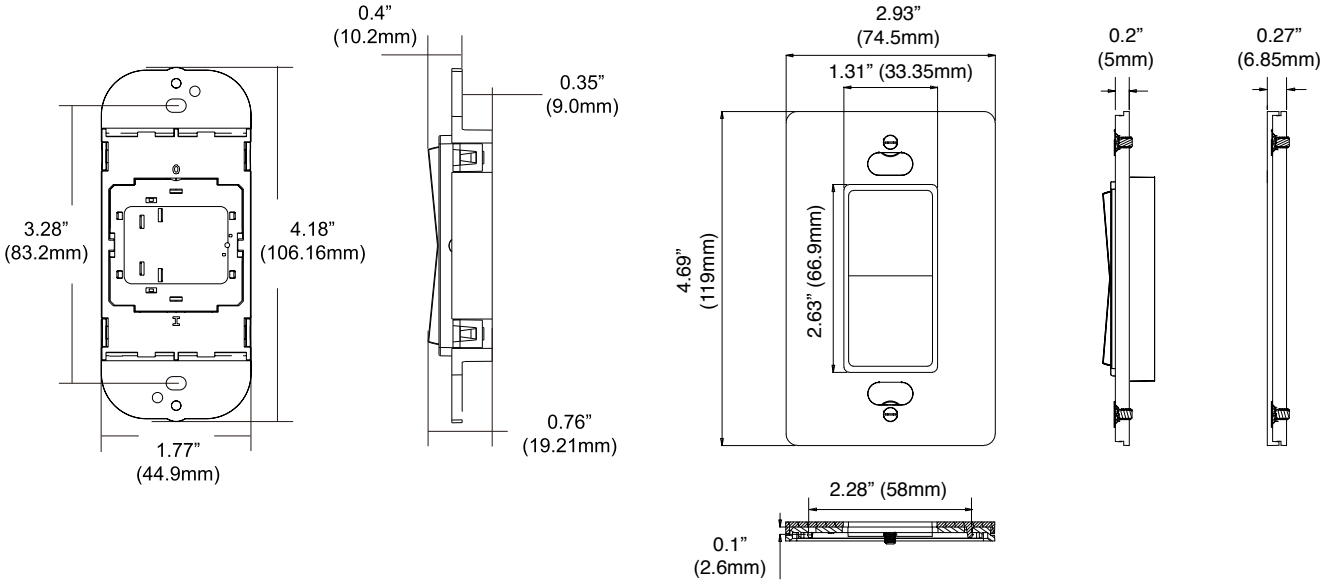
Electrical	
Protocol	Bluetooth® mesh
Power Supply	Self-powered by built-in nano generator
Transmission Frequency	2.4GHz
Transmission Range (line of sight)*	Min. 93.4ft (30m)
Protection Type	IP20
Dimming Range	0.1%-100%
Physical	
Dimensions	1.77” x 4.18” x 0.75” (44.9mm x 106.2mm x 19.2mm)

*Transmission Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It isrecommended to conduct testing for range accuracy.

PRODUCT DIAGRAM



PRODUCT DIMENSIONS



aleo | LIGHTING + CONTROLS
www.aleolighting.com
10988 Bloomfield Ave., Santa Fe Springs, CA 90670
(877) 358-8825

aleoblue™

ALEOBLUE WIRELESS BLUETOOTH® CONTROLS

DLC LISTED

The AleoBlue is a complete solution for managing connected lighting systems using a Bluetooth® NLC lighting network. This enables seamless implementation of simple to complex lighting control scenarios without specialized training or lighting control engineering expertise.

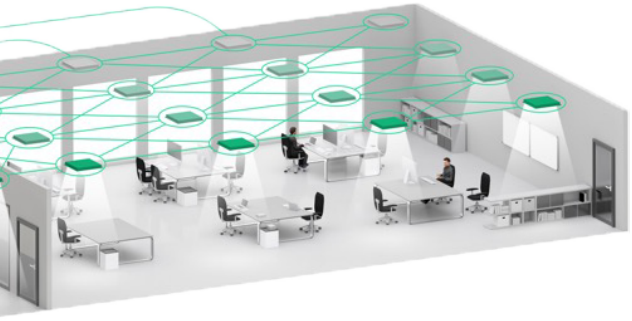
DLC NLC Qualified.

FEATURES AND BENEFITS

- Lighting Zones / Grouping
- Manual control of individual lights
- On Power up Behavior
- Zone Linking
- High-End Trim
- LLLC (Luminaire Level Lighting Controls)
- Energy Monitoring
- Optimized Energy Consumption
- Less Hassle with On-Site Adjustments
- More Savings
- Increased Safety
- More Flexibility
- Intuitive and user-friendly web and iOS apps
- No specialized training or lighting control expertise required
- Optimized for commercial spaces of any size
- No additional wiring or central control box
- Customizable lighting control parameters
- Future proof with Software Updates
- Multiple Zone Configurable
- Built-In Scenarios + Customization

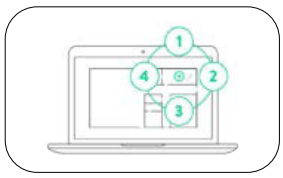
BLUETOOTH® NLC TECHNOLOGY ADVANTAGES

- The fastest low-power communication
- Scalability to thousands of devices
- The most advanced encryption standards as well as the cutting-edge device authentication
- No single point of failure (no central device)
- Compatibility with a widely available devices (smart phones & tablets – both with Bluetooth® 4.0 and Bluetooth® 5)

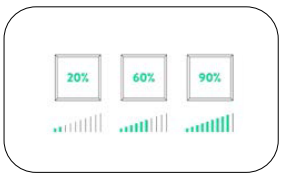


SCHEDULING

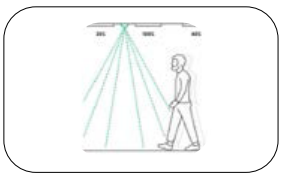
SCENES



HIGH / LOW END TRIM



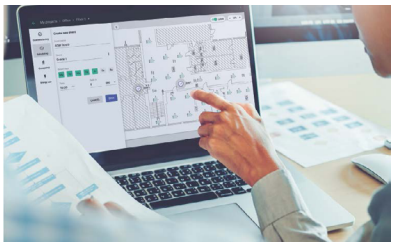
OCCUPANCY SENSING



PLANNING

Remote preparation of a retrofit project with the use of our web app. Uploading floor plans, defining individual lighting zones and choosing lighting control scenarios.

1. Import Floor Plans
2. Specify Desired Lighting Control Scenarios
3. Define Individual Lighting Zones



IMPLEMENTATION

Adding lighting devices to the Bluetooth® NLC network on-site with the use of an iOS app.

Customization and calibration of lighting control parameters during and after the commissioning process. Defining scenes for specific working activities.

1. Add Devices to Your Connected Lighting Network
2. Implement Predefined Zones and Scenarios
3. Optimize Configuration Settings if Needed

PROVISIONING / CONFIGURATIONS

The Bluetooth® NLC Node is in the Unprovisioned Mode until it is provisioned by a “Provisioner”, which typically is a smart phone with a Bluetooth® NLC compatible app.

Specifications and Dimensions subject to change without notice.

Aleo Lighting, Inc. I www.aleolighting.com I (877) 358-8825