# I-Agile Series Bluetooth Sensor

**POWERED BY MW** mean well

## Description

• Simple, Affordable, and Effective Bluetooth Lighting Control iOS and Android Compatible APP.

## Key Features

• Sensor parameters can be conveniently set by a remote control.

• Mounting height up to 49.2 ft(15m)max,suitable for warehouse.

• Waterproof sensor with IP65 rating.

• Junction box inside.

• Automatic dimming when used in combination with 0-10V dimmable control gears.

• Built-in adjustable daylight sensor and motion sensor. 0-10V interface can match up with and achieve daylight harvesting.

• Optional mounting brackets for different application.

CB

CE

RoHS

## Applications

SAA
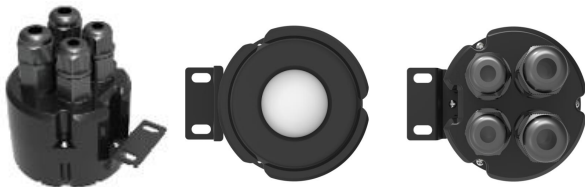
• Warehouse
• Industrial Facility
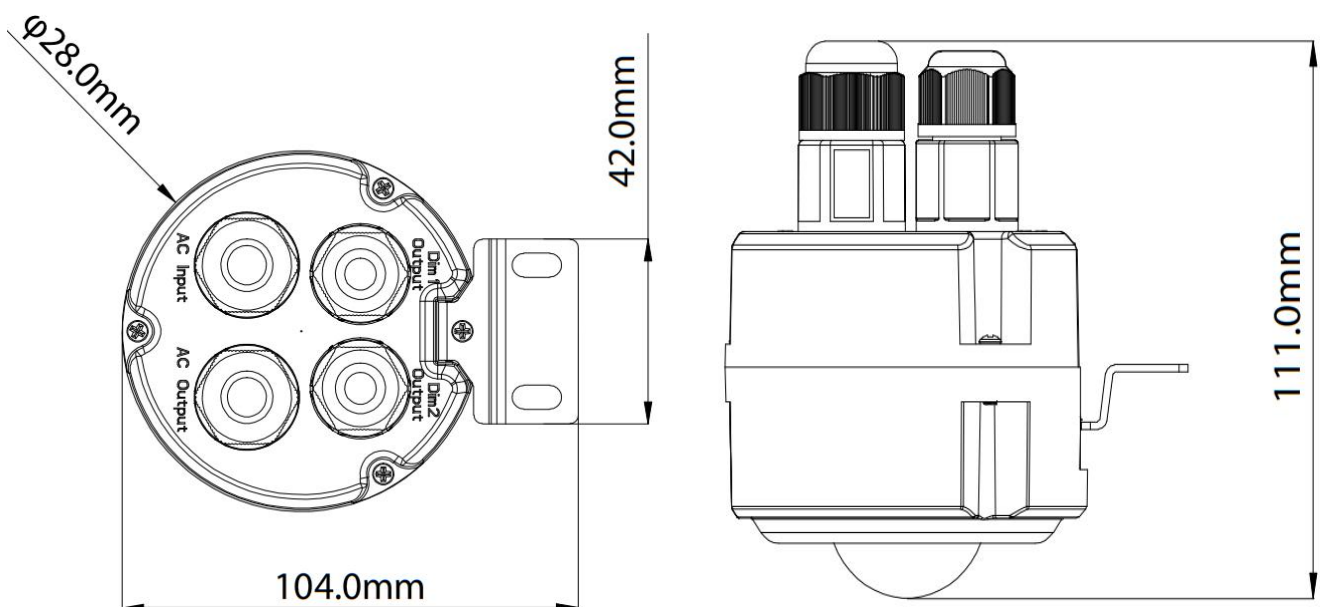• Exhibition Center
• Shopping Mall
• Gymnasium
• Stations

GS

DLC

ETL

# Product Information

| | |
|---|---|
| Model Name | SV-BS01 |
| Product Name | I-Agile |
| Shell Color | Black |

# Technical Characteristics

| | |
|---|---|
| Input Voltage | 220-240V/AC,50/60HZ |
| Rated Load | Infinite |
| HF System | PIR sensor |
| Transmitting Power | <2W |
| Power Consumption | <0.5mw |
| Detection Area(Radius) | 8m |
| Max.Mounting Height | 15m (MAX) |
| Hold Time | 0-60mins or infinite |
| Stand-by Period | 0-60mins or infinite |
| Stand-by DIM Level | 0-10V Dimming |
| Operating Temperature | -25°C to +50°C |
| IP Rating | IP65 |
| Warranty | 3 years |

# Dimensions

φ28.0mm

AC Input

AC Output

Dim Output

Dim2 Output

42.0mm

111.0mm

104.0mm

## Installation



| | 1X |
|---|---|
| M3X8mm Screw | |
| M5X10mm Screw | 2X |

To AC Power

Dim Output

Dim Output

Dim Output

Dim Output

To AC Power

To AC Power

To AC Power

Dim Output

Lamp N

Lamp 2

Lamp 1
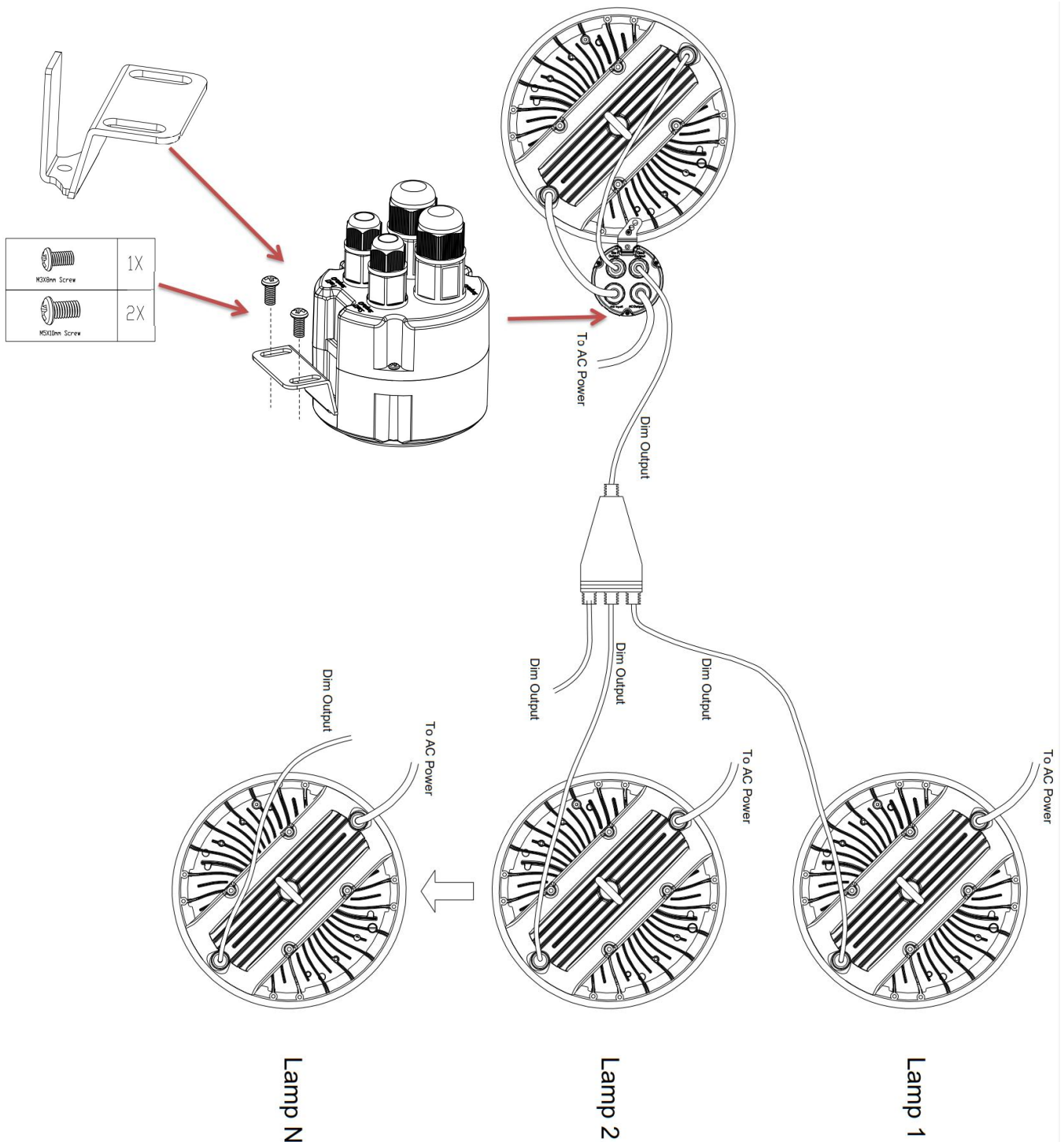
## Package

| | Inner Packing | | | Export Carton Packing | |
|---|---|---|---|---|---|
| | Single Unit Box Size | 85*85*130MM | 440mm / 180mm / 275mm | Carton Size | 440*180*275MM |
| | QTY | 1PC | SUNOVO | QTY | 20PCS |
| | N.W | 0.215KG | | N.W | 4.3KG |
| | G.W | 0.25KG | | G.W | 5.5KG |

## APP Introduction

### Simple, Affordable, and Effective Bluetooth Lighting Control
### iOS and Android Compatible APP



SMART BLU™ is a wireless lighting control system that utilizes Bluetooth 4.0 Mesh Network technology to transmit lighting control data from a smartphone to Lights & Switches (Nodes). Nodes cooperate in the transmission of data to ensure integrity.

SMART BLU™ enables significant power and maintenance savings for LED lighting through simple automation processes while allowing for individual freedom to adjust as necessary.

Mesh Networks (Zones) can range from 1 - 100 Nodes maximum.Buildings may be divided into many different Zones with each having it's own distinct encryption and QR Code.
For example, a School may have divided

into Zones. An Office Tower could have each floor divided into open area, perimeter offices, meeting rooms and reception Zones.
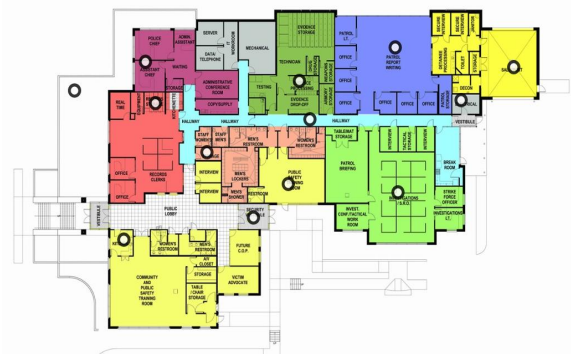
Two levels of smartphone access are available:
1.Administration: which allows full access to program settings.
2.Secondary: which allows lighting adjustment but does not allow access to program settings.

Nodes consist of lights, switches, & gateways. Lights may include onboard motion detectors and daylight photo sensors.
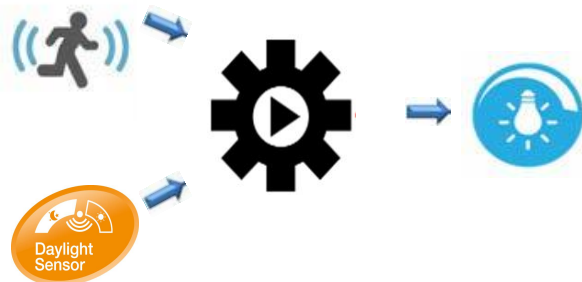
# APP Introduction

Lights may be offered in one color (mono-dimmable) or in two colors (2-channel dimmable) . 2-channel Lights may be color-tuned anywhere from very warm to very cool.

Lights may be supplied without sensors or they may be supplied with motion and/or photo sensors to allow automation of light level control.

Lights may be controlled individually or in groups.
They can be set to operate automatically via sensors and/or respond to manual switches or smartphones.

Lights may also be linked such that if one light motion sensor is tripped, all other lights in the group respond in unison thus making the whole space appear lit and less foreboding.
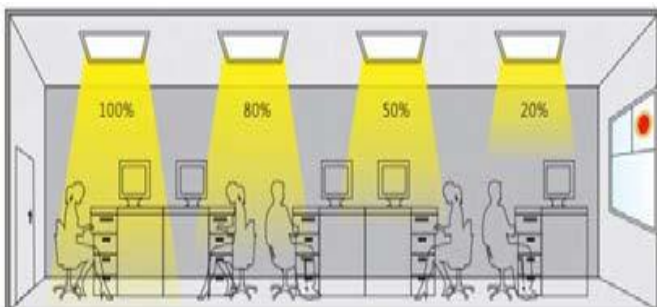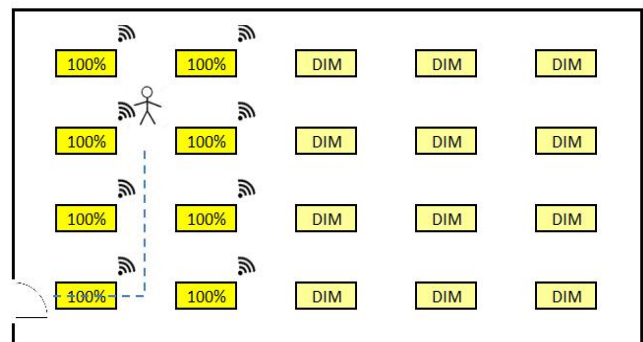
Daylight Harvesting is taking advantage of natural light that enters an interior space through windows .
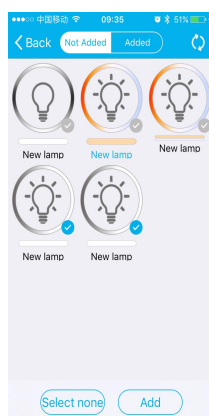
## APP Demonstration

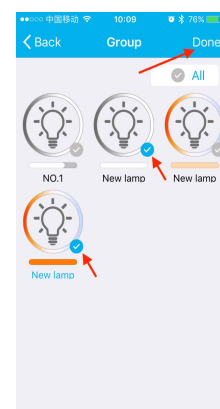## OVERVIEW: Simple Programming for Building Managers

SMART BLU™ was designed to make programming your lighting controls simple. To further your understanding prior to carrying out the task of programming, please see the following graphical overview of the process:
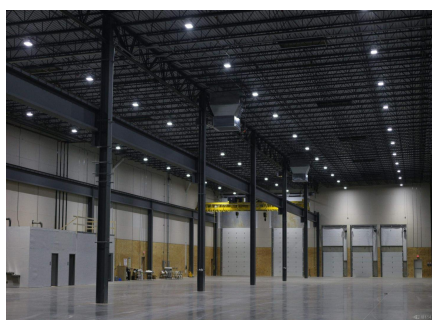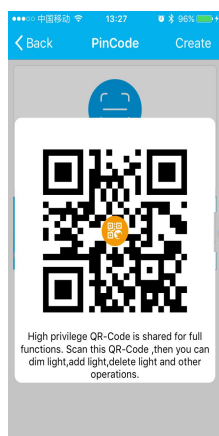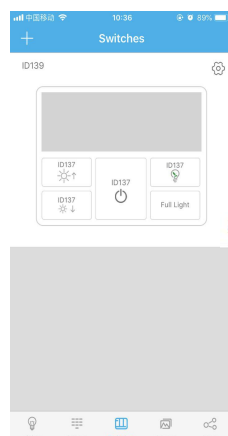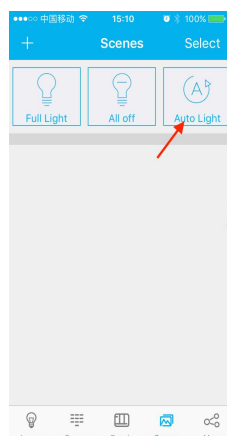
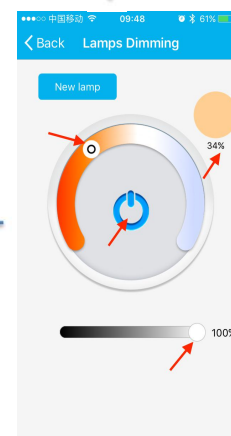Installation             Add             Group

QR Code          Switches          Scenes          Set Color, Brightness &Motion Detector

**(1)Physical Lights are wirelessly added to the SMART BLU™ APP on your smartphone and then placed into a group.**
**(2)You can set automation including color, brightness, motion and photo detector settings for the group .**
**(3)If needed,you can create customized scenes.**
**(4)Switches may be added to allow for dim up/down, on/off, automation enable, or scene control.**
**(5)After zone programming is completed, a unique encrypted QR code is created to save settings for later recall.**

## General Guidelines For Installation

1. Please read the entire instruction manual before using the product and then save it for future reference. We reserve the right for any errors in text or images and any necessary changes made to technical data.

2. The sensor should be installed by a qualified electrician. And ensure that the electricity supply is switched off before installing or servicing the product.

3. The sensor should not be modified in any way.Any modifications made to this product will immediately invalidate any warranties issued.

4. The company does not accept responsibility for any consequences resulting from unauthorized modification of the product.

5. Install it in a relatively open place in the induction area as far as possible.There should be no shielding; otherwise it will affect the range of the induction distance.

6. Cannot be installed in air conditioning, refrigerators, fans and other places where the temperature changes greatly,or where the air flow is relatively large,such as window.

7. Induction switch induction distance is limited, cannot be installed too high, too far position, preferably between 8-12 meters.

8. Can't be installed near equipment with large electromagnetic radiation (such as radio, walkie-talkie, antenna)

9. Daylight sensor was tested on sunny environment with no lampshade.

10. CAUTION-Rish of Electric shock-More than one disconnects swith may be required to de-energize the equipment before servicing.