

BRIGHTEN YOUR FUTURE WITH INNOVATIVE LIGHTING

BEAUTIFUL LIGHT
TECHNOLOGY CORPORATION



2023 NEW PRODUCTS



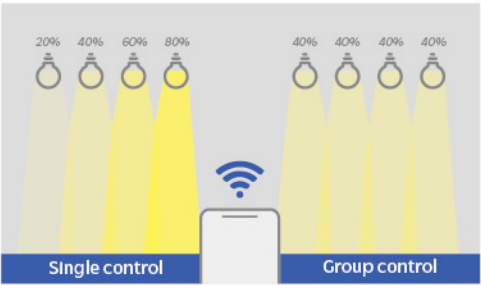
<https://www.bltc.com.tw>

2023.MAY

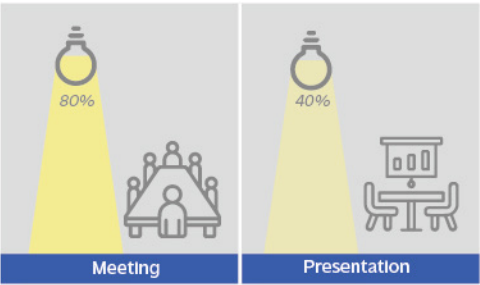


Smart Lighting System Features

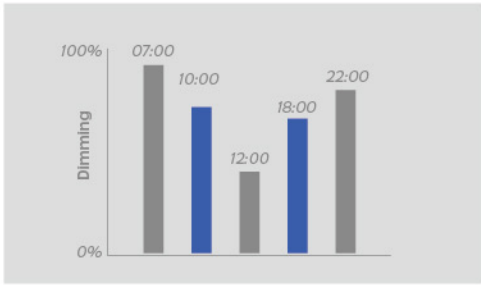
Single/Group control



Scene

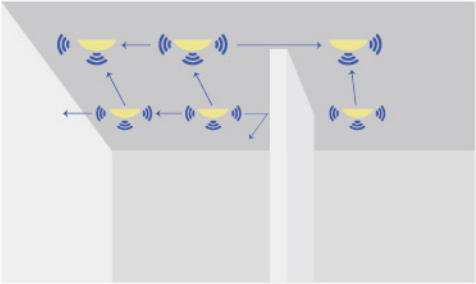


Schedule

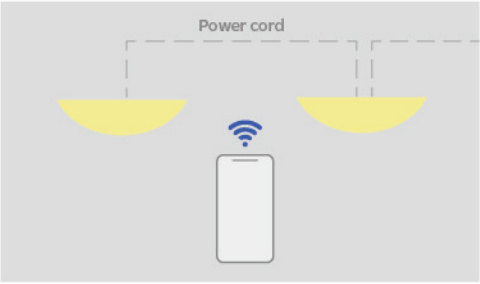


Convenience of Smart Lighting System

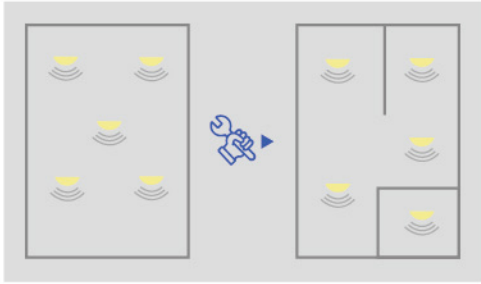
Mesh Network



No need to install signal wires



Adjust settings as layout changes



Features of BLTC Smart Lighting System

Various control Devices



Complete Product Family



CONTENTS



IoT LIGHTING

01 MiniBee

02 Hozbee

04 Firebee



NEW PRODUCT

07 Smart Driver

11 Smart Switch



MiniBee

NO APP, ONE BUTTON SET-UP



Controller



Input Voltage : Battery DC 3V
Control Dimming Level :
20%-100%

A19



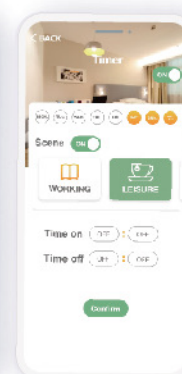
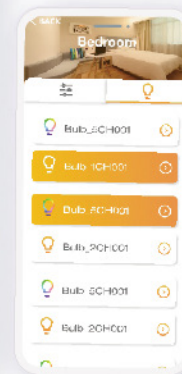
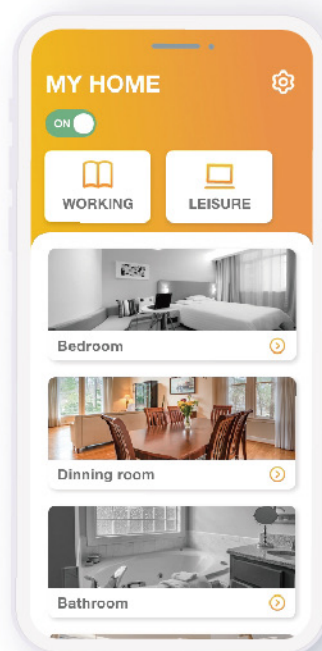
Input Voltage : 100-240V
Total Flux : 810 lm
Power Consumption : 7W
CCT Range : 2700-6500K



✓ Friendly UI

✓ Simple Control

✓ Easy setup



Suggested



Home



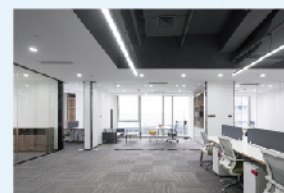
Office



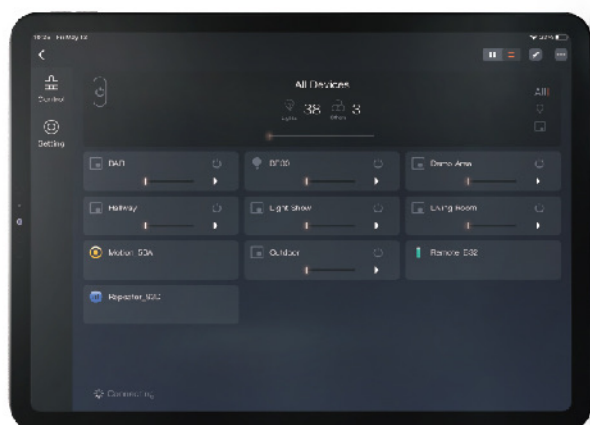
Store



Supermarket



Medium size office



FireBEE

✓ Remotely Control

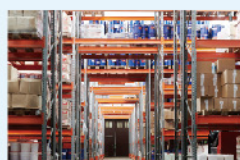
✓ Multi-Location Control

✓ Clear interface for complex management

Suggested



Chain store



Wholesale Warehouse



Large size office



Shopping Center



Commercial building



Medicare center



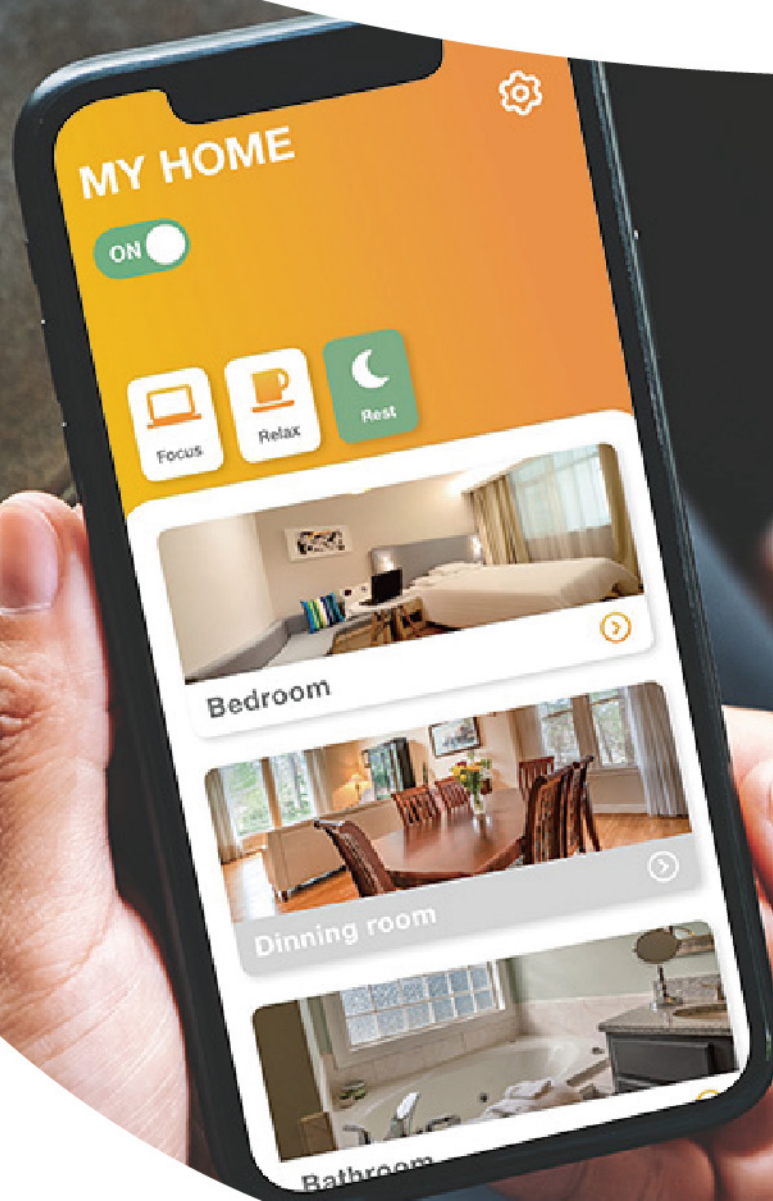
HOZBee was specifically developed to simplify and accelerate the installation process as well as enable end-users to easily customize and control their smart lighting devices.

For end-users:

- ✓ Easy control interface
- ✓ Intuitive operation procedure
- ✓ Schedule set-up
- ✓ Secure user environment
- ✓ Max 128 devices simultaneously
- ✓ No limit of controllable devices (by mesh code)

For installer:

- ✓ Graphical interface
- ✓ Room based set-up principles
- ✓ Built-in recommended scenes
- ✓ Simpler set-up procedures for controller and sensor
- ✓ One button back up and restore
- ✓ Password protection for project data



Bluetooth

FIREBEE

[Large Scale Architecture Lighting Management]



FIREBEE APP

Firebee system is particular designed for more complicate, bigger scale projects. Compared to Hozbee, Firebee has the following superior advantage:

- ✓ More controllable devices
- ✓ Remote and Multi-place control
- ✓ All data stored in the handheld devices could be backed up in the cloud
- ✓ Multilayer lighting system management structure
- ✓ Visual management interface
- ✓ Built-in functions that create platform for more added value services

Features:



Account Management



Cloud Data Back up



Self-program Light Show



Floor Plan Management



multi-layer management



Bluetooth



Tunable White



Grouping



Scene



Schedule





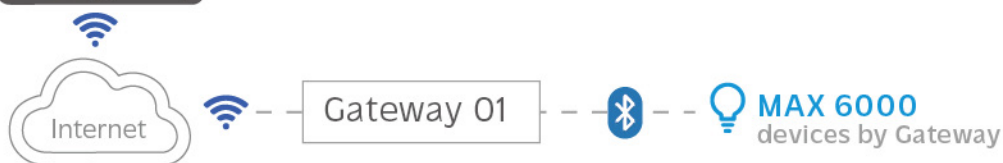
Control more devices locally or remotely

- ※ Each Gateway MAX connectable devices:250
- ※ Up to 24 Gateways can be connected via Wi-Fi

Control Locally



Control Remotely



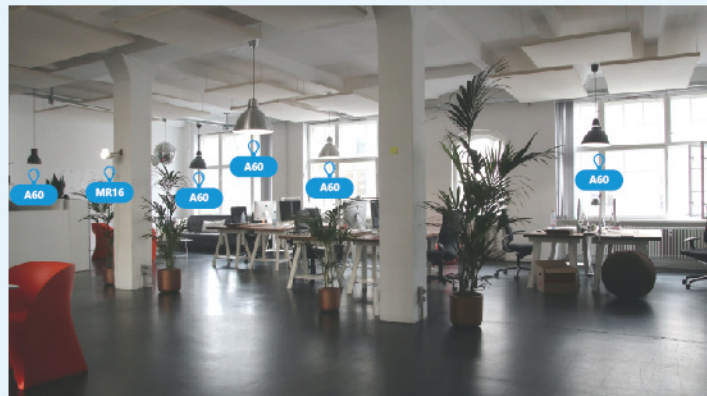
All data stored in the handheld devices could be backed up in the cloud

Multi-layer lighting system management structure

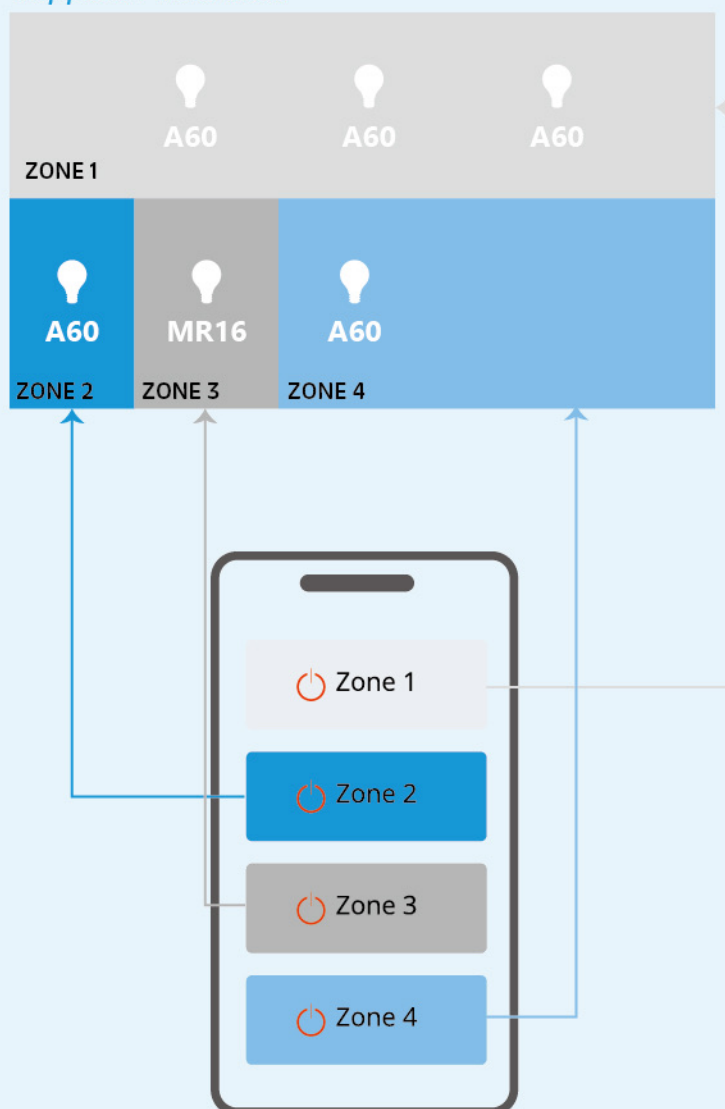


Visual management interface

Floor Plan Management



Support Photo Edit



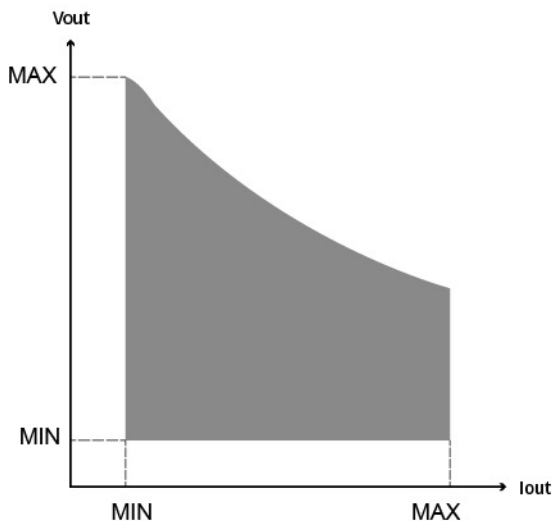
NEW

SMART DRIVER -COMPACT SIZE



Features

Wide Range Working Voltage & Current



Our drivers cover a various applications so it is easier to decide the right product in stock.

To achieve this purpose, we adopt the newest design to create the maximum flexibility and covers most the operating points within the voltage range.

It is then possible to maintain reduced stock levels and still be able to choose a driver that is not only suitable but also more efficient.



Easy configuration

Near Field Communication (NFC) is popular in luminaire production, as programming driver settings using NFC provides significant time savings. Using the leading edge technology, the output current can be adjusted in 1mA increments.





Flexible Installation

Our driver products can be installed either in the luminaire as a built-in driver or out of the luminaire as an independent driver, easily transformed by a screw driver.



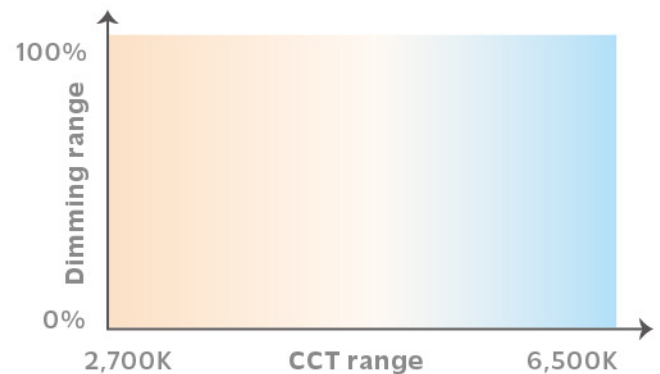
Enhanced Wireless Communication

We provide an ext. antenna (with radio frequency 2.4 GHz) as an accessory to easily enhance the signal transmission strength In case the communication environment is poor.



Dimming & Tunable White, RGB

In addition to traditional dimming drivers, we also provide smart drivers to control CCT and RGB based on the needs from luminaire manufacturers.



Application



Indoor



Recessed Lamp



Surface Mounted Light



DownLight



Troffer



Track Light



Batten Light

BLTC System



TUYA



Camsabi



DALI



Compact Driver Specification

12W Constant Power Bluetooth Driver



The most compact size!!

1CH

Size(L*W*H mm) : 80*35*20
 Input Voltage : 100-277V
 Output Current : 280-570mA
 Output Voltage : DC 6-42V
 Output Power : 1.68-12W
 Dimming range : 0-100%

SELV  **CB**  

2CH

Size(L*W*H mm) : 80*35*20
 Input Voltage : 100-277V
 Output Current : 280-570mA
 1 CH : 280-570mA
 2CH : 280-570mA
 Output Voltage : 6V-42V
 Output Power : 1.68-12W
 Dimming range : 0-100%

SELV  **CB**  

25W Constant Power Bluetooth Driver



1CH

Size(L*W*H mm) : 97*43*30
 Input Voltage : 100-277V
 Output Current : 460-920 mA
 Output Voltage : 6-54V
 Output Power : 2,76-25W
 Dimming range : 0-100%

SELV  **CB**  

2CH

Size(L*W*H mm) : 97*43*30
 Input Voltage : 100-277V
 Output Current : 460-920 mA
 1 CH : 460-920 mA
 2CH : 460-920 mA
 Output Voltage : 6-54V
 Output Power : 2,76-25W
 Dimming range : 0-100%

SELV  **CB**  

Compact Driver Specification



1CH

Size(L*W*H mm) : 120*43*30
 Input Voltage : 100-277V
 Output Current : 740-1480 mA
 Output Voltage : 12-54V
 Output Power : 8.88-40W
 Dimming range : 0-100%

SELV  **CB**  

40W Constant Power Bluetooth Driver

2CH

Size(L*W*H mm) : 120*43*30
 Input Voltage : 100-277V
 Output Current : 740-1480 mA
 1CH : 740-1480 mA
 2CH : 740-1480 mA
 Output Voltage : 12-54V
 Output Power : 8.88-40W
 Dimming range : 0-100%

SELV  **CB**  



1CH

Size(L*W*H mm) : 140*43*30
 Input Voltage : 100-277V
 Output Current : 1100-2200 mA
 Output Voltage : 15-54V
 Output Power : 16.5-60W
 Dimming range : 0-100%

SELV  **CB**  

60W Constant Power Bluetooth Driver

2CH

Size(L*W*H mm) : 140*43*30
 Input Voltage : 100-277V
 Output Current : 1100-2200 mA
 1CH : 1100-2200 mA
 2CH : 1100-2200 mA
 Output Voltage : 15-54V
 Output Power : 16.5-60W
 Dimming range : 0-100%

SELV  **CB**  

SMART SWITCH

86 Type Movable

Switch to a Smarter Home.



Smart Switch Movable



Battery powered,
stick everywhere you want



One button to change
scene quickly



Remote Control
no wire needed

BLTC System



TUYA



Camsabi





Smart switch 86 Type Movable-1 Gang

No.of Gang : 1

Input Voltage : CR2430 DC3V

Working Range : 25m open area

Wireless Protocol : Bluetooth Mesh 4.2

Dimension(L*W*H) : 86*86*13mm



Smart switch 86 Type Movable-2 Gang

No.of Gang : 2

Input Voltage : CR2430 DC3V

Working Range : 25m open area

Wireless Protocol : Bluetooth Mesh 4.2

Dimension(L*W*H) : 86*86*13mm



Smart switch 86 Type Movable-3 Gang

No.of Gang : 3.

Input Voltage : CR2430 DC3V

Working Range : 25m open area

Wireless Protocol : Bluetooth Mesh 4.2

Dimension(L*W*H) : 86*86*13mm



Smart switch 86 Type Movable-4 Gang

No.of Gang : 4

Input Voltage : CR2430 DC3V

Working Range : 25m open area

Wireless Protocol : Bluetooth Mesh 4.2

Dimension(L*W*H) : 86*86*13mm



SMART SWITCH 86 Type In Wall

Switch to a Smarter Home.



*Replace your current switch and make your existing Lighting System
Add an extra Switch on your wall to control smart device remotely*

BLTC System



TUYA



Camsabi



Smart Switch EU Standard -Wall Mounted



Smart Switch 86 Type In Wall -1 Gang

No.of Gang : 1

Input Voltage : 200-240V

Power Rating : 400W/Gang

Working Range : 25m open area

Wireless Protocol : Bluetooth Mesh 4.2

Dimension(L*W*H) : 86*86*42mm



Smart Switch 86 Type In Wall -2 Gang

No.of Gang : 2

Input Voltage : 200-240V

Power Rating : 400W/Gang

Working Range : 25m open area

Wireless Protocol : Bluetooth Mesh 4.2

Dimension(L*W*H) : 86*86*42mm



Smart Switch 86 Type In Wall -3 Gang

No.of Gang : 3

Input Voltage : 200-240V

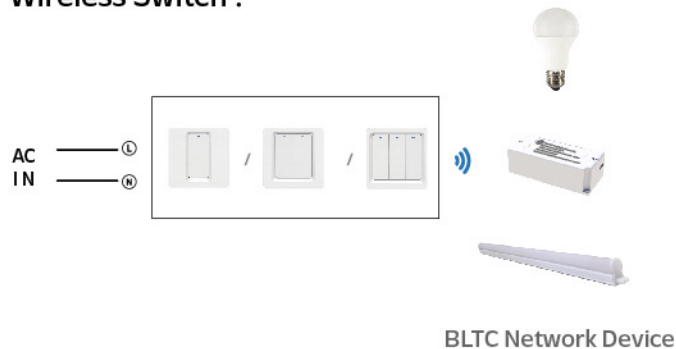
Power Rating : 400W/Gang

Working Range : 25m open area

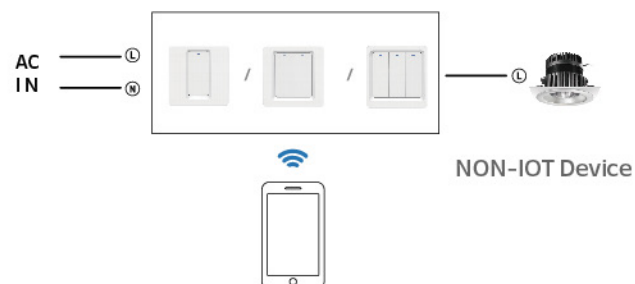
Wireless Protocol : Bluetooth Mesh 4.2

Dimension(L*W*H) : 86*86*42mm

Wireless Switch :



Wireless Relay :



SMART SWITCH 118Type In Wall

Switch to a Smarter Home.



*Replace your current switch and make your existing Lighting System
Add an extra Switch on your wall to control smart device remotely*

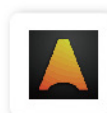
BLTC System



TUYA



Camsabi





Smart Switch 118 Type In Wall -1 Gang

No.of Gang : 1

Input Voltage : 100-120V

Power Rating : 600w/Gang

Working Range : 25m open area

Wireless Protocol : Bluetooth Mesh 4.2

Dimension(L*W*H) : 118*72*45mm



Smart Switch 118 Type In Wall -2 Gang

No.of Gang : 2

Input Voltage : 100-120V

Power Rating : 600w/Gang

Working Range : 25m open area

Wireless Protocol : Bluetooth Mesh 4.2

Dimension(L*W*H) : 118*72*45mm



Smart Switch 118 Type In Wall -3 Gang

No.of Gang : 3

Input Voltage : 100-120V

Power Rating : 600w/Gang

Working Range : 25m open area

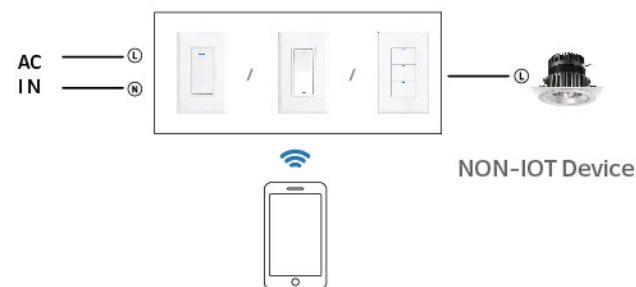
Wireless Protocol : Bluetooth Mesh 4.2

Dimension(L*W*H) : 118*72*45mm

Wireless Switch :



Wireless Relay :





2023

NEW PRODUCTS