

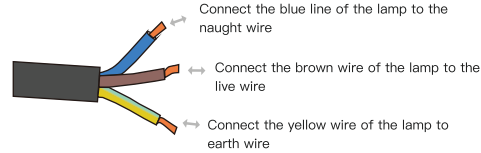
## Smart Led Floodlight



### Product Parameters

Product Name :	24W Smart LED Floodlight
Connection Methods :	BT Mesh
APP Name :	Hao Deng
Suitable Phone OS :	Android 4.4/IOS9.0
Channels :	5
Wattage :	24W
Light Luminous Flux :	2000LM
Color Temperature :	2700K-6500K
Working Temperature :	-20 TO +45 °C
Holder :	3-PIN Line
Control Distance :	Visible distance: 30M
Voltage :	100-240VAC,50/60HZ
Waterproof :	IP66
Average Life (hrs) :	20000H
Certification :	FCC/CE/ROHS
Product Dimension :	L:186mm W:155mm H:40mm
Box Dimension :	L:218mm W:191mm H:57mm
N/W :	695g
G/W :	765g

### About wiring



For your safety, please install under professional guidance. Please make sure the power is off before wiring.

### IP Grade

IP66

Dustproof Level		Waterproof Level
0	No protection	No protection
1	Prevent the invasion of large solids	There will be no effect on housing if drip drops into it.
2	Prevent the medium size solids from invading	When the housing tilts to 15 degrees, there will be no effect on housing if drip drops into it.
3	Prevent the small solids from invading	There will be no effect on housing if water or rain drops into it from 60 degrees.
4	Prevent the solid which is greater than 1mm from invading	There will be no damage on housing if throw the liquid to it from any direction.
5	Prevent harmful dust from accumulation	There will be no any damage if washing with water
6	Completely prevent dust from entering	Can be used in the cabin environment
7		it can be soaked in water for a short time (1m)
8		Under certain pressure, it can be soaked in water for long

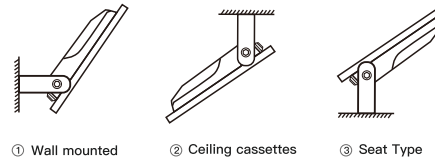
If you don't know the protection level, please refer to the chart, the third (IPXX) for dust level, the fourth (IPXX) for waterproof level. Do not soak the lamps with insufficient protection under water for a long time!

### Placement and installation method

Instructions before installation:

1. First, arrange all kinds of parts for supporting lamps.
2. Checking the input voltage, power and other parameters of lamp carefully before installation.
3. Please make sure the power is off before installation.
4. Make sure that the core of the external power line does not leak out when wiring.

#### Installation Diagram

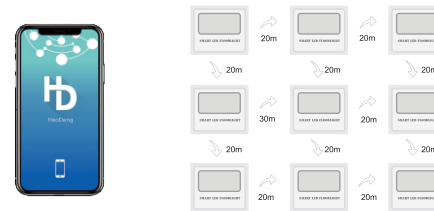


### Control Type

#### Method 1: Local control (Bluetooth)

Quantity: 64 devices can be accommodated in a single location without regional limitation, and diversified devices can be managed at the same time. Grouping: a single device can be assigned into 8 groups and a single location can create 32,767 groups. Function: Each device has the function of sending/forwarding signals to each other.

Schematic diagram of control system :



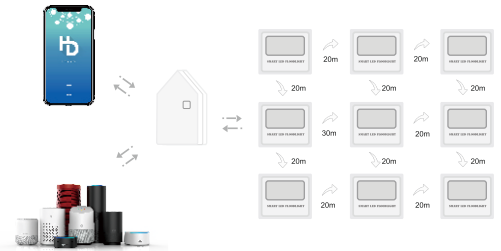
#### Method 2: Remote control (WIFI), need to buy "smart bridge"

Control: when there is a smart bridge, it can be controlled by Bluetooth or through the network.

Quantity: the single location can accommodate 64 devices without regional limitation, and diversified devices can be managed at the same time.

Grouping: a single device can be assigned into 8 groups and a single location can create 32,767 groups.

Schematic diagram of control system :



Instruction



APP "HaoDeng"

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.