



# Lighting Control 2020 Catalog

# Lighting Control



# 0-10V RF433Mhz Wireless Control System

Vealite Wireless Lighting Control System is RF devices that control 0-10V electronic fluorescent ballasts and LED drivers. The control module mounts to a fixture or a US standard 1/2" knockout.

Communicate with RF input devices including wireless dimmer, wireless PIR occupancy/vacancy sensor and wireless daylight harvest sensor to control the lights and achieve 60% energy saving.

- Comply with UL 8750
- Comply with FCC part 15, FCC ID: 2AQ3JPPA401S
- Dual and Single 0-10V output signal available



ITEM#	DESCRIPTION	VOLT.	CURRENT	MAX POWER	OUTPUT SIGNAL	FREQUENCY BAND	TRANSMISSION RANGE
Power Pack							
PPA401S	Power Pack	120-277V AC 50/60Hz	10A	1200W	Single 0-10V	433Mhz	100ft (30m)
PPA401PF	Power Pack		2A	250W	Single 0-10V	433Mhz	100ft (30m)
PPA403PF	Power Pack		2A	250W	Dual 0-10V	433Mhz	100ft (30m)
RF Device							
WP4013	3 key wireless dimmer						
WP4015	5 key wireless dimmer						
BMS401	Wall mount PIR sensor						
BCS401	Ceiling mount PIR sensor						
BDS401	Daylight harvest sensor						
BMS401-CM	Corner mount for BMS401						



## One Remote , Multiple Power Pack

One Wireless Dimmer or Sensor will control unlimited pre-matched Power Pack as long as during the communication range 200 feet.



## Multiple Remote , One Power Pack

One pre-matched Power Pack can be controlled by 5 dimmers, 4 pir sensors and 1 daylight sensor at most .

# 0-10V Bluetooth Mesh Wireless Control System

This Bluetooth Mesh Power Pack is a BLE based smart lighting system.

It has app for both IOS and Android devices to manage and operate the BLE lamps and devices by smart phone.

A wireless bluetooth wall switch and wired PIR sensor are also available for additional need.



- Comply with UL 8750
- Comply with FCC part 15, FCC ID: 2AQ3JPPA401S
- Dual and Single 0-10V output signal available



ITEM#	DESCRIPTION	VOLT.	CURRENT	MAX POWER	OUTPUT SIGNAL	FREQUENCY BAND	TRANSMISSION RANGE
BLE Power Pack							
PPA101S	Power Pack	120-277V AC	2.5A	300W	Dual 0-10V	2.4G	100ft (30m)
PPA102S	Power Pack	50/60Hz	2.5A	300W	Single 0-10V	2.4G	100ft (30m)

## BLE Device

WP101S	5 key wireless dimmer
IFS105	Integrated PIR motion sensor
EFS107	Wireless integrated PIR and daylight harvesting sensor
EFS104	Wireless fixture mount PIR and daylight harvesting sensor



WP101S



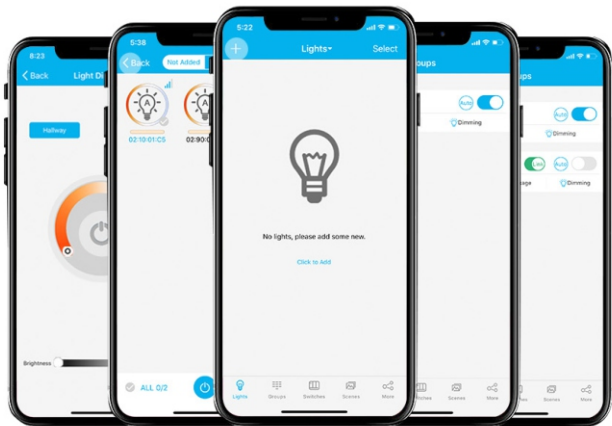
IFS105



EFS107



EFS104



# 12V Power Pack

PPA103S is a power pack which offers 12VDC, 100mA to power DC sensors.

Consists of a high-efficiency switching power supply and a 10A relay, it switches connected loads on and off on response to Keilton low voltage sensors.

Well-suited for the applications which requires high-voltage switching through low-voltage controls.



- Comply with UL 8750
- Low voltage overcurrent protection
- 1/2" threaded nipple attaches to standard electrical enclosures through 1/2" knockouts



ITEM#	DESCRIPTION	VOLT.	CURRENT	MAX POWER
12V Power Pack				
PPA103S	12V Power Pack	120-277V AC 50/60Hz	10A	1200W

