

## CEFLSW12V "FLAT"

Flush Ceiling Mount, Low Voltage, Wireless PIR sensors and Photocell

Created By

**DANLERS**  
Lighting Controls & HVAC Controls



### Features & Benefits:

- Detects both minor and major movement
- Discreet profile
- Active low voltage High/Low outputs for Relay drive
- Provides controls for multiple scene's, zones and control devices
- Up to 16 ft. mounting height
- 360° coverage pattern
- Low Voltage Class-2 wiring is ideal for commercial drop ceiling applications

### Product Description

This flush mounted CEFLSW12V is suitable for easy mounting through a 2.87-2.95" diameter hole into a ceiling void which is at least 3.07" deep. The CEFLSW12 is able to detect both major motion (walking across the detection zone) and minor motion (small hand or head movements).

The CEFLSW12 comes in versions that work with any of the firmware operating systems offered by Energio Controls, including Xicato, Casambi, Ingy and Bluetooth SIG.

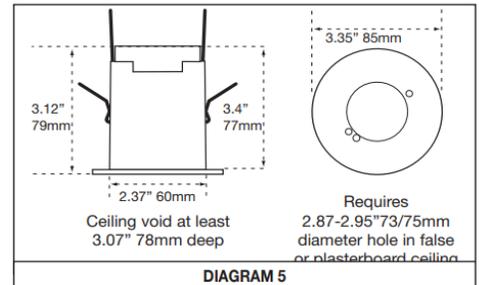
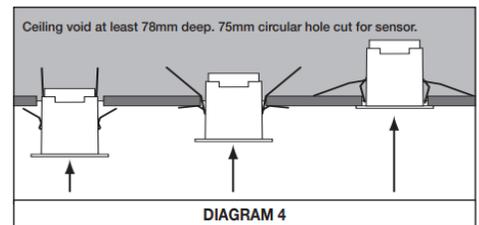
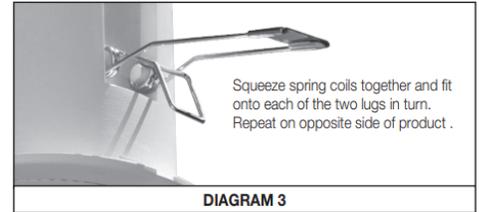
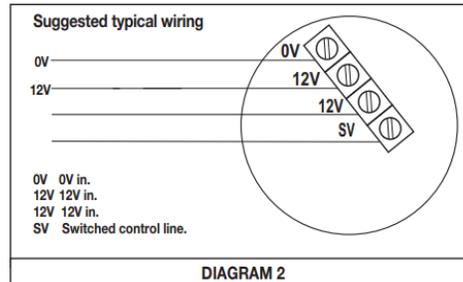
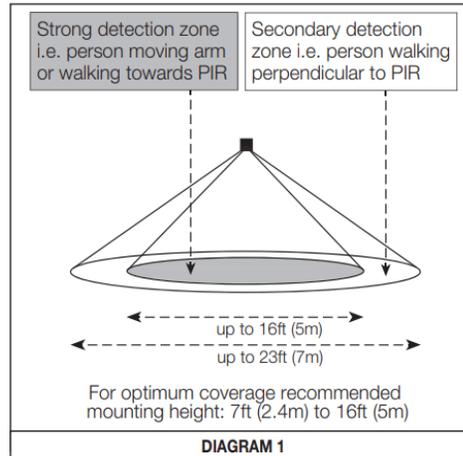
The CEFLSW12 is able to wirelessly signal and/or controls any dimming or switching device through out an entire network, no matter the distance or the device location.

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### Specifications:

INPUT	
Voltage:	11.5-13VDC
Frequency:	N/A
Max. mains current:	52mA
Standby current:	38mA
LOADING 12VDC OUTPUT	
Output Max.	12VDC 6 amps Resistive
Inrush current	120A, 20mS
RADIO TRANSCEIVER	
Operating frequencies:	2.4... 2,480 GHz
Max. output power:	+4 dBm
LUX PARAMETERS	
Range:	5 - 2000 lux
OPERATING CONDITIONS	
Note: The temperature difference between the detection target and the background must be at least 4 °C.	
Ambient temperature:	-4... +104 °F
Storage temperature:	-13... +167 °F
Max. relative humidity:	0... 80%, non cond.
CONNECTORS	
Terminal block Wire size:	14-22AWG solid or stranded
Wire strip length:	0.23-0.28"
Tightening torque:	3.5lb in
MECHANICAL DATA	
Dimensions:	3.07" x 3.35" x 3.35"
Weight:	3.4oz (unpacked)
Degree of protection:	IP40
Protection class:	Built-in Class 2
Material (casing)	Flame-retardant polycarbonate
Finish / Colour	Matt /White (RAL 9003)
Protection class:	Built-in Class 2



### Ordering Information:

#### Part Number:

XIT-CEFLSW12V  
CBU-CEFLSW12V  
INGY-CEFLSW12V  
BLE-CEFLSW12V

#### Description:

Xicato version  
Casambi version  
Ingy version  
Bluetooth version