



The Luminii IR Sensor Switch is a compact, hands-free control device that uses infrared proximity detection to activate or deactivate connected lighting or electronic loads. Designed for easy integration into cabinets, fixtures, and architectural elements, it provides a clean, touchless user experience while enhancing hygiene and convenience.



**Operating voltage**  
24 VDC

**Load capacity**  
60W, 4A max

**Operating temperature range**  
-4°F to 122°F

**Detecting Mode/Theory**  
IR emitter / receiver

**Warranty**  
5 years

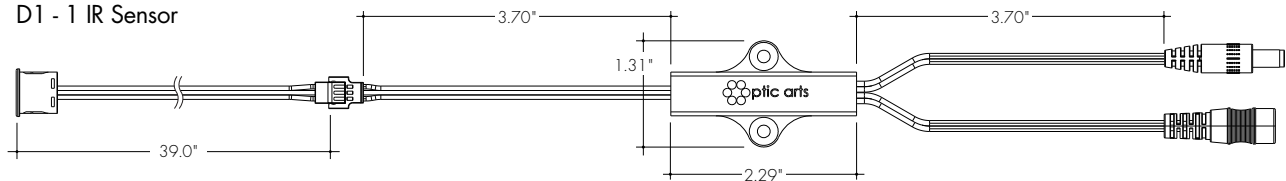
**Rating**  
Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)

#### Features

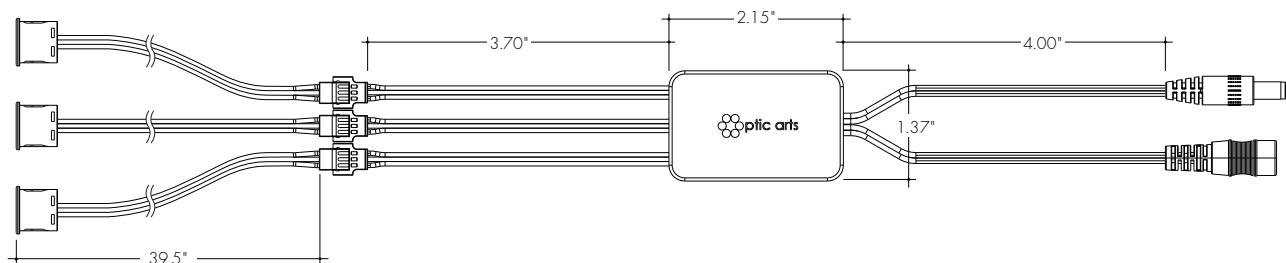
- The switch is compatible with 24V lights. Both lights and power supply (not included) must use a DC barrel connector to connect to the input and output respectively.
- The input DC barrel connector requires a male DC barrel connector from the power supply. The output DC barrel connector requires a female DC barrel connector from the LED light.
- When you open a door or cabinet, the sensor-switch will turn on the lights immediately. When you close the door or cabinet, the sensor-switch will turn off the lights immediately.

#### Product Dimensions

D1 - 1 IR Sensor



D3 - 3 IR Sensor



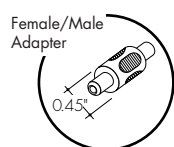
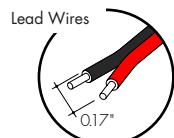
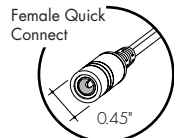
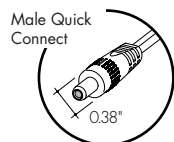
#### Ordering Code

MODEL



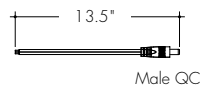
NLEX.D1.B - Near IR Remote Switch, 1 IR Sensor  
NLEX.D3.B - Near IR Remote Switch, 3 IR Sensors

## Connectors & Accessories



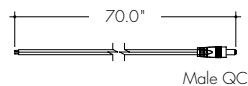
### LMC-12

Male quick-connect, 2 pin, 12"



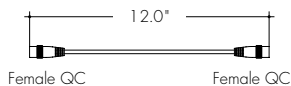
### LMC-70

Male quick-connect long, 2 pin, 70"



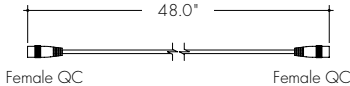
### EC-12

Female to Female Extension Cable, 2 pin, 12"



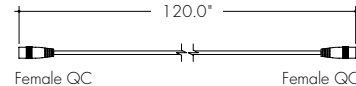
### EC-48

Female to Female Extension Cable, 2 pin, 48"



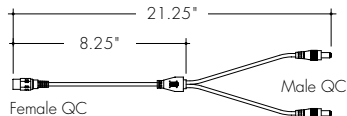
### EC-120

Female to Female Extension Cable, 2 pin, 120"



### LYC

1 Female to 2 Male Splitter Cable, 2 pin, 12"



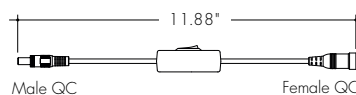
### FMA

Female to male adapter

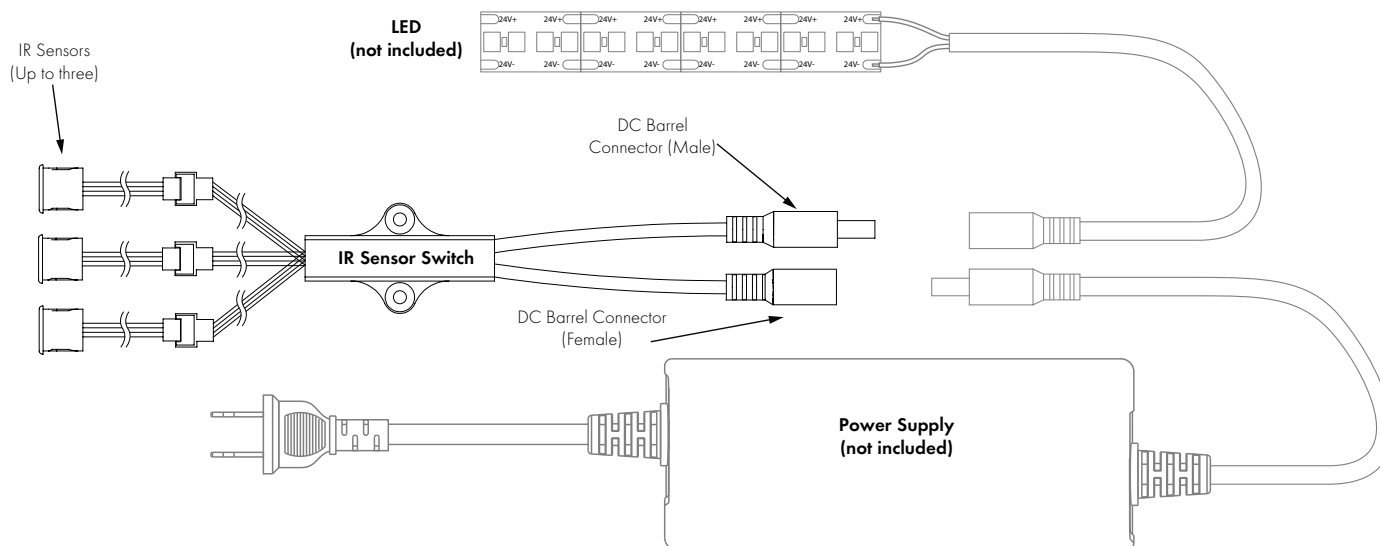


### IS-DC

Male to Female Inline DC Switch, 2 pin, 12"



## Sample Layout



## Functionality (External Door Sensor)

