



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

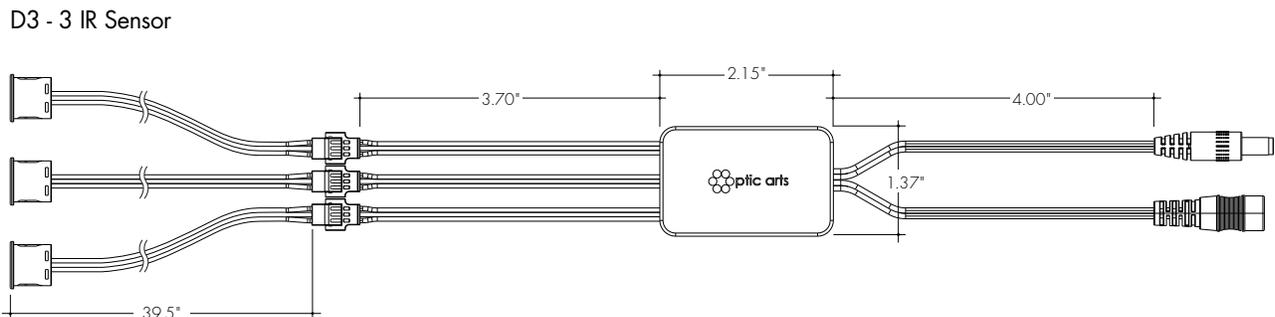
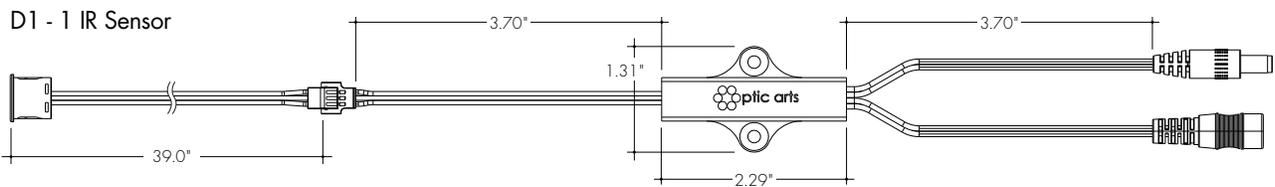
**Warranty**  
5 years

**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**

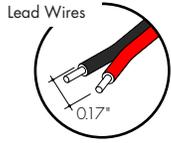
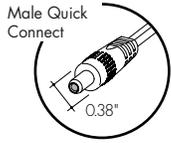


**Ordering Code**

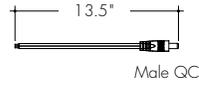
MODEL

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

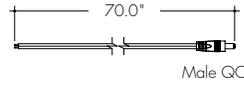
**Connectors & Accessories**



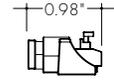
**LMC-12**  
Male quick-connect, 2 pin, 12"



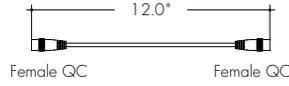
**LMC-70**  
Male quick-connect long, 2 pin, 70"



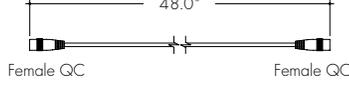
**APD-LFC-2C**  
2-wire to DC Barrel connector adapter



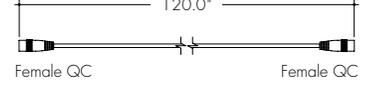
**EC-12**  
Female to Female Extension Cable, 2 pin, 12"



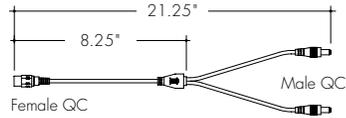
**EC-48**  
Female to Female Extension Cable, 2 pin, 48"



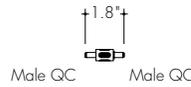
**EC-120**  
Female to Female Extension Cable, 2 pin, 120"



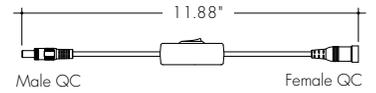
**LYC**  
1 Female to 2 Male Splitter Cable, 2 pin, 12"



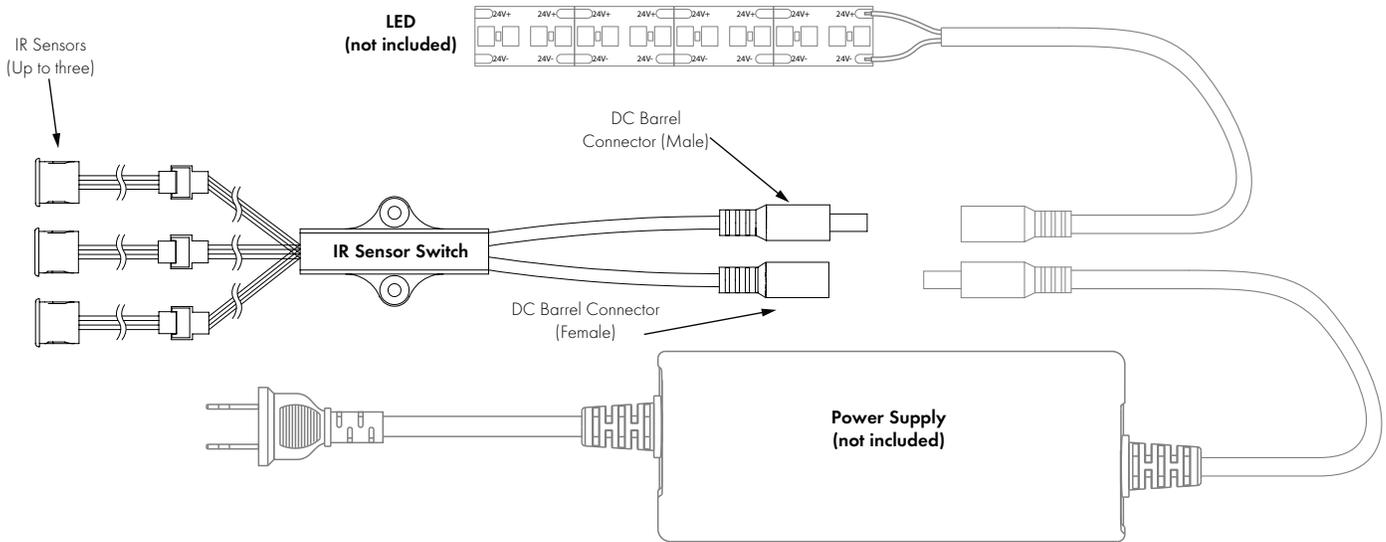
**FMA**  
Female to male adapter



**IS-DC**  
Male to Female Inline DC Switch, 2 pin, 12"



**Sample Layout**



**Functionality (External Door Sensor)**

