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

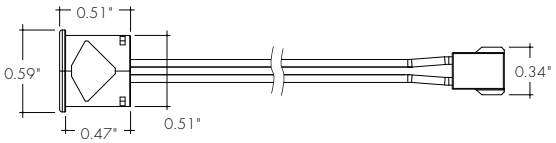
Warranty
5 years

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

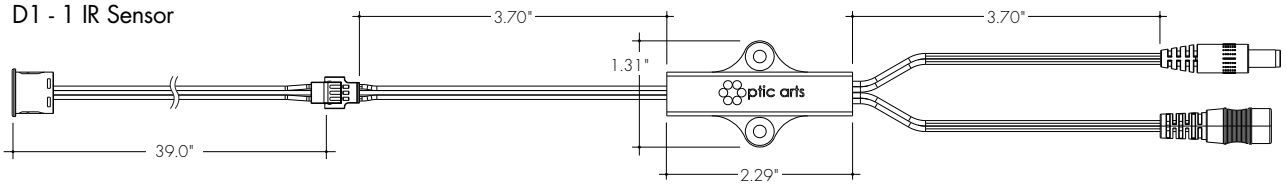
Features

- 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.

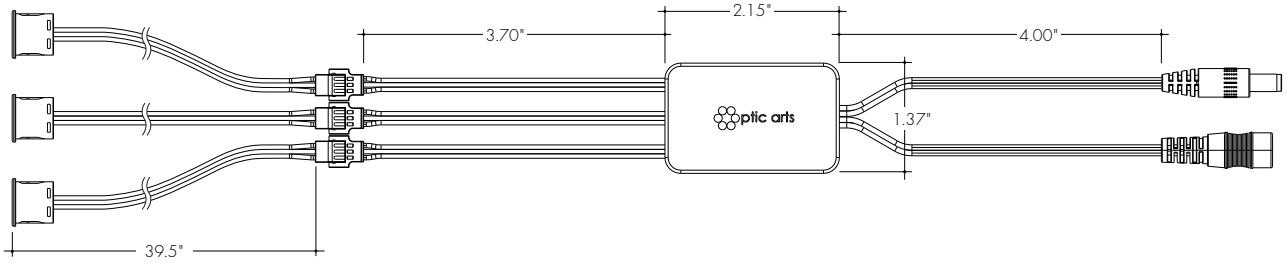
Product Dimensions



D1 - 1 IR Sensor



D3 - 3 IR Sensor

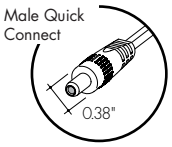


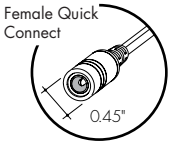
Ordering Code

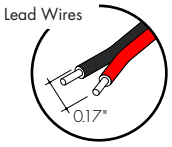
MODEL

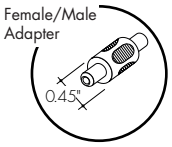
NL.EX.D1.B - Near IR Remote Switch, 1 IR Sensor
NL.EX.D3.B Near IR Remote Switch, 3 IR Sensors

Connectors & Accessories

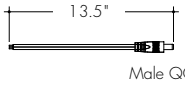




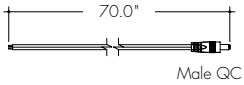




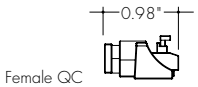
LMC-12
Male quick-connect, 2 pin, 12"



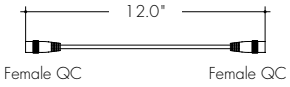
LMC-70
Male quick-connect long, 2 pin, 70"



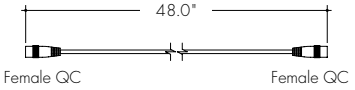
APD-LFC-2C
2-wire to Female adapter



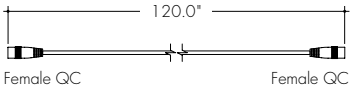
EC-12
Female to Female Extension Cable, 2 pin, 12"



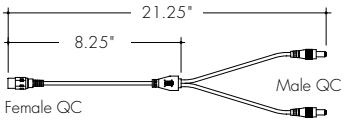
EC-48
Female to Female Extension Cable, 2 pin, 48"



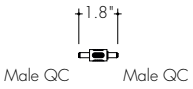
EC-120
Female to Female Extension Cable, 2 pin, 120"



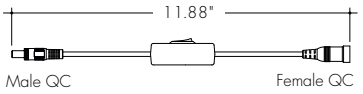
LYC
1 Female to 2 Male Splitter Cable, 2 pin, 12"



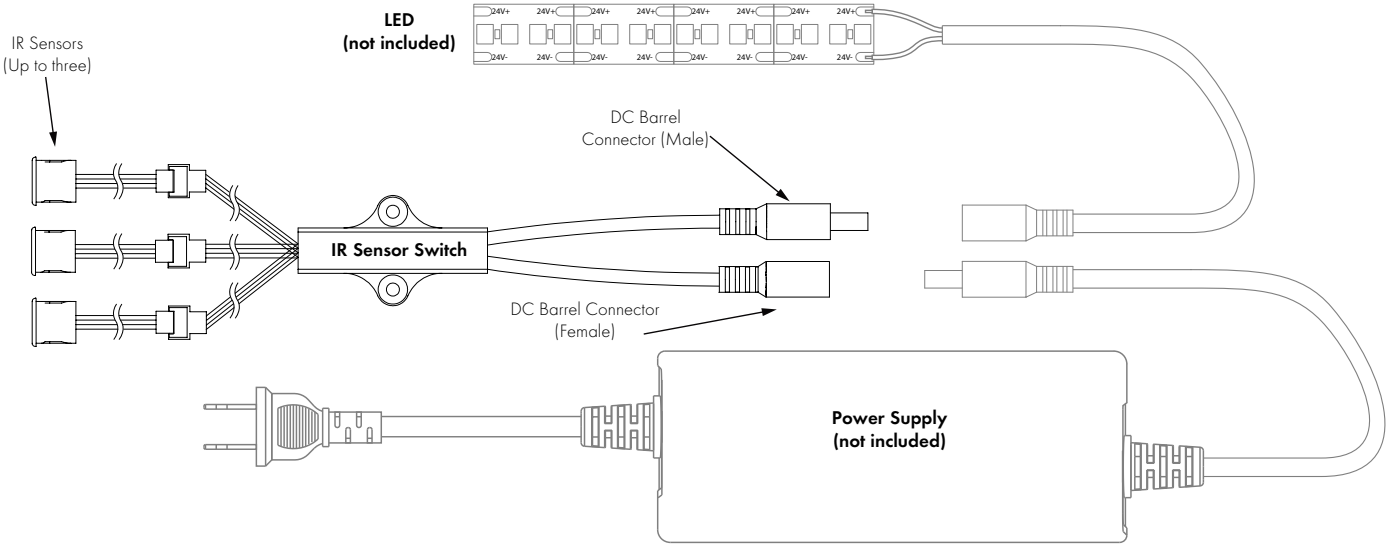
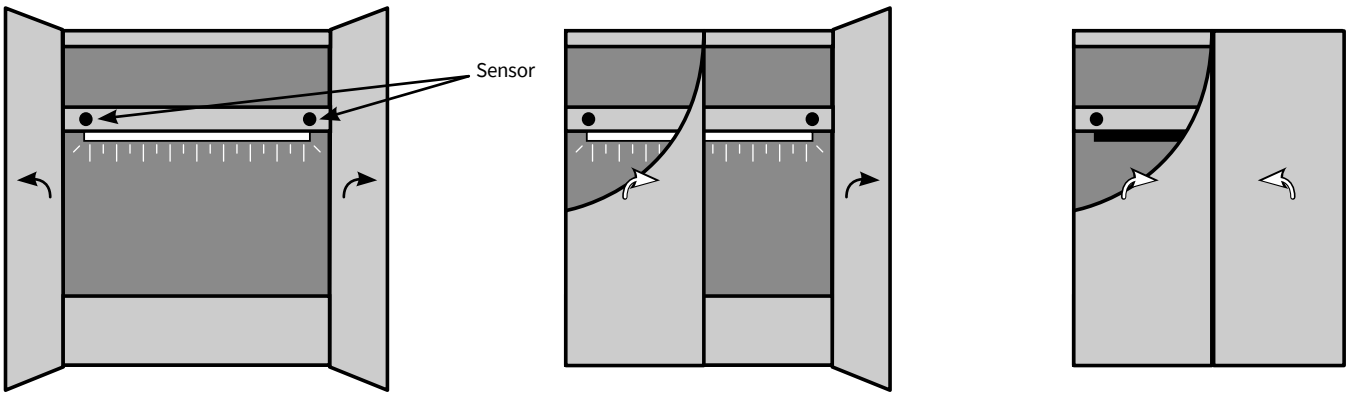
FMA
Female to male adapter



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



Sample Layout



Functionality (External Door Sensor)