amatis™

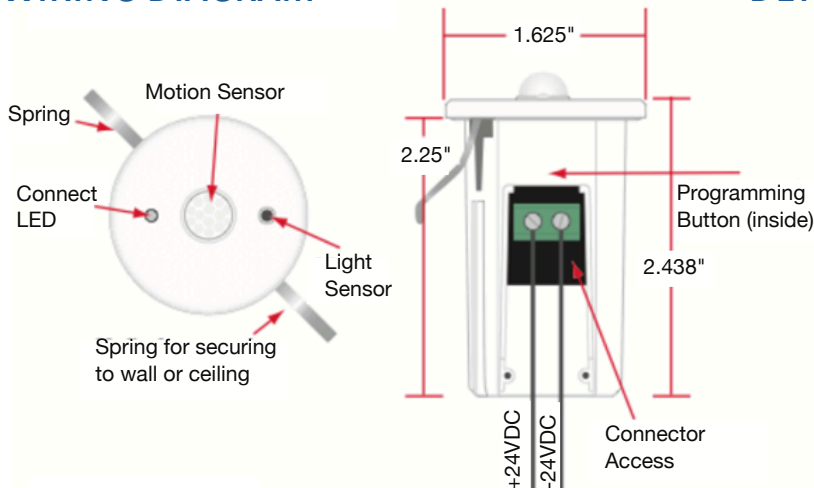## THE ENERGY OF THINGS

TECHNICAL SPECIFICATIONS
Electrical:
• Input Voltage - 24VDC
• Conductors - 2 core connect between 9-30VDC
Mechanical:
• Cap Diameter - 1.625"
• Inner Diameter = 1.25"
• Depth = 2.5"
Communication:
• Protocol - 2.4GHz IEEE 802.15.4
• Range - 100ft to nearest node
• Routing - 6LoWPAN
Measuring Ranges:
• Temperature Range - between -20°F adn 100°F
• Detection Radius - 5 meters

PRODUCT OVERVIEW

The Amatis SensorML communicates wirelessly with other devices to enable controls for vacancy, occupancy, and daylight harvesting. Amatis provides one of the smallest and most powerful combination motion and light sensors on the market. The SensorML can be installed flush into ceilings or walls and requires only two low-voltage power connections.

WIRING DIAGRAM

Spring

Motion Sensor

Connect LED

Light Sensor

Spring for securing to wall or ceiling

1.625"

2.25"

Programming Button (inside)

2.438"

+24VDC

-24VDC

Connector Access

DETECTION

16ft 12ft 9ft

58°

0°

13.3ft²

23.6ft²

42.0ft²

TOTAL AREA

58°