LOG-LPML
IN FIXTURE WIRED MOTION SENSOR

Overview

LOG-LPML provides a lighting OEM with considerable flexibility when it comes to incorporating the sensor into their fixture. It includes a digital LUX sensor and a PIR occupancy sensor. The two piece scenario allows for flexibility when installing into fixtures where there isn't significant room for an all-in-one option. This sensor is rated for up to 4.5 meters.

Technical Specifications

Motion Sensing	Digital Passive IR
Detection Distance	5 m
Detection Range (Horizontal x Vertical)	94° x 82°
Ambient Light Sensing	0-94.8 FC (0-1020 LUX); PHOTO IC TYPE
Operating Temperature	0° - 60°C - Indoor use only
Operating Power	< 1mA
Standby Power	< 1W
Enclosure	ABS Plastic
Wireless Range	45.72 m (15.24 m - 45.72 m)
Wireless Protocol	902 MHz
Start Up & Configuration	LOG-USB (476100295) & LOGICACONFIG

Application Notes

BASIC		ADVANCED	
· Zoning	· Luminaire level lighting control	· Networking	· Device monitoring / Remote diagnostic
· Addressable	· Easy start-up & configuration	· Scheduling	· Personal control
· Scene control		· BACnet	· Energy monitoring
		· Restricted access	

Compatible Devices

SWITCH
(LOG-ESRP)
(476100273)

ACCESS POINT
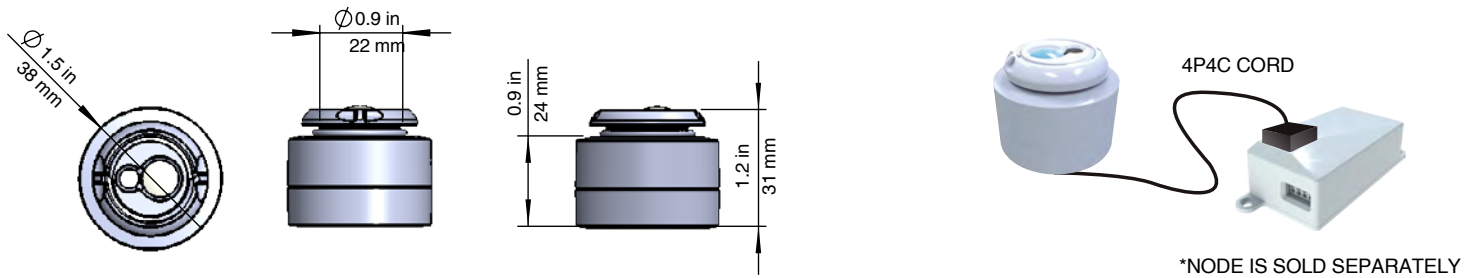(LOG-AP3)
(476100318)

BACnet GATEWAY
(LOG-EBOX)
(476100316)

Basic Common Application

NODE WITH SENSOR
(INTEGRATED)

NODE

SENSOR
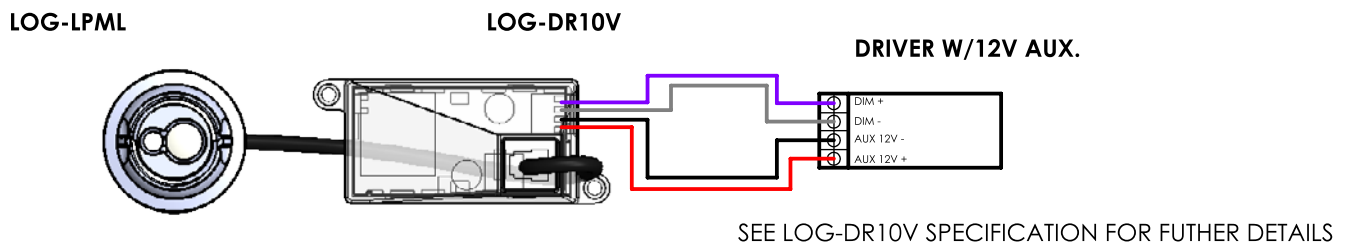
(ON LENS)

[LOGICA]®
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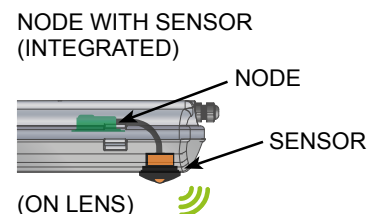
Environmental Concerns:

· Humidity degree: 15 to 85% Rh (Avoid condensation or freezing of this product).

· Pressure: 86 to 106 KPa

· Overheating, oscillations, shocks can cause the sensor to malfunction.

· This sensor is not waterproof or dust-proof. Avoid use in environments subject to excessive moisture, condensation, frost, containing salt air or dust.

· Avoid use in environments with corrosive gases.

Dimensions

⌀ 1.5 in
38 mm

⌀ 0.9 in
22 mm

0.9 in
24 mm

1.2 in
31 mm

4P4C CORD

*NODE IS SOLD SEPARATELY

Wiring Diagram

LOG-LPML

LOG-DR10V

DRIVER W/12V AUX.

DIM +
DIM -
AUX 12V -
AUX 12V +

SEE LOG-DR10V SPECIFICATION FOR FUTHER DETAILS

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Detection Performance

Side View

Top View

5m
16.404ft

2.5m
8.202ft

41°

41°

X

Y

5.6m
18.372ft

6.6m
21.654ft

X-Y cross section

47°

47°

X

5m
16.404ft

2.5m
8.202ft

20/08/2018

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