

LOG-IOSL SOLUTION

LIGHTING CONTROL INTERNAL NODE & SENSOR

- The LOGICA® IOSL is an internal node and sensor lighting control solution allows lights to turn on and shut off automatically based on occupancy and availability of natural light.
- This solution uses an internal node & sensor (LOG-ML10VL), and an optional wall switch (LOG-ESRPL).
- The LOG-ML10VL is in the fixture.
- 4 different configurations:
 - IOSL-1 (Occupancy Sensor only)
 - IOSL-2 (Occupancy Sensor & Daylight Harvesting)
 - IOSL-3 (Daylight Harvesting only)
 - IOSL-4 (Dusk to Dawn only)
- Flexible solution.
- Adjustable ramping rate of dimming.
- Scalable solution.
- Field or factory commissionable.



APPLICATION: LOG-IOSL is ideal for single or multiple fixtures on/off or dimming control applications. is ideal to use in most damp/wet locations based on product rating.

ORDERING LOGIC

SOLUTION	STANDARD	OPTION 1	ACCESSORIES
IOSL	1 (Occupancy Sensor only)	2 ² (Occupancy Sensor & Daylight Harvesting) 3 ² (Daylight Harvesting only)	LOG-ESRPL ³ (Wall Switch)
		4 ² (Dusk to Dawn only)	

NOTE 1: For any other setting please contact factory.

NOTE 2: Commissioning required.

NOTE 3: Controls lighting scenes and continuous dimming.

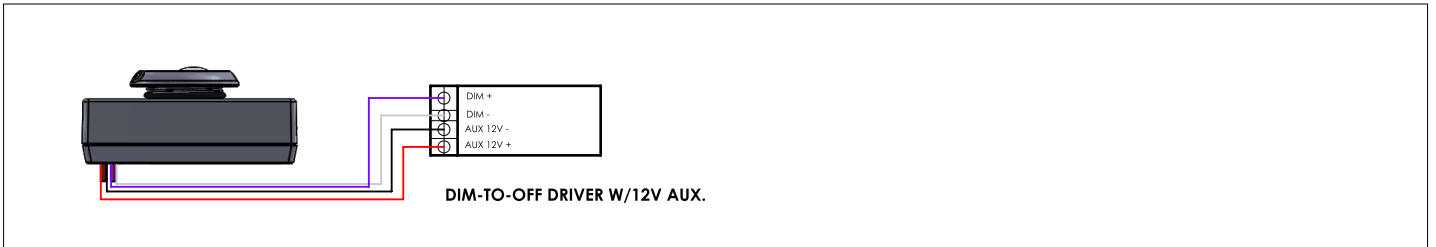
Example: IOSL-2

DESCRIPTION: LOGICA internal node with wall switch solution, Occupancy and Daylight sensors activated, and dusk to dawn deactivated.

ADVANTAGES

- PIR occupancy sensor comes by default with 3 steps dimming.
 - 100% while occupied
 - Step 1: 50% after 30 minutes of unoccupied.
 - Step 2: OFF after 60 minutes of unoccupied.
 - Step 3: Commissioned if needed.
- Daylight Harvesting (Photocell - PIR will always overwrite daylight harvesting):
 - 0 - 200 lux = 100%
 - 200 - 400 lux = 80%
 - 400 - 600 lux = 60%
 - 600 - 800 lux = 40%
 - 800 - 1020 lux = 20%
- Dusk to dawn (Photocell - PIR disabled):
 - < 200 lux = ON
 - > 800 lux = OFF
- Wall Switch (optional):
 - On
 - Higher dimming
 - Lower dimming
 - Off

WIRING DIAGRAM



TECHNICAL SPECIFICATIONS

<p>LOG-ML10VL NODE & SENSOR (INTERNAL)</p>	Motion Sensing	Digital Passive Ir
	Ambient Light Sensing	0-94.8 Fc (0-1020 Lux); Photo Ic Type
	Detection Distance	16.4FT (5M)
	Detection Range (Hor. X Vert.)	94° X 82°
	Operating Temperature	32° - 122°F (0° - 50°C) - Damp location
	Continuous Dimming	0-10VDC
	Wireless Protocol	EnOcean Wireless Protocol
	Wireless Range	150Ft (50Ft-150Ft Typical) / 45.72M (15.24M - 45.72M)
	Start Up & Configuration	LOG-USB (476100295) & LOGICA TOOL
<p>LOG-ESRPL SWITCH (OPTIONAL)</p>	Input	Electrodynamic Harvesting
	Transmission	Radio Frequency (RF) Transmitter
	Transmission Range	Typ. 328ft (100M)Free Field/32.8ft (10M) Indoor
	Rf Transmission	On Press & Release Of Rocker Button
	Operating Temperature	32° - 131°F (0° - 55°C) - Damp location
	Start Up & Configuration	LOG-USB (476100295) & LOGICA TOOL

■ **WARRANTY:** 5 year warranty, see website for full warranty details.