

LOG-NODL SOLUTION

LIGHTING CONTROL INTERNAL NODE & REMOTE SENSOR

- The LOGICA® NODL is an internal node and remote 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 (LOG-10V12L), occupancy photocell sensor (LOG-ML2L), and an optional wall switch (LOG-ESRPL).
- The LOG-10V12 is inside the fixture, while the LOG-ML2L, and ESRPL (optional) are out of the fixture.
- 4 different configurations:
 - NODL-1 (Occupancy Sensor only)
 - NODL-2 (Occupancy Sensor & Daylight Harvesting)
 - NODL-3 (Daylight Harvesting only)
 - NODL-4 (Dusk to Dawn only)
- Flexible solution.
- Adjustable ramping rate of dimming.
- Scalable solution.
- Field or factory commissionable.



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

ORDERING LOGIC

SOLUTION	STANDARD	OPTION 1	ACCESSORIES
NODL	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: NODL-2

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


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-10V12 NODE 0-10V (INTERNAL)</p>	Input Voltage	12 - 15 VDC
	Continuous Dimming	0-10 VDC
	Standby Power	< 1W
	Number Of Outputs	1
	Operating Temperature	32° - 140°F (0° - 60°C) - Damp location
	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
	Leads	24" Long Leads

 <p>LOG-ML2L REMOTE SENSOR</p>	Motion Sensing	Digital Passive Ir
	Detection Distance	39FT (12M)
	Detection Range (Hor. X Vert.)	102° X 92°
	Light Sensor	0-95 FC (0-1020 LUX)
	Default Transmission Interval	Immediate Upon Detected Occupancy
	Default Unoccupied Send Delay	5 Minutes (Adjustable Via Logica Tool)
	Min. Light Required To Charge	4FC (40 LUX)
	Min. Charge Time To Begin Operation	1 minute @ 20FC (200 LUX)
	Full Charge Time	~8 HOURS @ 100FC (1000LUX)
	Maintain Charge Time	3 Hours Per 24 Hours @ 20FC (200 LUX)
	Operation Life At Full Charge	Up To 72 Hours
	Optional Battery Life	10 Years (1/2Aa 3.6V Lithium)
	Operating Temperature	-3° - 140°F (20° - 60°C) - Damp Location
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.