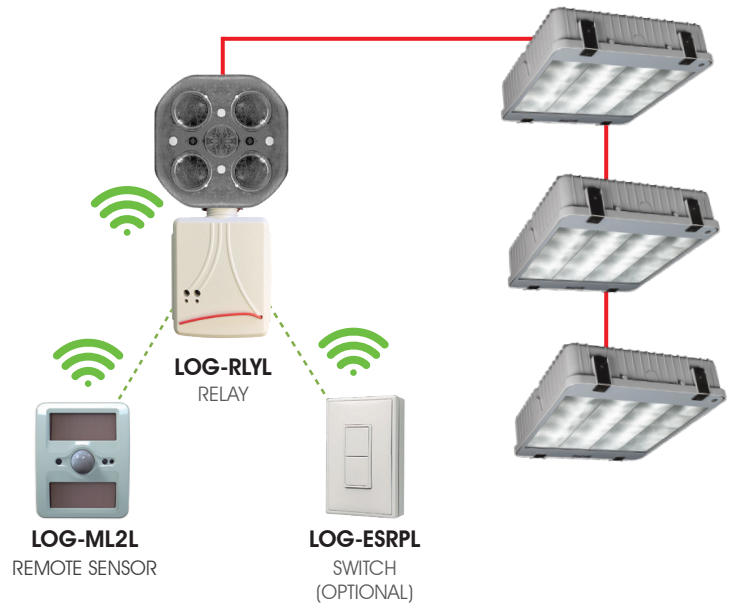


LOG-RLYL SOLUTION

LIGHTING CONTROL RELAY & REMOTE SENSOR

- The LOGICA® RLYL lighting control solution allows lights to turn on and shut off automatically based on occupancy and availability of natural light.
- This solution uses a relay (LOG-RLYL), occupancy photocell sensor (LOG-ML2L), and an optional wall switch (LOG-ESRPL).
- All fixtures are wire connected.
- 4 different configurations:
 - RLYL-1 (Occupancy Sensor only) - Default Setting
 - RLYL-2 (Occupancy Sensor & Daylight Harvesting)
 - RLYL-3 (Daylight Harvesting only)
 - RLYL-4 (Dusk to Dawn only)
- Compatible with 0-10V dimming fixtures.
- Flexible solution.
- Adjustable ramping rate of dimming.
- Scalable solution.
- Field or factory commissionable.



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

ORDERING LOGIC

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

NOTE 1: Maximum load 16A ac.

NOTE 2: For any other setting please contact factory.

NOTE 3: Commissioning required.

NOTE 4: Controls lighting scenes and continuous dimming.

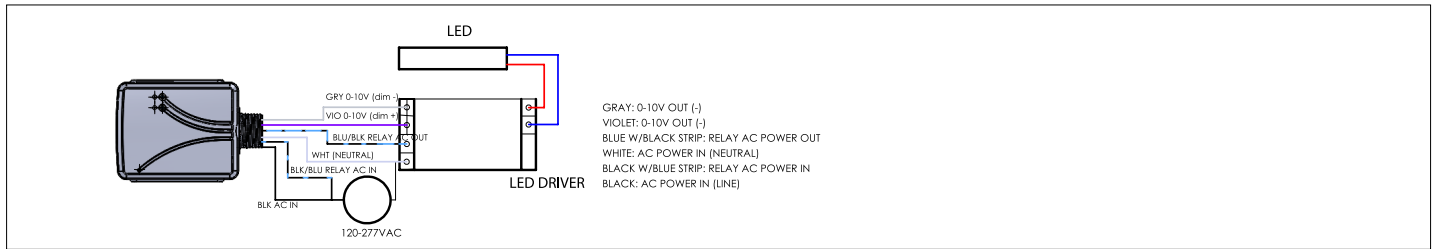
Example: RLYL-2

DESCRIPTION: LOGICA relay 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 (for controlling lighting scenes and continuous dimming):
 - On
 - Higher dimming
 - Lower dimming
 - Off


WIRING DIAGRAM




TECHNICAL SPECIFICATIONS

ADDITIONAL INFORMATION

 <p>LOG-RLYL RELAY</p>	Wireless Protocol	EnOcean Wireless Protocol
	Wireless Range	150ft (50ft-150ft typical) / 45.72M (15.24M - 45.72M)
	Input Voltage	100-277 VAC
	Max. Switched Power	3300W @ 277VAC
	Max. Switched Current	20A
	Relay Output	N.O. (normally open)
	Dimmer Output	0-10V, 30 mA (sinking drivers) 5 mA (sourcing drivers)
	Ambient Operating Temperature	32° - 131°F (0° - 55°C) FOR 3300 W load @ 277 VAC
	Start Up & Configuration	LOG-USB (476100295) & LOGICA TOOL
	Leads	12" 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.