LOG-EOSL SOLUTION

DAMP   BAA   TITLE 24   FC

LIGHTING CONTROL EXTERNAL NODE & SENSOR

- The LOGICA® EOSL is an external lighting control solution that includes node and sensor attached to the housing of the fixture. This solution allows lights to turn on and shut off automatically based on occupancy and availability of natural light.

- This solution uses a external node & sensor (LOG-HBKO-10VL), and an optional wall switch (LOG-ESRPL).

- The LOG-HBKO10VL is integrated into a high bay fixture through an available half inch knock out.

- 4 different configurations:
  - EOSL-1 (Occupancy Sensor only)
  - EOSL-2 (Occupancy Sensor & Daylight Harvesting)
  - EOSL-3 (Daylight Harvesting only)
  - EOSL-4 (Dusk to Dawn only)

- Flexible solution.

- Adjustable ramping rate of dimming.

- Scalable solution.

- Field or factory commisionable.

LOG-HBKO10VL
NODE & SENSOR
(EXTERNAL)

LOG-ESRPL
SWITCH
(OPTIONAL)

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

ORDERING LOGIC

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

NOTE 1: For any other setting please contact factory.
NOTE 2: Commissioning required.
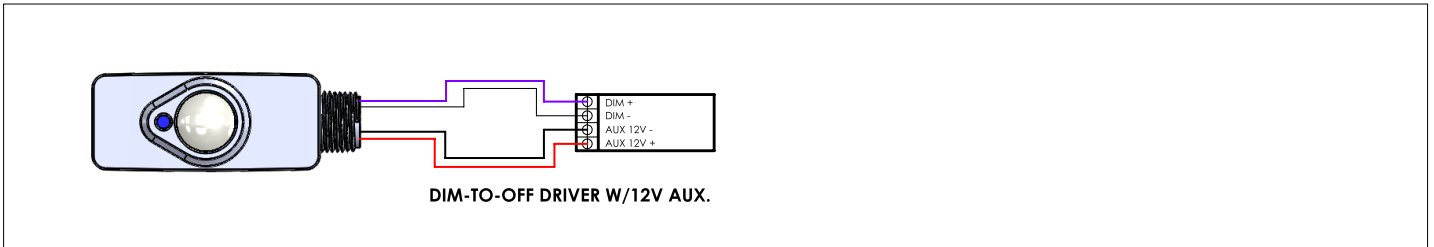NOTE 3: Controls lighting scenes and continuous dimming.

Example: EOSL-2
DESCRIPTION: LOGICA external 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

[LOGICA]®
by Beghelli

WIRING DIAGRAM

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

DIM-TO-OFF DRIVER W/12V AUX.

TECHNICAL SPECIFICATIONS

LOG-HBKO10VL
NODE & SENSOR
(EXTERNAL)

Motion Sensing	Digital Passive Ir
Ambient Light Sensing	0-94.8 Fc (0-1020 Lux); Photo Ic Type
Detection Distance	39.4 Ft (12M)
Detection Range (Hor. X Vert.)	120° X 92°
Operating Temperature	32° - 140°F (0° - 60°C)
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

LOG-ESRPL
SWITCH
(OPTIONAL

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.

[LOGICA]®
by Beghelli