LOG-ML2L

TITLE 20 TITLE 24 BAA DLC FC

LIGHTING CONTROL RELAY

■ The LOGICA® ML2L is ideally suited for occupancy based lighting control and also provides for indoor daylight harvesting functionality, with a light range of 0-1020lx.

■ The LOGICA® ML2L can be paired with compatible devices. When paired with a relay (LOG-RLYL) and a wireless rocker switch (LOG-ESRPL), the sensor creates an out of the box, cost effective, lighting control system. When combined with a LOGICA® gateway (LOG-EBOX), LOG-ML2 can be integrated into an existing BAC-net-compatible building automation system.

■ Multistep (default):

- 100% while occupied
- Step 1: 50% after 30 minutes of unoccupied.
- Step 2: OFF after 60 minutes of unoccupied.
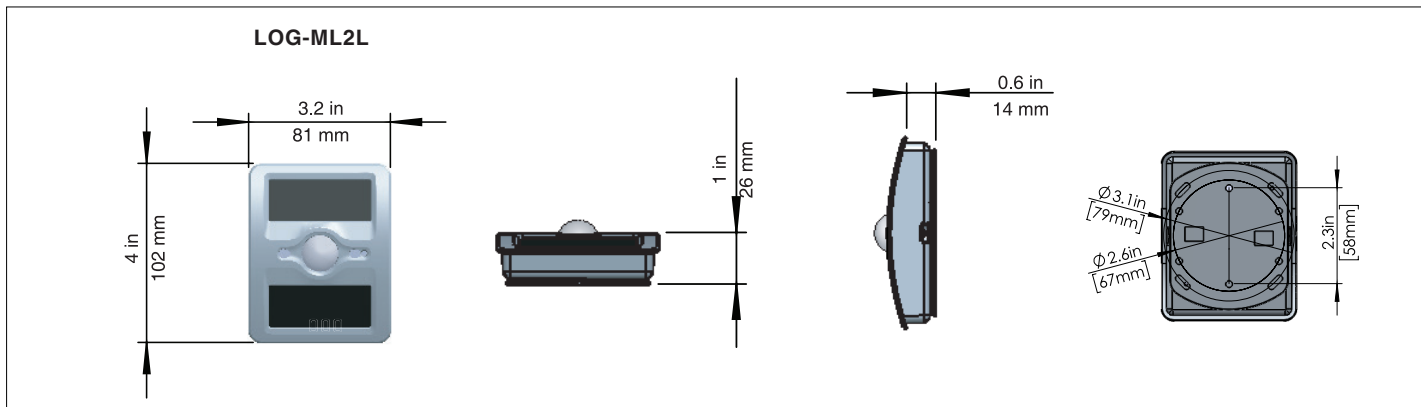- Customer Step 3: Commissioning Available.

ORDERING LOGIC

MODEL	DESCRIPTION
LOG-ML2L	LOGICA® motion/light sensor

LOG-ML2L
REMOTE SENSOR

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

APPLICATION NOTES

BASIC		ADVANCED	
Zoning	Luminaire level lighting control	**Networking**	Device monitoring / Remote diagnostic
Addressable	Easy start up and configuration	**Scheduling**	Restricted access
		BACnet	

DIMENSIONS

LOG-ML2L

3.2 in
81 mm

4 in
102 mm

1 in
26 mm

0.6 in
14 mm

Ø 3.1 in [79mm]

Ø 2.6 in [67mm]

2.3in [58mm]

COMPATIBLE DEVICES

SWITCH
(LOG-ESRPL)
(476100273)

RELAY
(LOG-RLY)
(476100272)

ACCESS POINT
(LOG-AP3)
(476100318)

BACnet GATEWAY
(LOG-EBOX)
(476100316)

RELAY
(LOG-10V12L)
(476100271)

NOTE: For basic or advanced solutions.

BASIC COMMON APPLICATIONS

LOG-RLYL
RELAY

LOG-ML2L
REMOTE SENSOR
(ACCESSORY)

LOG-ESRPL
SWITCH
(ACCESSORY)

■ WARRANTY: 2 year warranty, see website for full warranty details.

10/23/19   www.beghelliusa.com

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