Easy-Link - Installation Instructions, LED Cabinet Luminaires
Models EL-

c **UL** us
LISTED
PORTABLE CABINET
LED LUMINAIRE
E475914

Instruction page index:

REV0.4 03152019

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Please read all instructions prior to installation and keep for future reference!

1. Product to be installed by a qualified electrician.
2. Prior to installation ensure power is off at fuse box to prevent electrical shock.

luminii

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LISTED
PORTABLE CABINET
LED LUMINAIRE
E475914

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Page 2 of 4

1

1.1 4"

mark

1.1

4"

fixture

1.2

1.2 mounting bracket

screw

screw

1.2

mounting bracket

1.1 Determine the location of where the fixture(s) will be installed. Lay the fixture(s) on the surface, and make reference marks for the mounting brackets. Make marks 4" from each end of the fixture(s).

1.2 Lay the mounting bracket onto the mark points and secure using the provided hardware.

2

2.1 Snap fixture into the brackets to secure in place.

2.1

mounting bracket

fixture

fixture

joiner

2.2

fixture

2.2 If joining multiple fixtures together use the provided joiner to connect together.

fixture

2.3

power cord

2.3 Connect the 120VAC power cord to the end of the fixture. If using sensor/switch reference page 3.

3

Easy-Link sample layout
up to 10 fixtures can be put together

joiner

joiner

fixture

fixture

fixture

or can use

jumber cable
(sold separately)

connect to **power**

power cord to 120VAC
(sold separately)

OR

occupancy sensor/switch
(for more information reference page 3)

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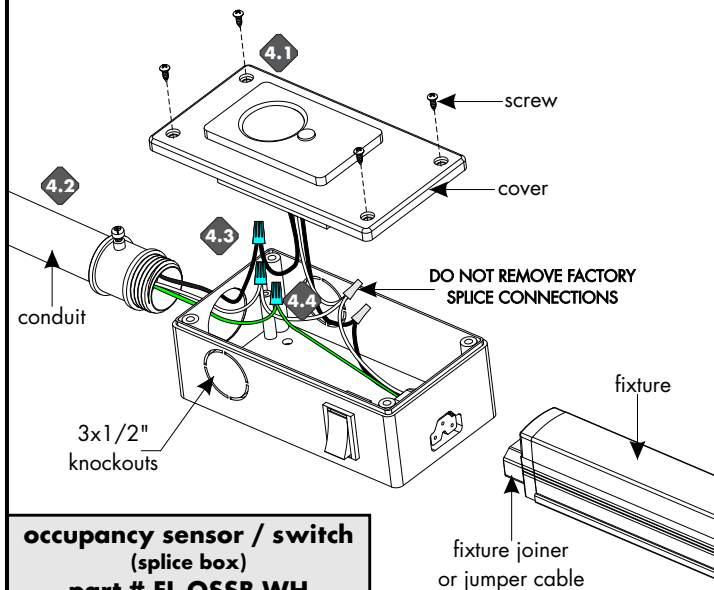**Please read all instructions prior to installation and keep for future reference!**

1. Product to be installed by a qualified electrician.
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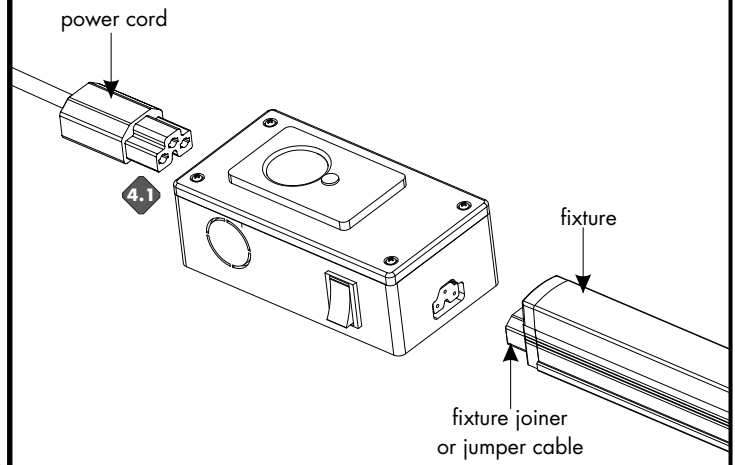## SENSOR/SWITCH INSTALLATION (only follow the directions to your particular model)

4

4.1 Carefully, remove the 4 screws from the sensor cover.
4.2 Run & connect a 120V AC conduit to the sensor, and secure (lock nut not shown for clarity in diagram).
4.3 Connect the white (neutral) & black (hot) sensor wires to the white & black power wires (120VAC). Ground wire in accordance with local electrical codes. Secure cover back on.
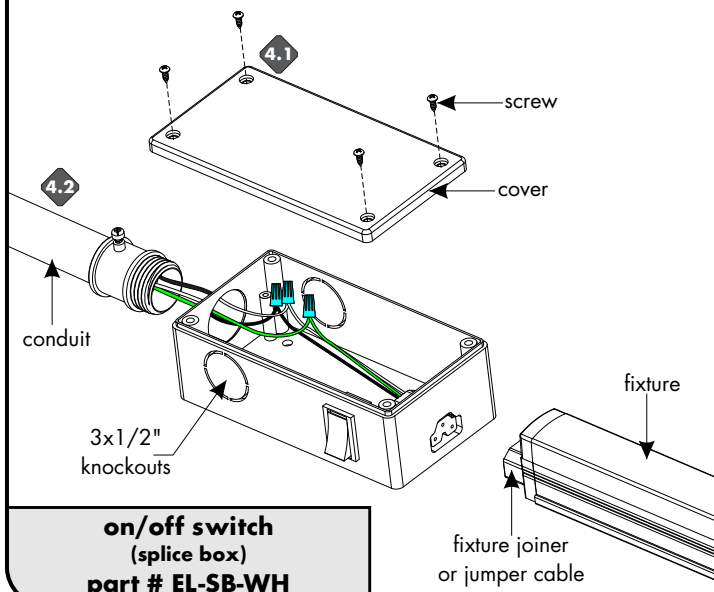**4.4** Program sensor reference page 4

screw
cover
4.1
4.2
4.3
4.4
DO NOT REMOVE FACTORY SPLICE CONNECTIONS
conduit
3x1/2" knockouts
fixture
fixture joiner or jumper cable

occupancy sensor / switch
(splice box)
part # EL-OSSB-WH

4.1 Connect the power cord (120V AC).
4.2 Program sensor reference page 4

power cord
4.1
fixture
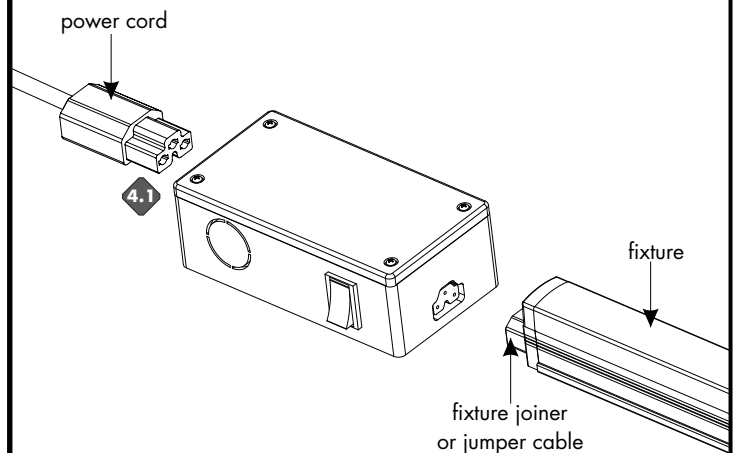fixture joiner or jumper cable

occupancy sensor / switch
(used with power cord accessory)
part # EL-OSSB-PC-WH

4.1 Carefully, remove the 4 screws from the on/off switch cover.
4.2 Run & connect a 120V AC conduit to the on/off switch and secure (lock nut not shown for clarity in diagram).
4.3 Connect the white (neutral) & black (hot) on/off switch wires to the white & black power wires (120VAC). Ground wire in accordance with local electrical codes. Secure cover back on.

screw
cover
4.1
4.2
conduit
3x1/2" knockouts
fixture
fixture joiner or jumper cable

on/off switch
(splice box)
part # EL-SB-WH

4.1 Connect the power cord (120V AC).

power cord
4.1
fixture
fixture joiner or jumper cable

on/off switch
(used with power cord accessory)
part # EL-SB-PC-WH

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SENSOR/SWITCH PROGRAMMING INSTRUCTIONS

PROGRAMMING INSTRUCTIONS
Please read all 3 steps before programming

1. Enter a programming function by pressing button the number of times as the desired function number from the tables below (e.g., press twice for function 2, occupancy time delay).

2. LED will flash back the selected function's current setting (e.g., 5 flashes for 10 minute time delay). To change setting, proceed to step 3 before flash back sequence repeats 3 times. To exit the current function or to change to a different function, wait for sequence to repeat 3 times then return to step 1.

3. Press button the number of times indicated in the particular function's detailed table for the NEW desired setting (e.g., press 3 times for 5 min). As confirmation of setting change, LED flashes back the NEW setting 3 times before exiting.

PROGRAMMING FUNCTIONS	STD. UNIT
2 Occupancy Time Delay	•
4 Test Mode & 100 hr Burn-In	•
10 Minimum On Time	•
14 Lamp Information	•

DETAILED FUNCTION TABLES

2 = Occupancy Time Delay

1 30 sec	**4** 7.5 min**	**7** 15.0 min
2 2.5 min	**5** 10.0 min*	**8** 17.5 min
3 5.0 min	**6** 12.5 min	**9** 20.0 min

4 = Test Mode / 100hr Burn-In / Auto Set-Point

1 Normal*	**4** Run Auto Set-Point
2 Run 100 hr Burn-In	**5** Blink back Set-Point[2]
3 Run 100 hr then Auto-Setpoint	**6** Test Mode [3]

[2] The LED will blink back the ten's digit, then pause, then blink back the one's digit. For a "0" the LED will blink very rapidly. The sequence is repeated 3 times.

[3] Test Mode will disable Minimum On Time, set Occupancy Time Delay to 30 sec, and shorten all photocell transitions and dimming rates. Mode will expire after 10 min or if function 4 is set back to Normal.

10 = Minimum On Time

1 0 min	**3** 30 min	**5** 60 min
2 15 min*	**4** 45 min	

14 = Lamp Information

1	Enable LampMaximizer+
2	Disable LampMaximizer+*
3	Total Switches / 1000 [4]
4	Total Time On (khrs) [4]
5	Reset Total Switch and Total Time On Statistics
6	Reset LampMaximizer+ Value

[4] The LED will blink back a two digit value; the first digit, then pause, then blink back the second digit. For a "0" the LED will blink rapidly.

* DEFAULT SETTING
** SPECIAL DEFAULT SETTING FOR -ADC, -D UNITS
*** SPECIAL DEFAULT SETTING FOR CM(R)B 6, CM(R)B 50, CM(R) 6, RM(R) 6, RM(R) 50, SB(R) 6, & SB(R) 50 SERIES UNITS

FUNCTION DEFINITIONS

2 OCCUPANCY TIME DELAY
The length of time an occupancy sensor will keep the lights on and at full bright after it last detects occupancy (assuming minimum on time has been met)

4 100 HOUR BURN-IN / AUTO SET-POINT

TEST MODE
Disables Minimum On Time, sets Occupancy Time Delay to 30 sec, and shortens all photocell transition and dimming rates. Mode will expire after 10 min or if function 4 is set back to Normal.

100 HOUR BURN-IN
Overrides relay on and/or dimming output to full bright (typically for lamp seasoning)

AUTO SET-POINT
Photocell calibration procedure for detecting optimum lighting control level

10 MINIMUM ON TIME
The length of time required for lamps to be on in order to prevent all short cycling that shortens lamp life. If occupancy time delay expires prior to minimum on time being satisfied, the lamps will remain on until time has been met.

14 LAMP INFORMATION

LAMPMAXIMIXER+ (Enable/Disable)
Advanced operating mode where occupancy time delay adjustments are automatically made every two weeks. The time delay is adjusted according to an algorithm that determines the optimum time delay in order to maximize both lamp life and energy savings.
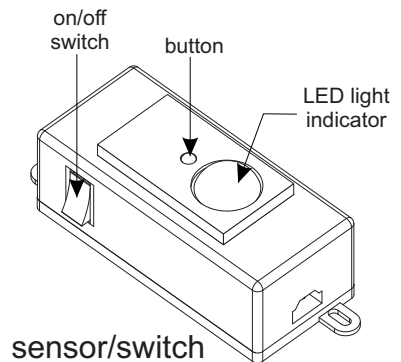
TOTAL SWITCHES
The current count (in 1000's) of the number of off to on cycles since sensor installation (or since count was manually reset)

TOTAL RUN-TIME
The current elapsed time (in 1000's of hrs) a controlled lamp has been on since sensor was installed (or since count was manually reset)

RESET LAMPMAXIMIZER+
Method of clearing the sensor's historical occupancy information such that if a sensor is phycially moved, only new occupancy information will influence LampMaximizer+ results

on/off switch   button

LED light indicator

sensor/switch

NOTE:
For information on additional advanced settings, including resetting unit to factory defaults, contact:

technical support
(224) 333-6033