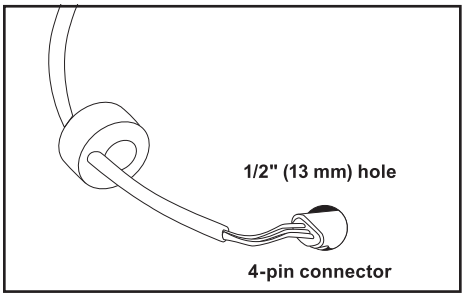
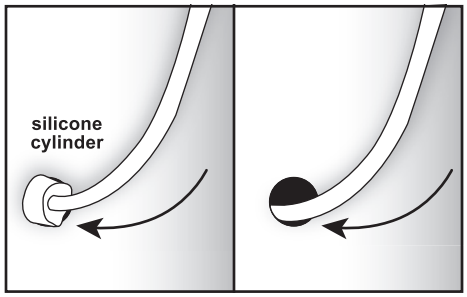
MODUS SmartBAY™

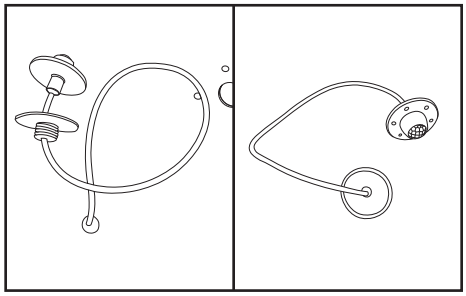
Install Guide for MODUS SmartBAY™ Wireless Control System

PN: 601000 / 701986

Sensor Installation





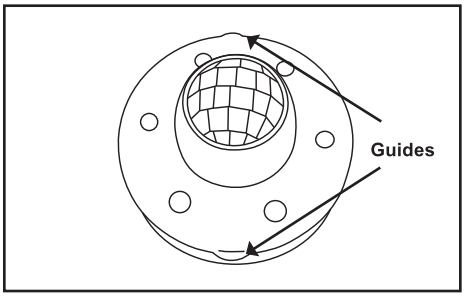


1. Determine sensor location.
Tip: *When choosing sensor location, take note of any local structural protruding into beam angle of sensor (Fig A). False positive senses can occur if local structure interferes with IR beam.*

Drill 1/2" (13 mm) hole in desired sensor location. Clear sharp burs from both sides of drilled hole and pass 4-pin connector through it.

2. Compress silicone cylinder on sensor cable and pass through hole in canopy. If this proves to be difficult, use a sharp utility knife to slice small web of silicone retaining cylinder on sensor cable, and retain silicone cylinder. Pass remaining cable through hole until approximately 3 ft (1 m) below canopy.

3. Slide ribbed silicone disc from white polycarbonate housing and press ribbed portion into drilled hole. Seat ribbed portion as far in canopy as possible.



4. Press white polycabonate cylinder into available hole in silicone disc as far as possible. Rotate sensor as required to align sensor. Small guides on edge of white polycabonate disc correspond to notch in sensor and 60° beam angle axis (Fig. A). If desired, use two (2) or more self-drilling Tek® screws at conical depressions to secure sensor structure to canopy. Proceed topside to complete 601000 controller installation and sensor connection.

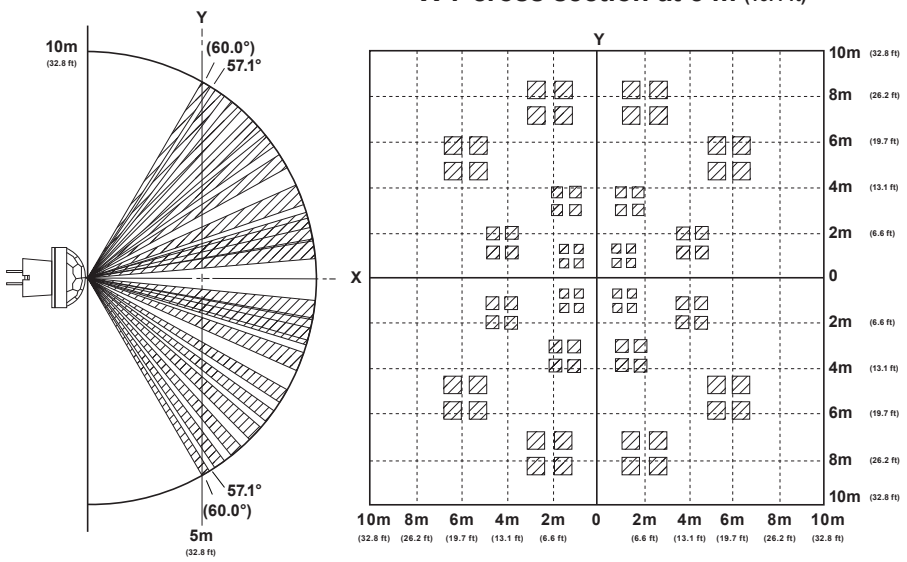


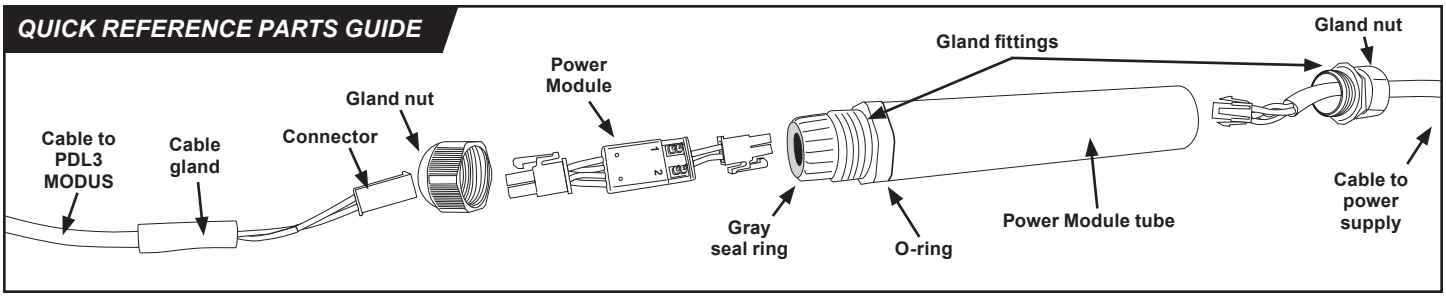
Fig. A

SloanLED®
Leaders in LED Technology

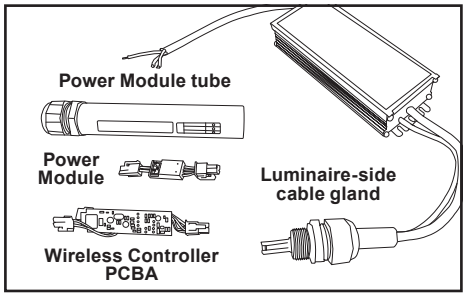
MODUS SmartBAY™

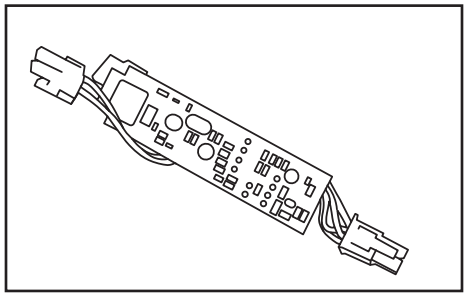
Install Guide for MODUS SmartBAY™ Wireless Control System

PN: 601000 / 701986



PCBA commissioning

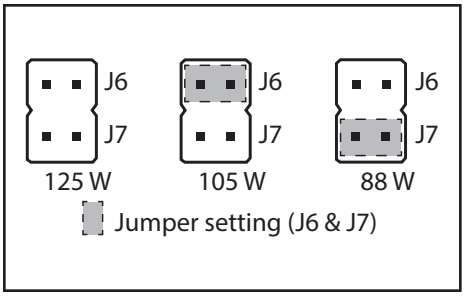




WARNING: THIS CONTROLLER IS NOT IP RATED FOR DUST OR MOISTURE. MUST BE INSTALLED IN: AN IP54 MINIMUM JUNCTION BOX, A MODUS MOD2, MOD3 OR MOD4 POWER SUPPLY KIT.

1. Remove Power Module tube and luminaire-side cable gland from driver side cable gland on 601072 Power Supply Kit. Remove and retain Power Module for future use.

2. Connect white 4-position connector of wireless controller PCBA to mating connector of power supply output.

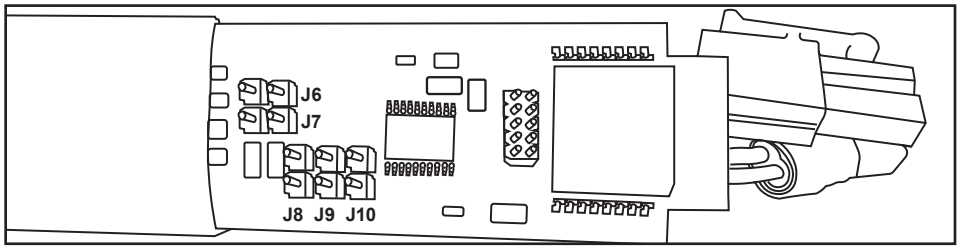


3. Configure jumper on dimming controller to desired max power setting. Ensure all dimming controllers in a single zone/group have same jumper setting.

Power settings

	J6	J7
125 W	Open	Open
105 W	Closed	Open
88 W	Open	Closed

Do not close both J6 & J7 simultaneously.



Zone settings

Zone #	J8	J9	J10
1	Open	Open	Open
2	Open	Open	Closed
3	Open	Closed	Open
4	Open	Closed	Closed
5	Closed	Open	Open
6	Closed	Open	Closed
7	Closed	Closed	Open
8	Closed	Closed	Closed

IMPORTANT: If connecting a luminaire without a sensor, proceed to Step 4. If connecting a luminaire with a sensor, proceed to Step 7.

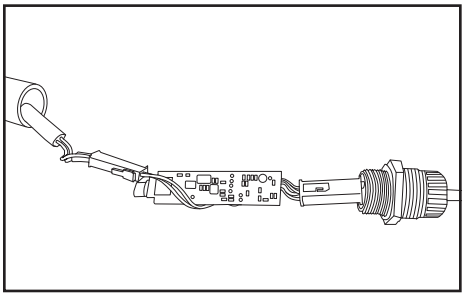
SloanLED® Leaders in LED Technology

MODUS SmartBAY™

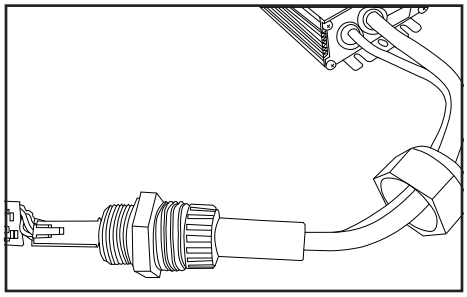
Install Guide for MODUS SmartBAY™ Wireless Control System

PN: 601000 / 701986

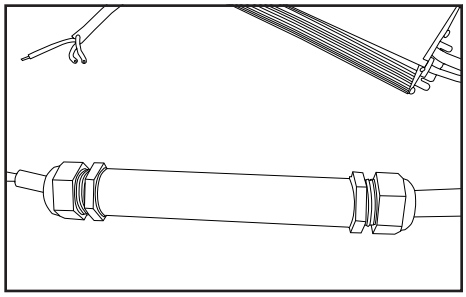
Connecting a luminaire without a sensor



4. Disconnect primary power from driver. Slide luminaire side cable gland and Power Module tube onto luminaire secondary cable and connect 2-position connector on luminaire secondary cable to mating connector on wireless controller PCBA.



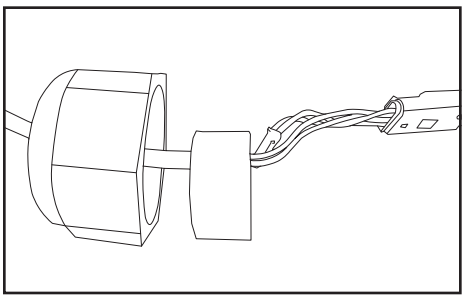
5. Remove cap nut of driver side cable gland and slide cap nut up output cable of driver. Position silicone gland of driver output cable to protrude about 1.5" (38 mm) from exposed end of cable gland and retighten cap nut. Thread Power Module tube onto power supply side cable gland and compress flat gasket to achieve a waterproof seal.



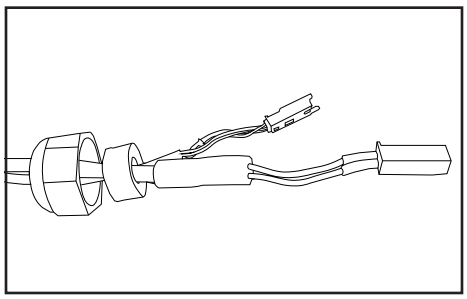
6. Remove cap nut from luminaire secondary cable to protrude about 1" (25 mm) from exposed end of cable gland and retighten cap nut. Position silicone gland of luminaire secondary cable to protrude about 1" from exposed end of cable gland and retighten cap nut.

Proceed to Step 12.

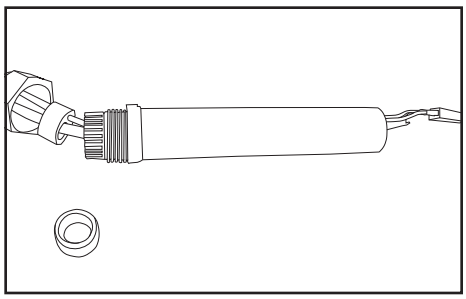
Connecting a luminaire with a sensor



7. Remove cap nut from luminaire side cable gland and slide it up 701986 sensor cable, squeezing 0.9" (23 mm) diameter silicone cylinder through cap nut.



8. Insert luminaire secondary cable through cap nut and through open hole in silicone cylinder on sensor cable. Push silicone gland on luminaire secondary cable all the way through silicone disc. Remove polymeric ring from luminaire side cable gland and retain for future use.

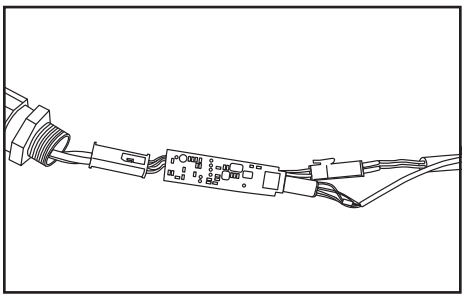


9. Insert luminaire and sensor cables into luminaire side cable gland body and push cables through tube.

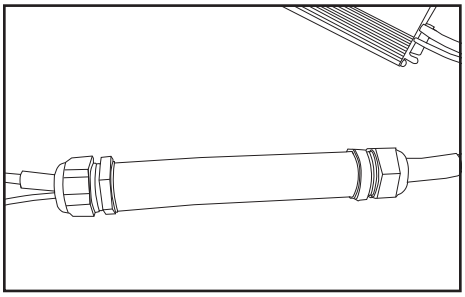
MODUS SmartBAY™

Install Guide for MODUS SmartBAY™ Wireless Control System

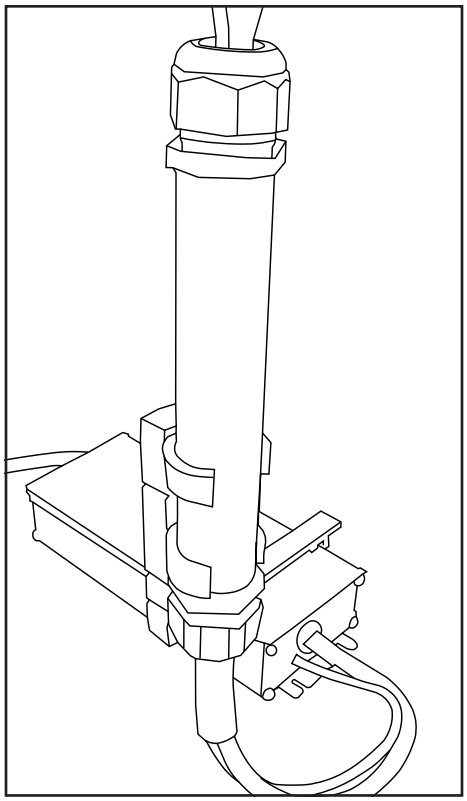
PN: 601000 / 701986



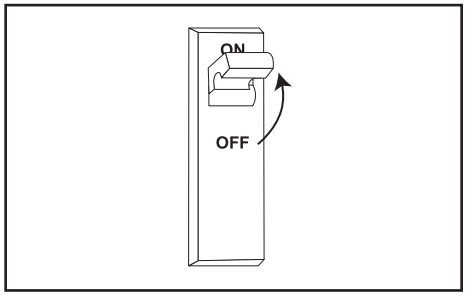
10. Disconnect primary power from driver. Connect 2-position luminaire secondary connector and 4-position sensor connector to respective mating connectors on wireless controller PCBA. Thread controller tube onto power supply-side cable gland and compress flat gasket to achieve a waterproof seal.



11. Insert silicone disc into luminaire-side cable gland body and position luminaire cable so that silicone gland on secondary cable protrudes about 1" (25 mm) towards luminaire and retighten cap nut.



12. Snap plastic tube clamps into plastic tube base into two (2) square openings. Snap tube base onto driver and Power Module tube into clamps. Position driver so that Power Module tube long axis is vertical.



13. Install luminaire and apply primary power.

US patents and foreign patents pending

Customer service and technical support
888.747.4LED (888.747.4533)
SloanLED.com • info@SloanLED.com

Europe: Customer service and technical support
+31 88 12 44 900
SloanLED.com • Europe@SloanLED.com

SloanLED® Leaders in LED Technology

P/N 402420 Rev B 2019-11-06