



AC2SBPS PHOTOCELL; TWIST LOCK

Includes: F2SB048, F2SB080, F2SB100, F2SB150, F2SB200, F2SB300

CAUTION: PLEASE FOLLOW THIS INSTRUCTION MANUAL CAREFULLY TO PREVENT ANY INJURIES OR COMPLICATIONS THAT MAY ARISE.
WARNING: Before installing or maintaining the luminaire, make sure all powers are **TURNED OFF**.
 Verify that supply voltage is correct by comparing it with the label information on all fixtures.
 Make all connections in accordance with the NEC requirements, and make sure all luminaries are properly secured to prevent any wire complications. This luminaire is to always be installed with the lens facing down and its not to exceed the maximum ambient temperature rating noted on the specification sheet.

STANDARD INSTALLATION STEPS

PART NO.	IMAGE	DESCRIPTION	QTY
AC2SBPS-A (Base)		This base is the part that gets wired to the F2SB using the wiring diagram.	1
AC2SBPS-B (Cell for LV) AC2SBPS480-B (Cell for HV)		Once the base is wired and fastened onto the F2SB luminaire, this part is inserted and twist-locked into place. <small>(This installation is for one of the two photocells noted)</small>	1*
10-00066		Flathead Machine Screw are used to fasten the AC2SBPS-BASE on top of the F2SB luminaire.	2

1. Using a Phillips Screw Driver, remove the 4 Flathead machine screws that hold the cap in place and remove the cap and the gasket.

2. A qualified electrician is required to perform the electrical wiring in compliance with the National Electrical Code (NEC) and other local codes which may be required. Use the Wiring Diagram on the right-hand side in order to see how the cables must be connected. This will require the electrician to remove the screws holding the service door to reach in and get all the cables from the LED Driver.

3. Once all the wiring is complete, fasten the AC2SBPS base onto the service door using the [2] Flathead machine screws provided. Make sure to orient the marked arrow on the base to make it face NORTH. This is critical in order for the photocell to work properly.

4. Once the AC2SBPS base is installed, insert the AC2SBPS Photocell and twist-lock it into place. Once again, it is critical to make sure the opening of the cap is facing NORTH.

WIRING DIAGRAM

The diagram shows the AC2SBPS base connected to AC Power (L [BLACK], N [WHITE]). The base also has a RED WIRE connection. The LED Driver is connected to the base (N [WHITE], L [BLACK]) and provides 0-10V DIMMING (WHITE (-), BLUE (+)). The LED Driver outputs V(-) [BLACK] and V(+) [RED] to the LED Board.