

Field Setup Checklist

Step 1 – Obtain target average illuminance (footcandle level) from specifier or lighting designer.

Step 2 – Assure lamps have had adequate time to burn in properly as per lamp manufacturer's recommendations.

Step 3 – Assure construction is complete and the space is in "move-in" condition. Remove all tools and equipment used as part of construction from the space. Assure that all furniture, floor, wall and window coverings have been installed.

Step 4 – DAY Setup (Perform this step during daylight conditions.)



4.1 Adjust all shades / blinds or window coverings to allow maximum daylight in the space. Do not allow direct beam sunlight to enter the controlled area during setup.

4.2 Place an illuminance meter at desktop height, away from the windows but in the field of view of the fixture-integrated daylight sensor. Note the meter location for use in Step 5.1.

4.3 Press the "DAY" button once.
A green LED in the photosensor will flash once.

4.4 Press the "Up" and/or "Down" arrow to adjust the lighting level while monitoring the illuminance meter reading. Adjust until the meter reads as close as possible to the desired target level from Step 1. A green LED in the photosensor will flash continuously as either button is held down. Light levels will change slowly so continue to hold button until desired illuminance is achieved.

4.5 After the desired level is achieved, press and hold the "DAY" button for 3 seconds.
A green LED in the photosensor will flash twice for 3 seconds each time, indicating that the DAY adjustment is complete.

Step 5 – NIGHT Setup (Perform this step during nighttime conditions, or with daylight completely blocked.)

5.1 Close all shades / blinds or window coverings.

5.2 Place an illuminance meter in the same location as in Step 4.1.

5.3 Press the "NIGHT" button once.
A green LED in the photosensor will flash once.

5.4 Press the "Up" and/or "Down" arrow to adjust the lighting level while monitoring the illuminance meter reading. Adjust until the meter reads as close as possible to the desired target level from Step 1. A green LED in the photosensor will flash continuously as either button is held down. Light levels will change slowly so continue to hold button until desired illuminance is achieved.

5.5 After the desired level is achieved, press and hold the "NIGHT" button for 3 seconds.
A green LED in the photosensor will flash twice for 3 seconds each time, indicating that the NIGHT adjustment is complete.

Step 6 – Begin Automatic dimming by pressing the "AUTO" button.

If the red LED in the photosensor is flashing, setup has not been done properly. Continue with steps 6.1 – 6.3 until red LED stops flashing.

6.1 If after the "AUTO" button is pressed the lights go to full output, the DAY Adjustment is not programmed correctly.
Repeat Step 4 in its entirety.
Repeat step 6.

6.2 If after the "AUTO" button is pressed the lights remain at the same level, the NIGHT Adjustment is not programmed correctly.
Repeat Step 5 in its entirety.
Repeat step 6.

6.3 The NIGHT setpoint must always be set with higher levels of electric light than the DAY setpoint.
If the DAY adjusted electric light level seems higher than the NIGHT level, repeat Steps 4 & 5.

Troubleshooting

If there is a red flashing LED in the photocell, the system is not set up properly.

- Upon press of the "AUTO" button – the light goes to full output, the DAY setpoint is not set up correctly.
- Upon press of the "AUTO" button – the light stays at its dimmed level, the NIGHT setpoint is not set up correctly.
- The NIGHT setpoint must always be set with higher levels of electric light than the DAY setpoint. Assure both setpoints are adjusted properly.