Section 1 - **Mounting the Internal Sun Sensor**
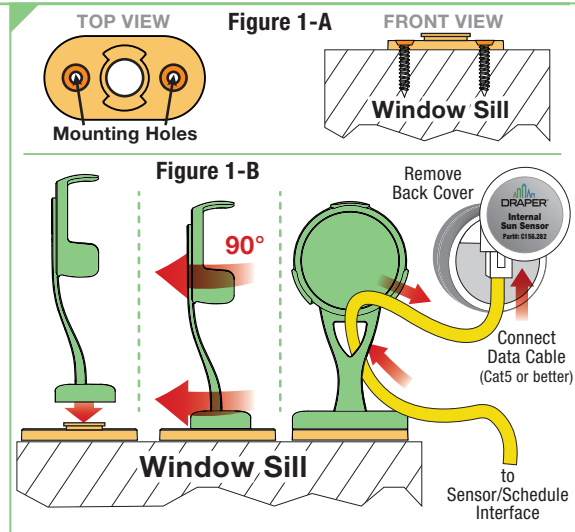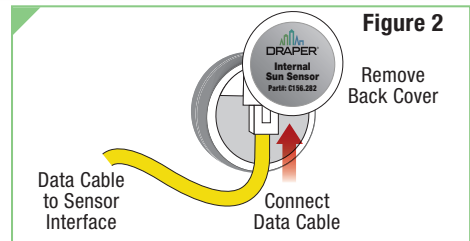
Section 1.1 – Mounting with Sensor Stand

1. **Determine mounting location of Internal Sun Sensor.**

2. **Remove base from the bottom of the sensor stand by rotating the base 90° (see Fig. 1A). Secure the base to the window sill using the provided hardware.**

3. **Line up mounting hole on the bottom of the sensor stand with central mounting peg on the base.**

4. **Once sensor stand is over the mounting peg, rotate stand 90°. Sensor stand is now sucure.**

5. **Thread the data cable** (Cat5 or better) **through the back of the stand (see Fig.1B).**

6. **Remove the back cover from the Internal Sun Sensor and connect the data cable. Replace the back cover and attach the Internal Sun Sensor to the stand.**
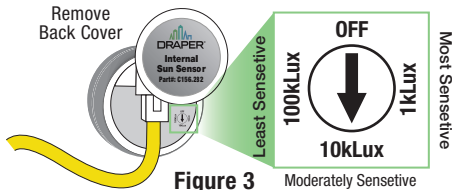
TOP VIEW **Figure 1-A** **FRONT VIEW**

Mounting Holes

Window Sill

Figure 1-B

90°

Remove Back Cover

DRAPER
Internal Sun Sensor
Part#: C156.282

Connect Data Cable
(Cat5 or better)

Window Sill

to Sensor/Schedule Interface

Section 1.2 – Mounting with Self Adhesive

1. **Secure the Internal Sun Sensor directly to the window glass with the provided clear circular double-sided adhesive (see Fig. 2).**

2. **Remove the back cover from the Internal Sun Sensor and connect the data cable. Replace the back cover.**

Figure 2

DRAPER
Internal Sun Sensor
Part#: C156.282

Remove Back Cover

Data Cable to Sensor Interface

Connect Data Cable

Section 2 - **Adjusting Light Sensitivity (kLux)**

1. Remove the back cover from the Internal Sun Sensor to expose the sensitivity dial (see Fig. 3).

2. Set the sensor to the desired sensitivity. Replace the back cover and return the sensor to it's proper location in the window.

Remove Back Cover

DRAPER
Internal
Sun Sensor
Part#: C156.282

OFF
Least Sensetive
100kLux
1klux
Most Sensetive
10kLux
Moderately Sensetive

Figure 3

Section 3 - **Connecting Sensor to Sensor / Schedule Interface**

The Sensor 1 and Sensor 2 ports (see Fig. 4) are used to connect to the Draper Internal Sun Sensor (C156.282).

Interior Brightness Sensor Ports
1   2
TOP
Figure 4

Section 4 - **Sensor / Schedule Interface Main Screen**

Main screen shows the current date and time, as well as readings for each configured sensor.

When the Internal Sun Sensor is plugged into the Sensor/Schedule Interface (SSI), it will automatically be configured and the current reading will be displayed (see Fig. 5).

The default settings for the sensor control are:
• Profile – Automatic Control *(Shades retract when cloudy and extend when sunny)*
• Threshold – 50%
• Cloudy Delay – 15 min
• Sunny Delay – 5 sec
• Group – Master*

```
Jan 01    12:00AM
Sun           45%
Not Set
Not Set
Not Set
  Configuration
```

Figure 5

* If 2 sensors are plugged into the same SSI, they will be added to the same sensor group (Master). In this case, the highest reading between the two sensors at any time will be used to control the shades.

All of these settings can be adjusted using the Configuration Menu on the Sensor/Schedule Interface.

Please refer to the Sensor/Schedule Interface (SSI) instructions for specific directions.