

INSTALLATION INSTRUCTIONS



IMPORTANT SAFETY INFORMATION

Read all instructions before installation

Important Notes: (1) Opening, dismantling, or modifying hub housing will void warranty coverage. (2) Requires unswitched power receptacle for AC power plug (5) All optional components must use unswitched power (6) Connectors accept AWG 16 – 26 wire

DIMMER COMPATIBILITY

The *Skyweaver*® 622s is designed for compatibility with dimmers conforming to the 0-10V dimming standard IEC 60929 Annex E2. Consult www.arborlight.com for a known device compatibility chart.

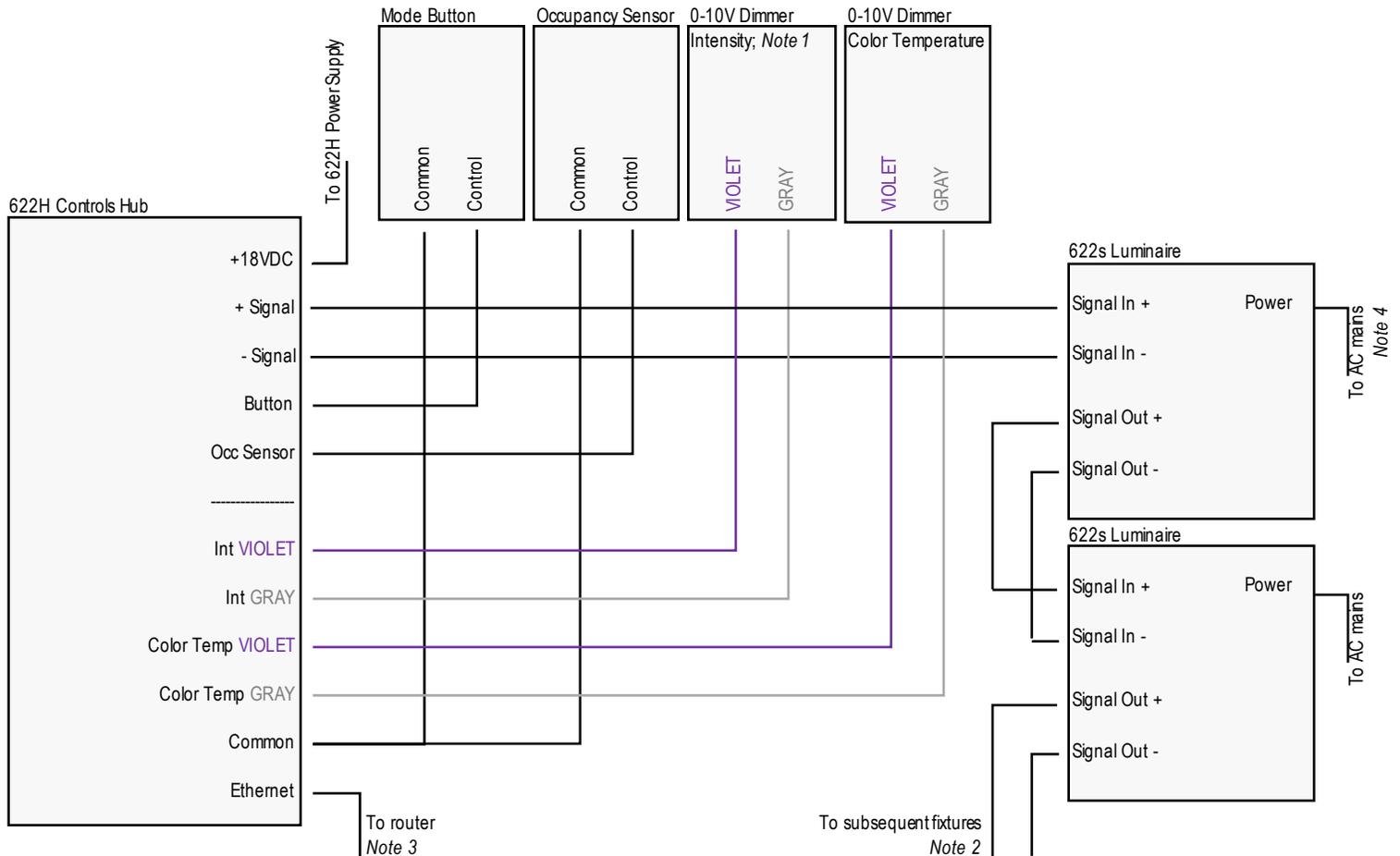
Unit Placement

1. Place unit within 30' of luminaire. Unit requires low voltage wiring to luminaire and any optional controls.
2. Mounting holes are 1/8" diameter.
3. Follow all local codes for installation.

Required Wiring

For basic operation, please connect low voltage signal wire from the “Signal +/-” terminal using the terminal block screw connector to the luminaire. For luminaire side wiring, please refer to luminaire manual.

Connect power through the +18V DC input to an appropriate **unswitched** power receptacle.



NOTES

- 0-10V dimmer may be replaced by DALI or BACnet to 0-10V Converter
- Daisy chain connection from 1-30 fixtures total
- Ethernet connection is not currently available. See page 3 for more information.
- Refer to luminaire installation instructions.

Optional Controls

Color Temperature

May be used to control color temperature from wall.

Requires 0-10v compliant dimmer.

Intensity Dimming

May be used to control light intensity from wall.

Requires 0-10v compliant dimmer.

Mode Button

Used to toggle between *Daylight Emulation®* mode and static mode.

Requires 24V button on **unswitched** power.

Occupancy Sensor

Used to turn light on or off when room is vacant.

Requires 24 VDC occupancy sensor on **unswitched** power.

Network Options

(A) Ad-Hoc Network

The hub broadcasts a Wi-Fi hot spot that is used to control only the luminaires on that hub.

Requires user to connect to this network for adjustments to lighting through the mobile application.

This does not require any interface with additional wired or wireless networks.

(B) Building Wireless Network

During initialization, user selects and follows any necessary authentication for existing Wi-Fi network.

Users can make adjustments to lighting using the application provided the device and hub are on the same Wi-Fi network.

This configuration does not require the user manipulate their device network each time they wish to control the lighting.

(C) Secure Wired Ethernet

During installation, a wired Ethernet connection is run from the hub to router.

User can make adjustments to lighting through the app provided the device is connected to the same network as the wired router.

This configuration does not require the user manipulate their device network each time they wish to control the lighting.

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Initializing the luminaire

After connecting and powering the SW622H and luminaires, open the Arborlight SW6 application on a compatible Android or Kindle device and follow on-screen steps for set up.

Installing the Android Control Application

The Arborlight Android app is not available on the Google Play store yet. To install it on a mobile device, the phone needs to be configured to allow apps to be installed from unknown sources. This allows apps from sources other than Google to be installed on a mobile device.

To access the Unknown Sources setting, press the settings app icon.

1. Select **Security** (Android OS 4.0+) or **Applications** (Android OS 3.0 and earlier).
2. You may need to scroll down to see the **Unknown Sources** setting.
3. Enable it to allow the Arborlight app to be installed.
4. After the app is installed, the Unknown Sources setting can be restored to its original state.

Please use the app provided by Arborlight from a sales representative, or Arborlight.com