

# VG1 LED SERIES

## INSTALLATION INSTRUCTIONS



### WARNING:

- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Make sure all electrical power is turned off while installing the fixture.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.
- Disconnect power before servicing.
- LEDs are ESD (Electro Static Discharge) sensitive devices that can be easily damaged if the proper ESD mitigating steps are not taken.
- LEDs are very sensitive to mechanical damage. Caution must be taken to avoid damage to the LEDs.
- ESD or mechanical damage voids all warranties.
- Suitable for wet location.

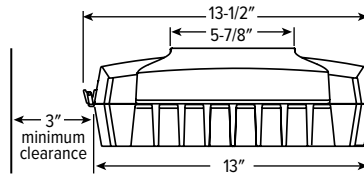
### TOOLS REQUIRED:

5/32" hex key (by others)

**STEP 1:** Carefully unpack upper and lower housings taking precautions not to scratch lens or finish.

**NOTE:** Allow 3" minimum clearance between hinged side of fixture and wall/structure (FIG. 1).

FIG. 1.1



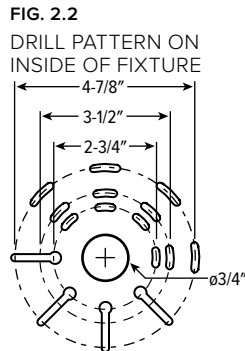
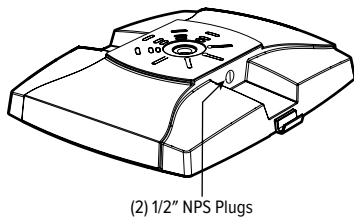
### MOUNTING

**STEP 2:** Proceed using instructions below for relevant mounting application

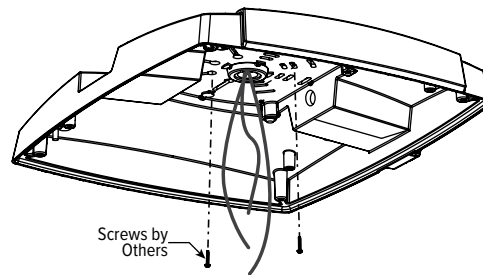
#### SURFACE MOUNT (SM):

Mount to Junction Box:

For surface mounting to 4" maximum junction box (by others), using drill pattern on inside of fixture upper housing as a guide, drill appropriate holes for alignment to junction box. (FIG. 2.1) (FIG. 2.2) FIG. 2.1



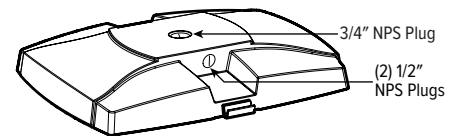
Feed supply leads through center hole and secure upper housing to junction box with screws, by others (FIG. 2.3). **NOTE: All fixture openings for power entry and mounting must be sealed using appropriate sealant.** FIG. 2.3



#### CLOSED TOP SURFACE MOUNT (CT):

Determine location in fixture for necessary mounting holes and drill holes in upper housing. Remove NPS plug(s) as needed (FIG. 2.4). Secure upper housing to ceiling surface with appropriate hardware (by others) to adequately support fixture weight (maximum 25 lbs.). Install seal tight conduit and feed supply leads through conduit into fixture housing. **NOTE: All fixture openings for power entry and mounting must be sealed using appropriate sealant.**

FIG. 2.4



#### PENDANT MOUNT (PM):

For pendant mounting, upper housing is tapped for 3/4" IPS conduit. Using appropriate sealant on threads, thread fixture onto pendant (by others) and secure in place using necessary hardware provided by others (see FIGS. 2.5 – 2.6). Feed supply leads through pendant into fixture housing.

FIG. 2.5

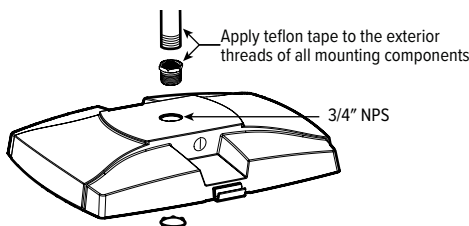
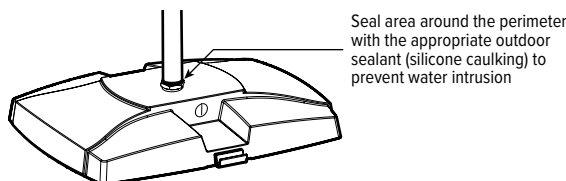


FIG. 2.6

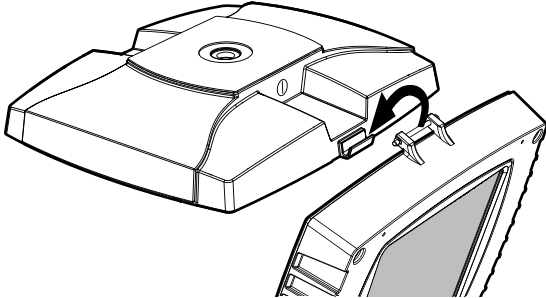


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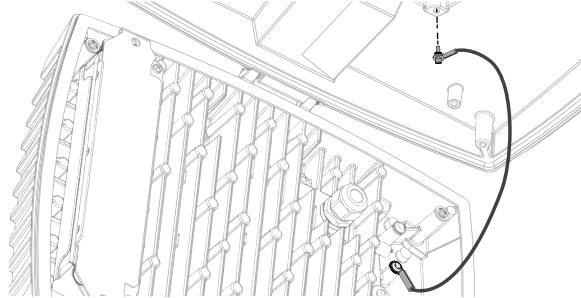
**STEP 3:** Carefully position lower housing hinge pin onto upper housing hinge hook to support lower housing (FIG. 3.1).

FIG. 3.1



Connect safety lanyard with captive screw to upper housing (FIG. 3.2) using 5/32" hex key. Tighten screw securely.

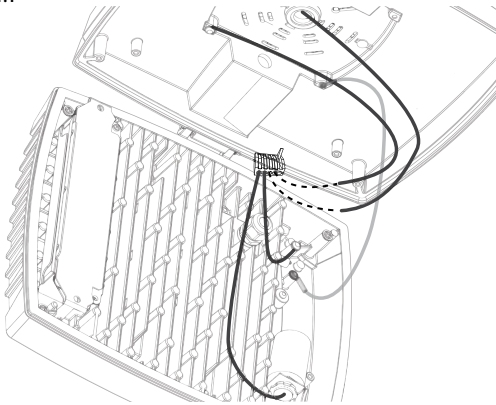
FIG. 3.2



## ELECTRICAL

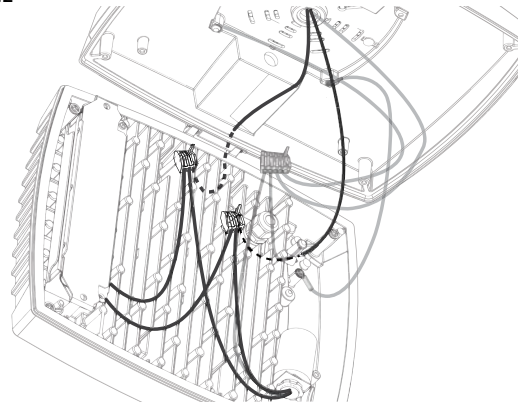
**STEP 4:** Connect incoming ground wire and ground from upper housing to 5-way connector in lower housing (FIG. 4.1).

FIG. 4.1



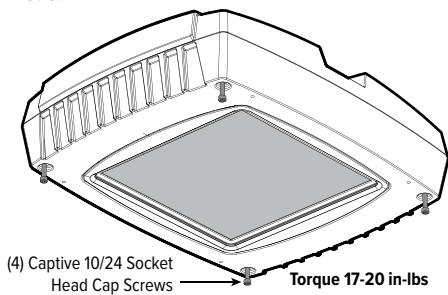
Connect incoming power to the (2) 3-way connectors (FIG. 4.2) coming from lower housing.

FIG. 4.2



**STEP 5:** Carefully tuck all wires into electrical compartment. Carefully lift lower housing into place and tighten (4) captive 10/24 socket head cap screws using 5/32" hex key. Tighten securely, **torque to 17-20 in-lbs.** (FIG. 5.1).

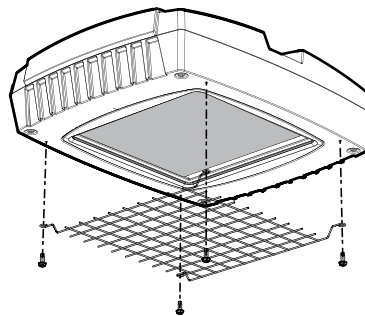
FIG. 5.1



## FIELD-INSTALLATION OF WIREGUARD KIT

**STEP 6:** Locate (4) drill dimples on face of fixture. Drill (4) holes using a .166" or #19 bit to a depth of 1/2" minimum to 5/8" maximum. Secure wireguard to face of fixture with (4) screws provided (FIG. 6.1).

FIG. 6.1



**STEP 7: OPTIONAL OCCUPANCY SENSOR:** Visit [www.wattstopper.com](http://www.wattstopper.com) for FSP-211 installation and programming instructions

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### WIRING DIAGRAM

Make electrical connections in accordance with NEC and local codes.

