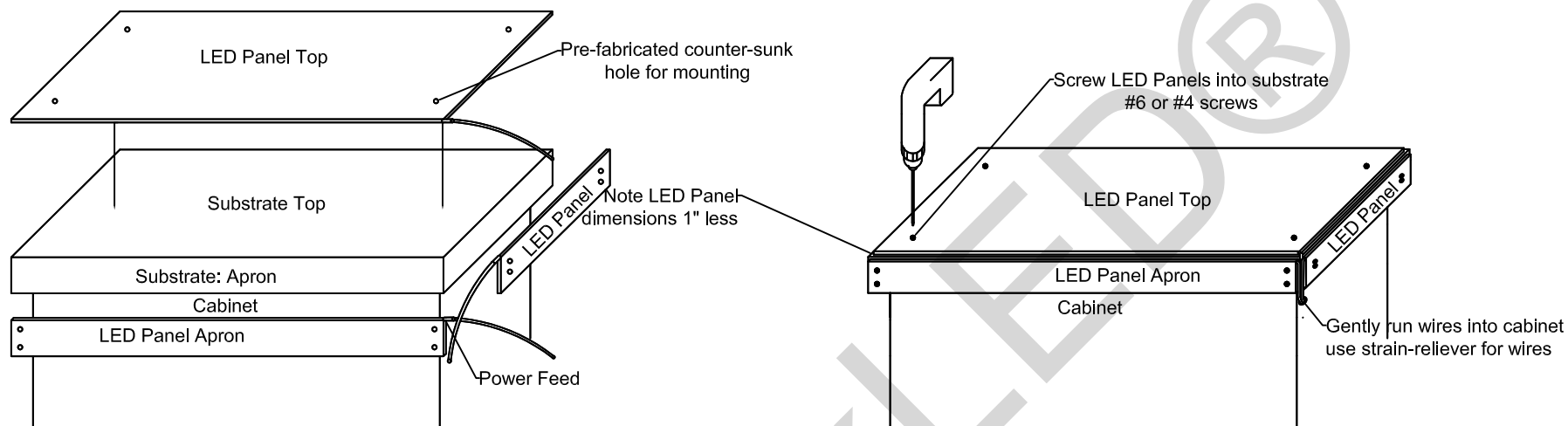


INSTALLATION GUIDE

LED PANELS | COUNTER TOPS

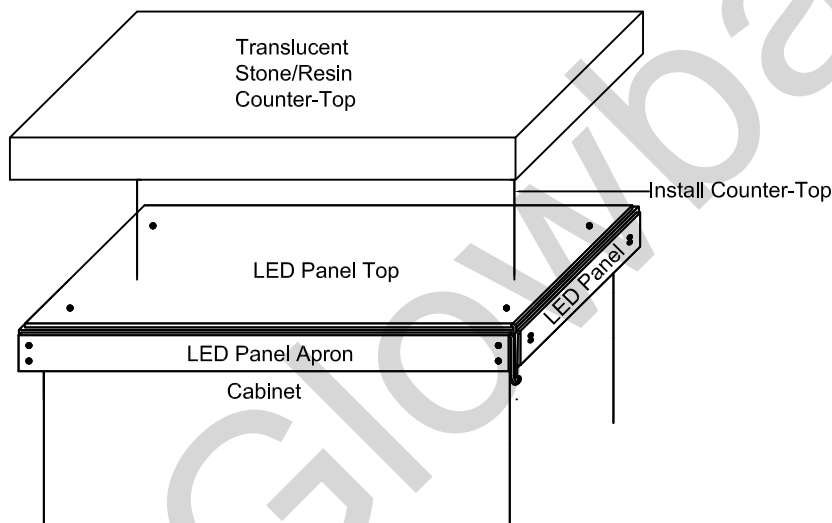


LED Panels need to be installed onto a weight-bearing substrate or framing. LED panels are delivered with pre-fabricated counter-sunk holes for mounting. LED panels are screwed directly into weight-bearing substrate/framing.

Handling Advisories

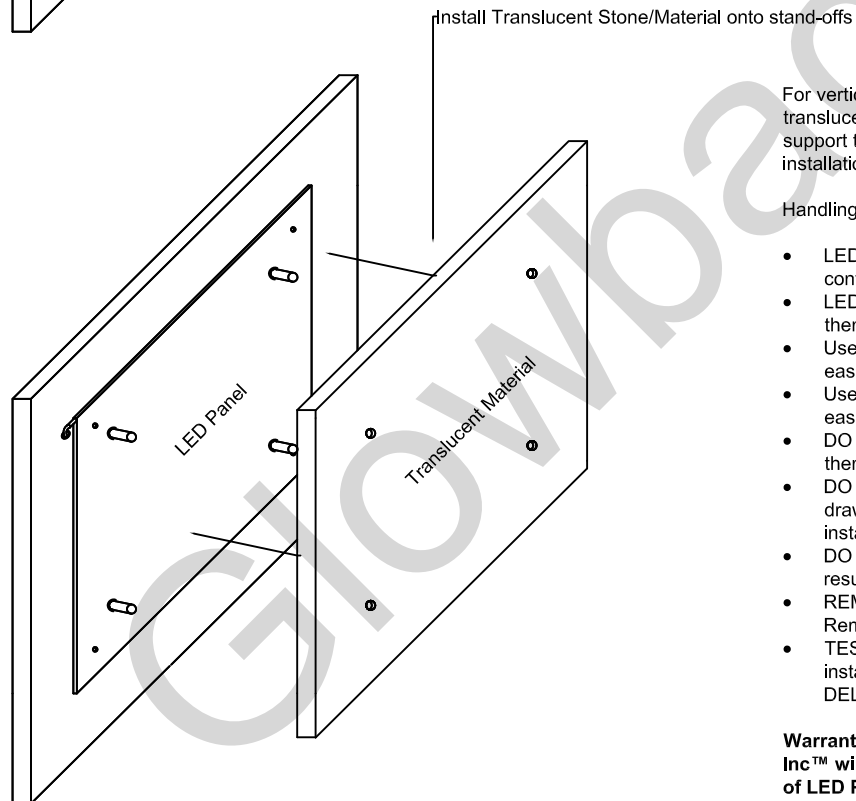
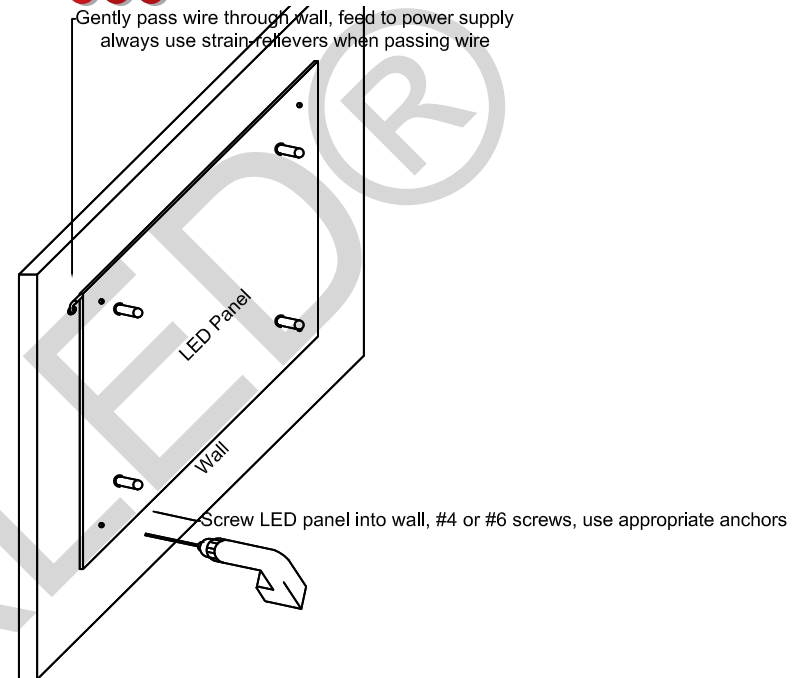
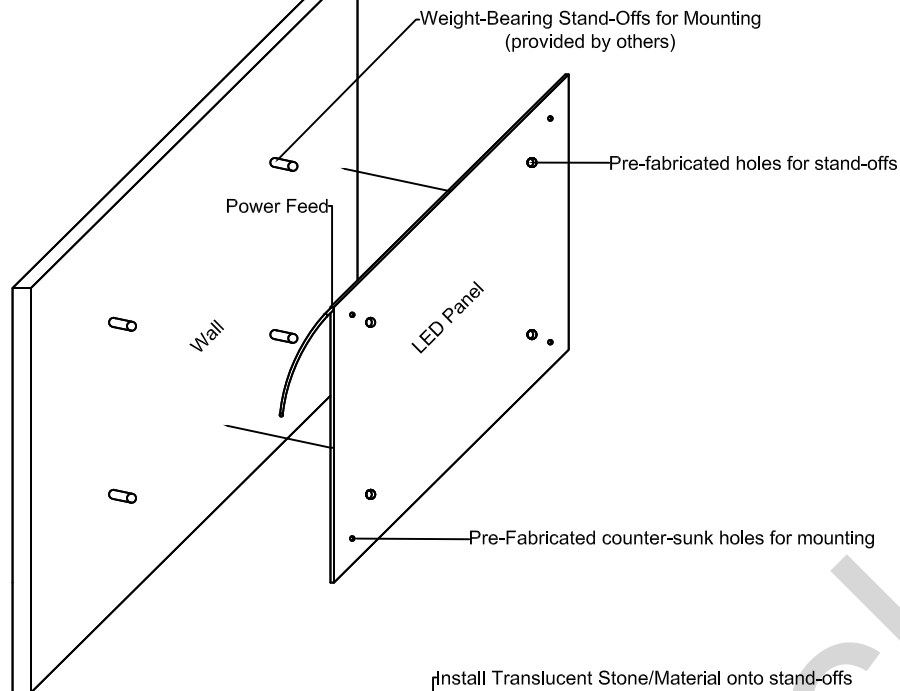
- LED Panels are intended to be installed by licensed and qualified electrical contractors.
- LED Panels are low-voltage luminaires and require a transformer. DO NOT plug them directly into 120VAC.
- Use care when handling and installing LED panels, LED panels are delicate and are easily damaged if handled without care.
- Use care when handling wires. They are the weakest-link on LED panels. Wires are easily damaged if forced or bent beyond product limitations.
- DO NOT allow LED panels to flex or bow when lifting or transporting them. Allowing them to bend will damage the internal lighting components.
- DO NOT DRILL/CUT: LED panel projects require precise measurements and drawings. We fabricate LED panels with all the necessary modifications for installation.
- DO NOT USE ADHESIVES: Use of adhesives is strongly discouraged and can result in uneven lighting. Alternative mounting methods can be engineered.
- REMOVE PROTECTIVE FILM: LED Panels are delivered with protective film. Remove protective film before installing translucent materials.
- TEST BEFORE FINAL INSTALLATION: Test operation of LED Panels before installing translucent material. ALL LED PANELS ARE TESTED BEFORE DELIVERY.

Warranty becomes void if any of the above precautions are not followed. Bluegate Inc™ will not be responsible for damaged caused by improper use and installation of LED Panel lighting systems.



INSTALLATION GUIDE

LED PANELS | STAND OFFS 1



For vertical wall installations LED panels cannot be used to bear the weight of the translucent material being back-lit. A weight-bearing solution needs to be implemented to support the material. Stand-offs are a popular solution. Follow the procedure for your wall installation.

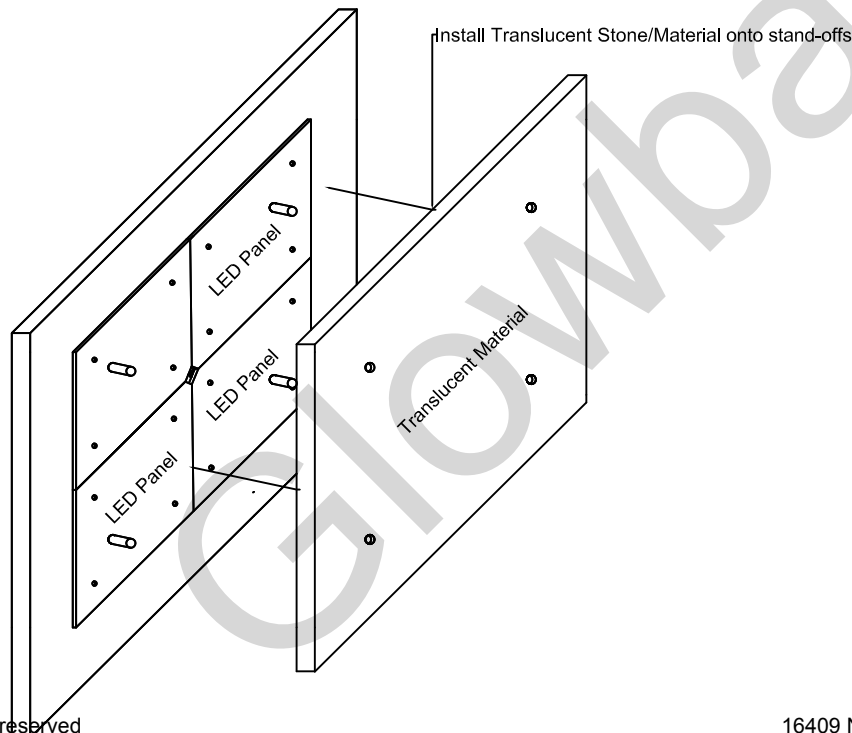
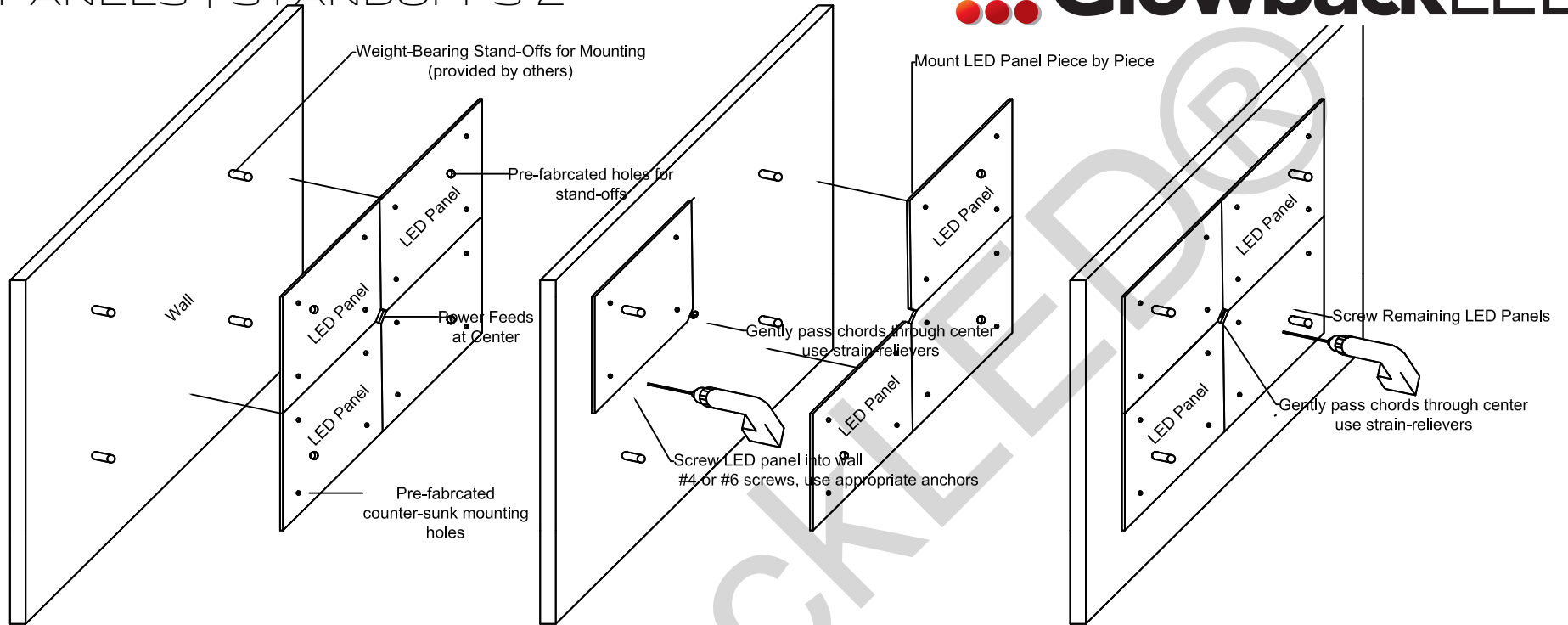
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INSTALLATION GUIDE

LED PANELS | STANDOFFS 2



For vertical wall installations LED panels cannot be used to bear the weight of the translucent material being back-lit. A weigh-bearing solution needs to be implemented to support the material. Stand-offs are a popular solution. Follow the procedure for your wall installation.

Handling Advisories

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1. Select the configuration appropriate to your project below.
2. Connect LED Panels to Class-2 power supplies. Follow wiring instructions provided by power supply manufacturers.
3. Check that all connections were made correctly, verify correct DC polarity (+,-)
4. Turn power on. Verify that lights are operating correctly and that wire/connectios are secure and out of reach
5. Turn Off Power when LEDs are not in use.

