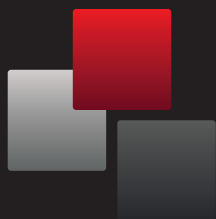


Basalt & LIGHTS

2019

INSTALL AND ELECTRICAL GUIDE



EMPEROR STONE
IMPORTS & TRADES LTD.

This guide is made to showcase our recommended install methods. The methods in this guide are for reference only and are not the only valid methods. Emperor Stone acknowledges that not everyone's situation is the same and these methods may not be ideal in all cases. This guide is simply meant to give you an idea of what to do in best case scenarios.

An experienced landscaper will know how to ensure maximum security and stability on every terrain.

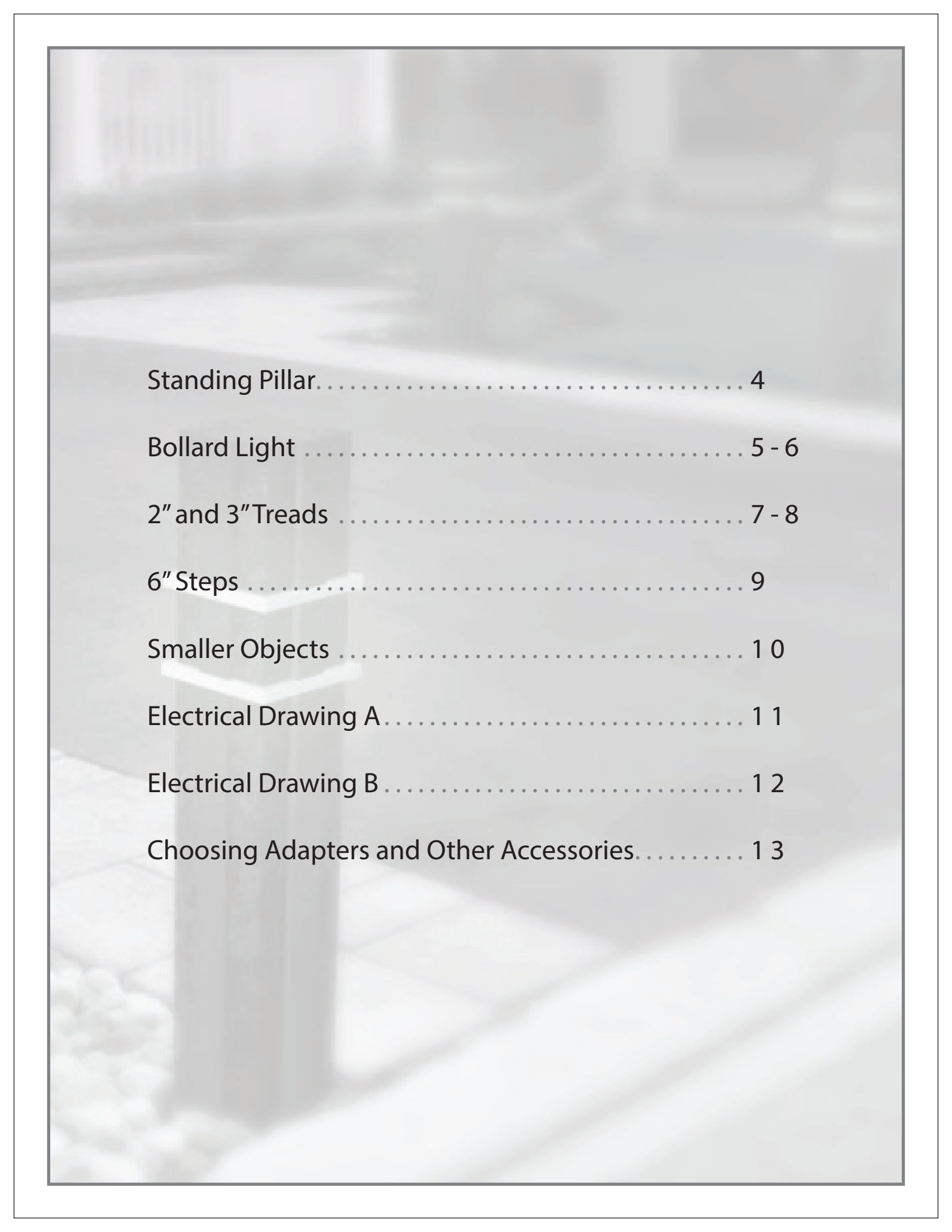
We insist that you have a certified electrician perform all electrical work e.g. wiring and connection to the light source as well as placement and connections to transformer and power source. This will guarantee maximum efficiency, functionality and longevity of the product.

Please feel free to contact us with any questions or concerns about your project.

Basalt **LIGHTS**



EMPEROR STONE
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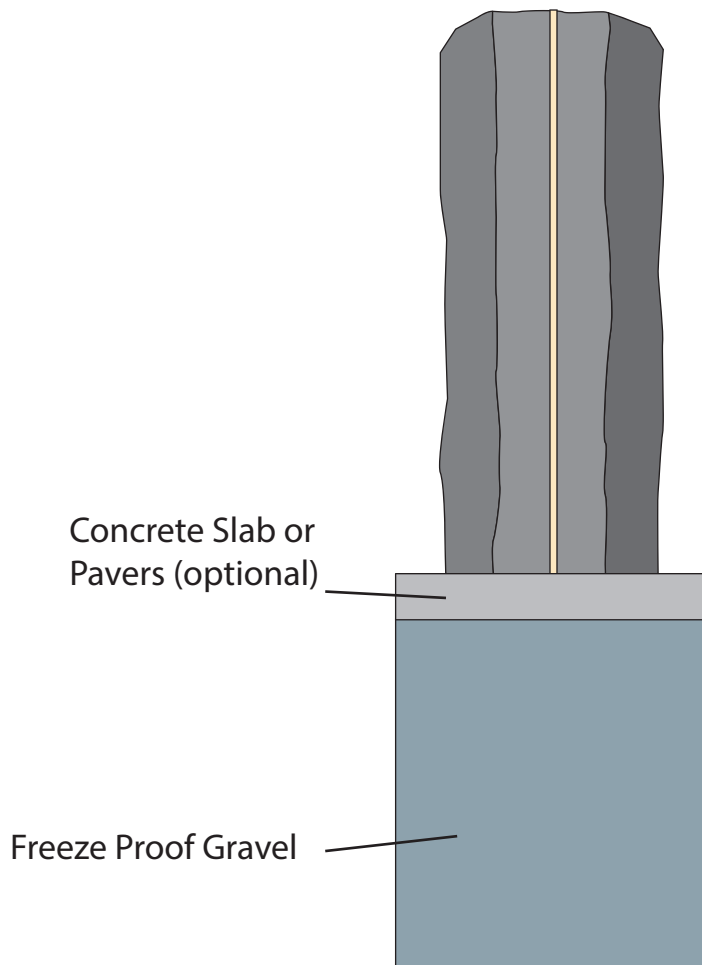
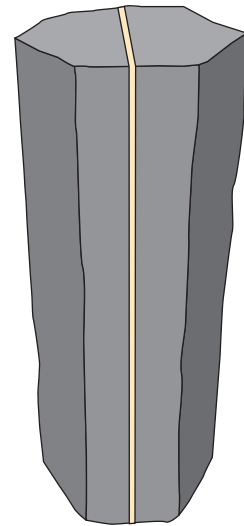


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SIGRUN - VILBORG

Standing Pillar Install

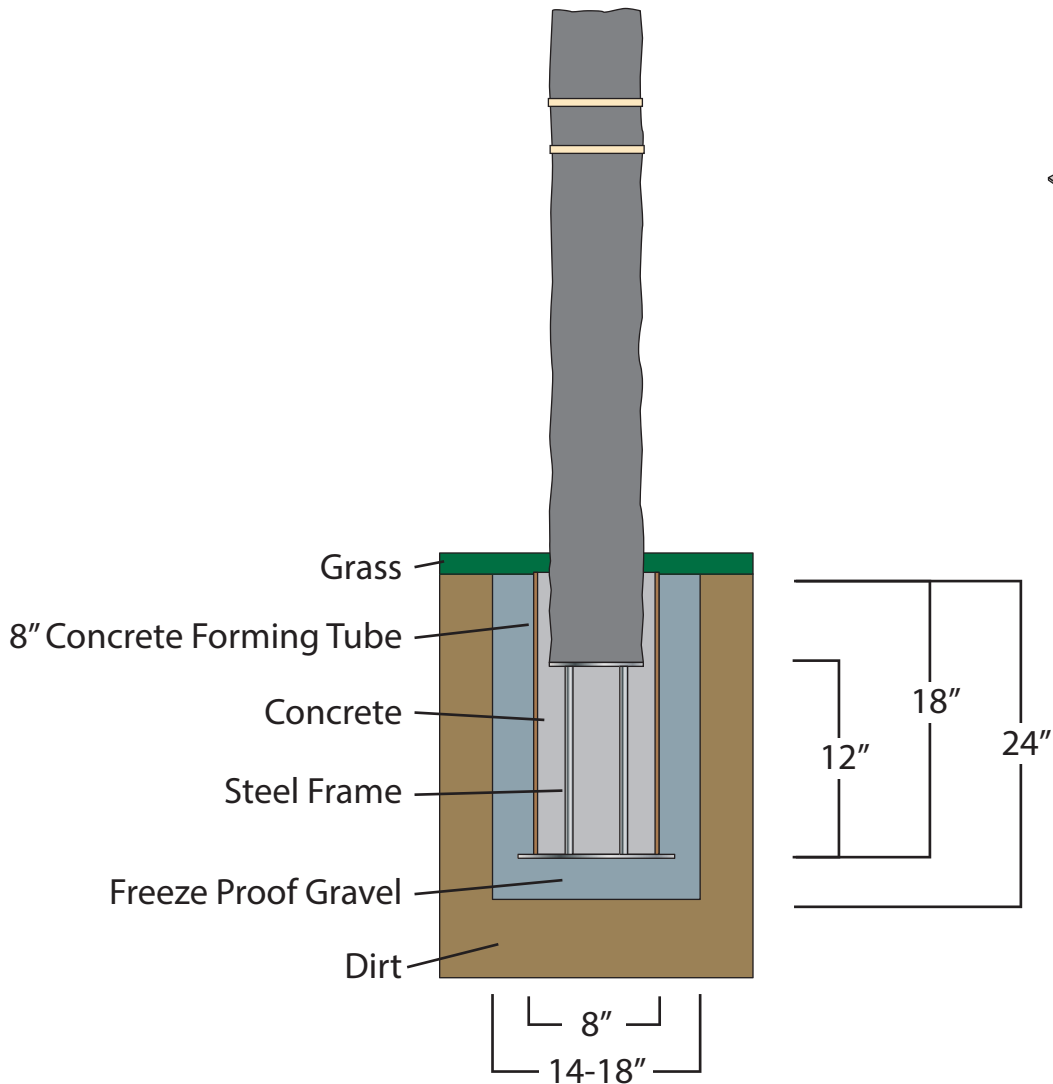
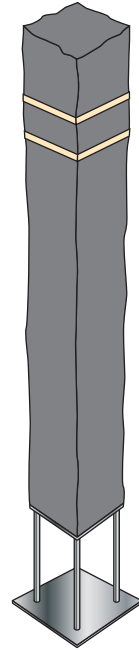
Standing pillar comes with the bottom cut level. It can be set straight down onto a level permanent surface. Surface can be either concrete, asphalt, pavers or compact freeze proof gravel. Electrical wiring comes about 2" from bottom corner of plexiglass casing.



AGUSTA - ASLAUG - RUNA

Bollard Light Install Method A

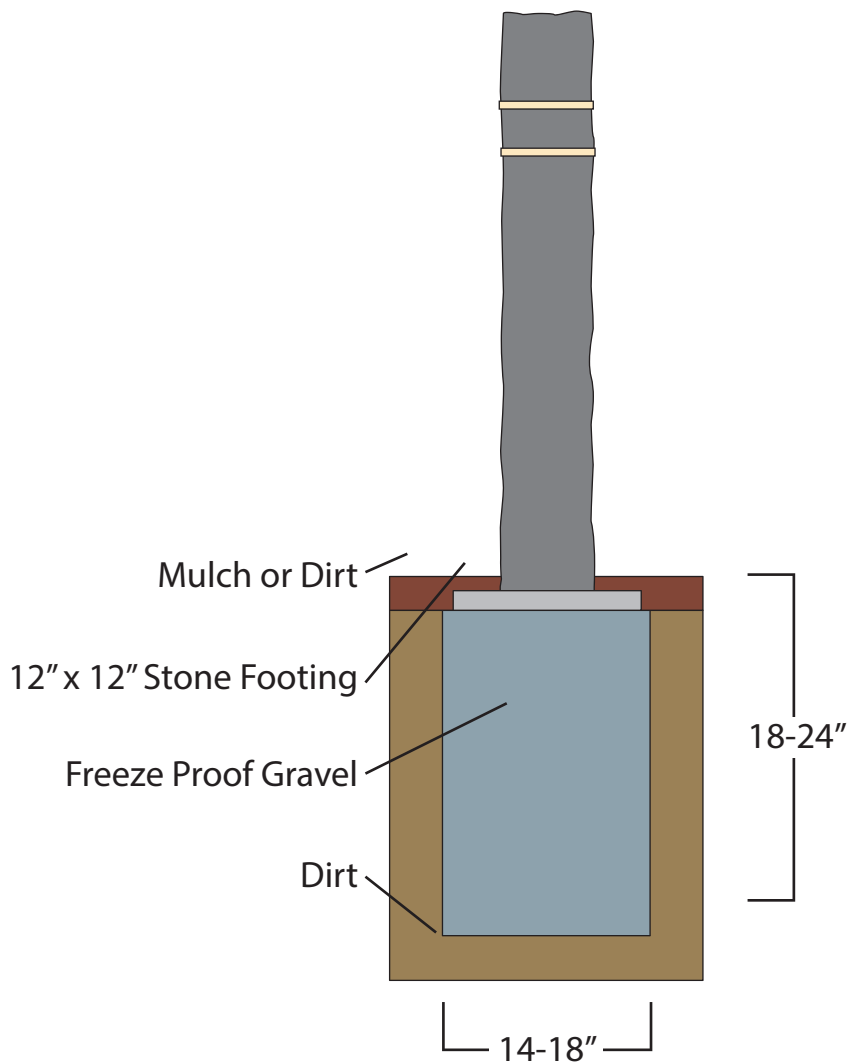
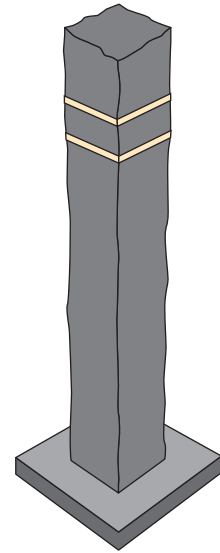
Bollard Light comes with attached steel frame. This is intended for permanent secure install. Dig an 18" wide by 24" deep hole. Insert an 8" concrete forming tube. Sink the whole steel frame and approx. 6" of the stone down the tube. Pour concrete down the tube until full. Fill around the tube with freeze proof gravel. Wiring comes from bottom of stone and should be pulled through a small hole on the tube.



AGUSTA - ASLAUG - RUNA

Bollard Light Install Method B

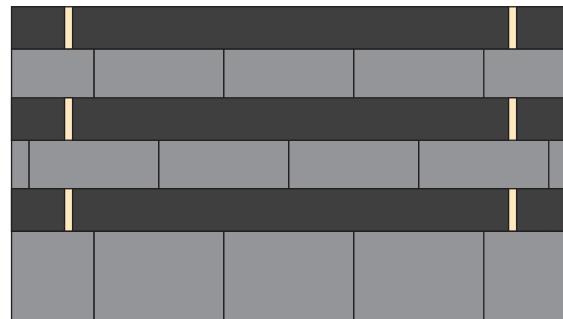
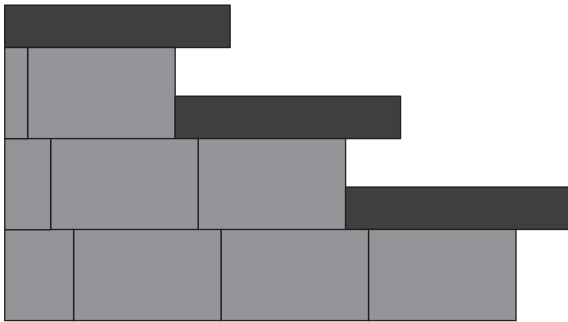
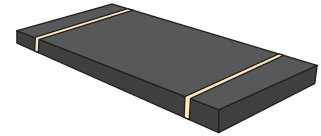
Bollard Light comes with an attached 12"x12"x3/4" stone plate. Dig away loose dirt and replace with either a concrete pad or freeze proof gravel and secure fixture on top. Hide stone plate with grass, mulch or something similar. Wiring comes from above the plate.



SIGRID - DAGNY

2" and 3" Treads Install on steps

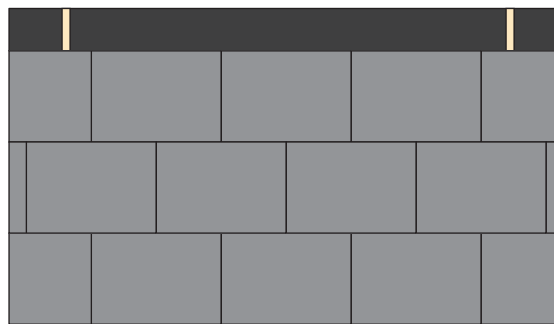
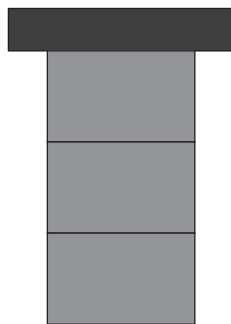
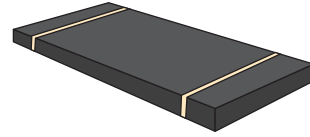
Treads should be secured on top of blocks using either concrete or concrete glue. Overhang should not exceed 4" on any side and glue surface should ideally be at least 8". Steps should have a very slight forward tilt to avoid pooling. Wiring will come from bottom back side and needs to be directed through the blocks for connections.



SIGRID - DAGNY

2" and 3" Treads Install on Retaining Wall

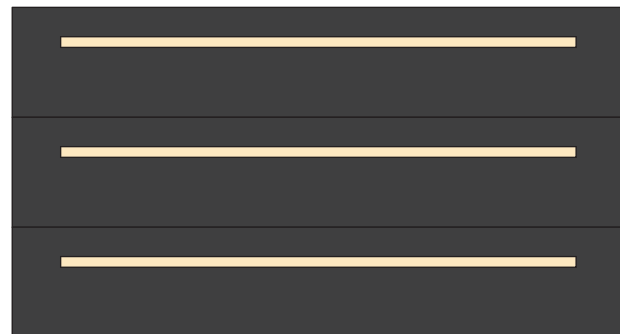
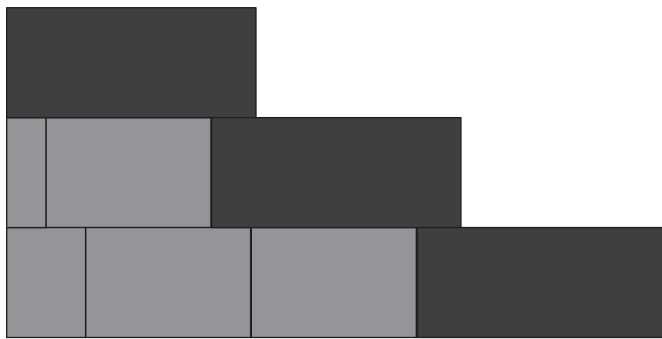
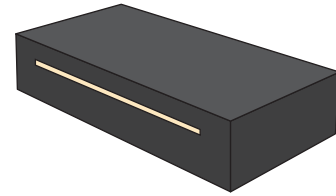
Treads should be secured on top of blocks using either concrete or concrete glue. Overhang should not exceed 4" on any side and glue surface should ideally be at least 8". Wiring will come from bottom back side and can be tucked in a trench along the backside of the wall.



LINDA - INGA

6" Steps

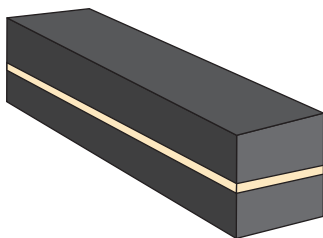
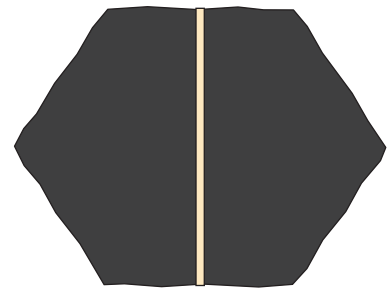
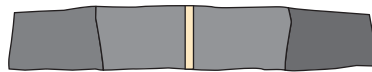
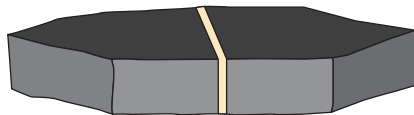
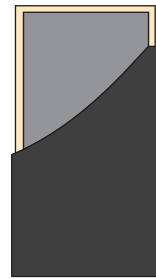
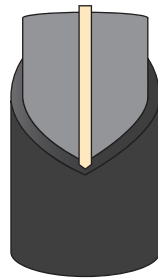
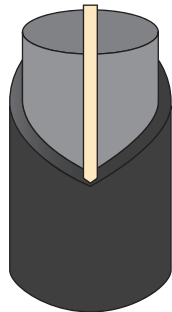
Steps should be stacked on stable underlay such as cinder blocks or compact gravel. Steps should have a very slight forward tilt to avoid pooling. Wiring will come from back side and will need to have a trench or clear path for connections.



TOVE - BODIL - SASSA - ALFHILD - THORA

Free-standing Products

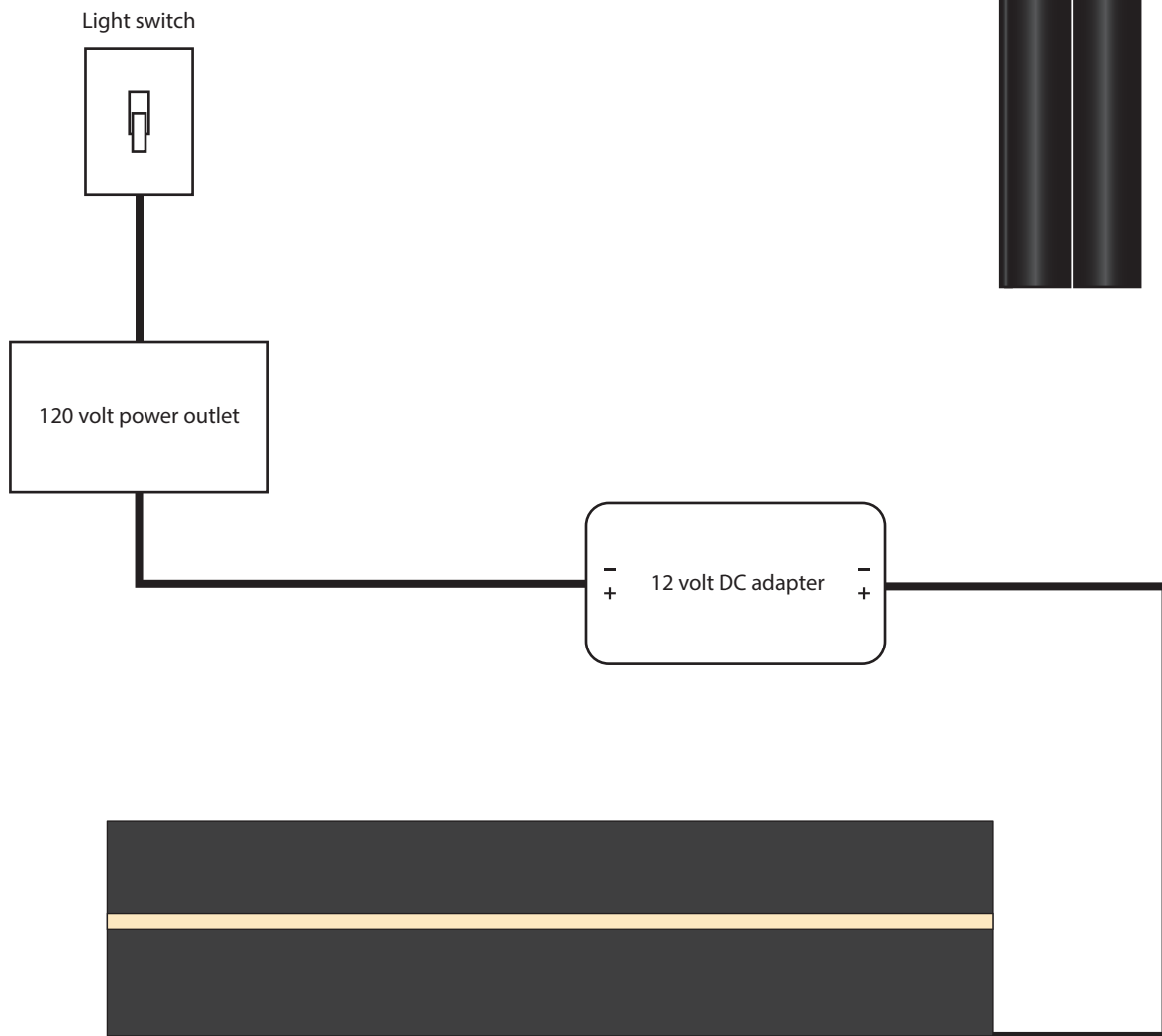
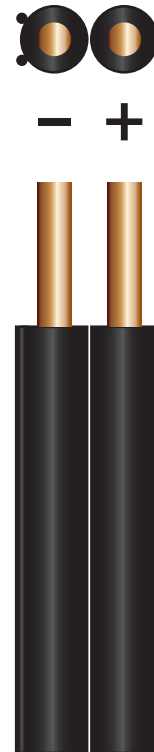
All of these products can go anywhere from standing on concrete paths to dirt or mulch flowerbeds. It is not recommended to fasten these smaller items permanently down because they most of the time need to be accessed from the bottom to change lights. Wiring will come from bottom corner and can be dug in a trench in softer ground.



Electrical Drawing A

Single colour (white) lights

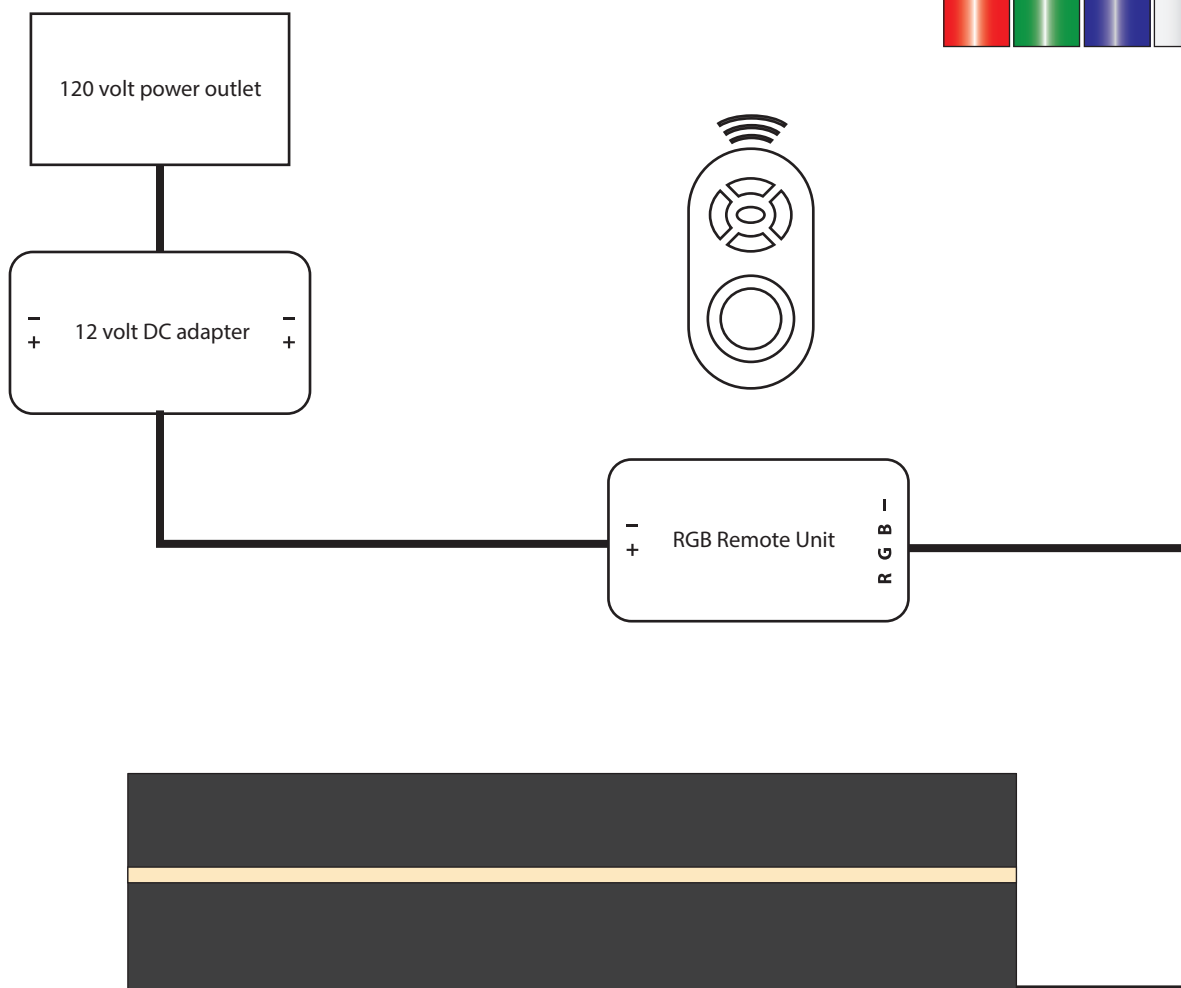
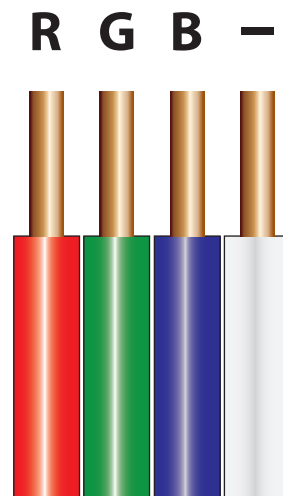
Connect wire to a 12v AC adapter large enough to handle your total wattage. Multiply your total feet of lights by 3 to know your total wattage. The adapter can then either be plugged into a power outlet that's controlled by a light switch or connected straight to a power source with a light switch. We always recommend hiring an electrician a professional solution.



Electrical Drawing B

RGB (colour changing) lights

Connect wires to their matching colours on the RGB remote unit. Then proceed to connect the unit to a 12v AC adapter large enough to handle your total wattage. Multiply your total feet of lights by 3 to know your total wattage. The adapter can then either be plugged into a power outlet that's controlled by a light switch or connected straight to a power source with a light switch. We always recommend hiring an electrician a professional solution.



Choosing adapters, wires and connectors

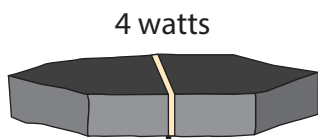
There are many different adapter options. From having automatic functions via sensors or timers to simply being able to flick a switch. For this reason we DO NOT carry nor suggest any specific brand. However we urge you with extreme importance to make sure your adapter is large enough to handle the amount of lights you have.

ATTENTION - make sure to use gel filled waterproof connectors for all of your connections. We can supply all wires and connectors.

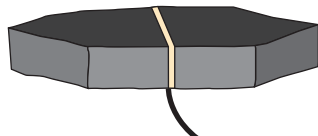
12v AC adapter

Lights total wattage is 48W we recommend a 60W adapter.

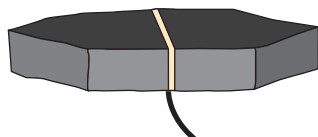
12/2 landscape lighting wire. Be sure to leave enough slack for all connections and bury the wires 6-8 inches.



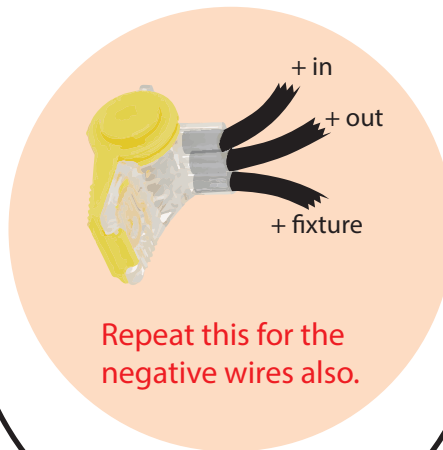
4 watts



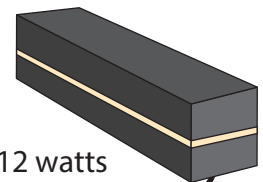
4 watts



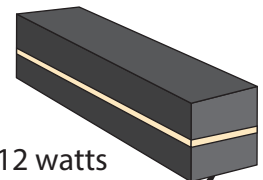
4 watts



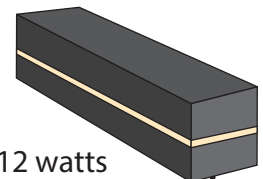
Repeat this for the negative wires also.



12 watts



12 watts



12 watts



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