



Vigilant Wine Cellar LED Accent Lighting

Please read these instructions carefully before you begin assembly and check the contents of your kit against the parts list below. You may call toll free 888-812-4427 if you have any questions or problems.

The layout of your lighting involves some forward thinking before you install your custom or kit/custom wine cellar.

The Planning Process:

Step 1

Determine where you want accent lighting in your cellar, based on your racking layout and where your 110v power source is located.

Step 2

Determine where you can have or want 110v outlets to supply power to your low voltage driver, as well as your light switch and dimmer.



Your accent light and power source locations will determine your wiring path, component needs and installation requirements.

Step 3

Create your lighting plan by evaluating your Vigilant floor plans and elevations, as well as, your site conditions. Please refer to Diagram 1 for a sample elevation

- Determine the number of accent lighting kits you will need. Each kit will illuminate approximately 10-12 ft.
- Determine which areas of your cellar you want accented and which ones you prefer to remain unlit.

Step 4

After all wine racking has been properly installed, run your accent lighting wires, track and driver according to your lighting plan.

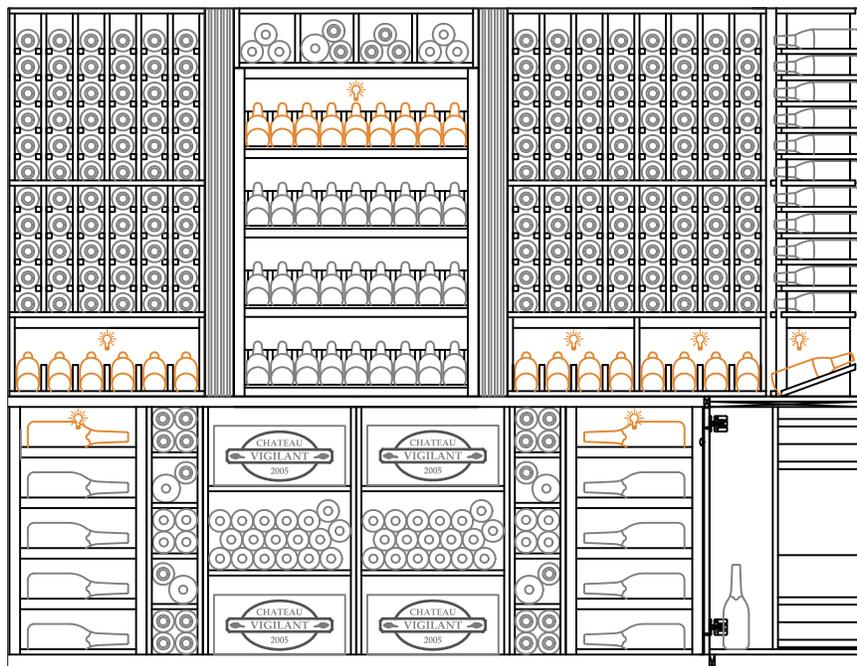


Diagram 1

 - Lighting Locations

You are now ready to tackle the installation.



Vigilant Wine Cellar LED Accent Lighting

Pre-Installation / Preparation:

The installation of your Vigilant LED accent lighting is not hard, but does require certain tools and steps for successful completion.



Tools Required for Assembly:

Cordless Drill
3/8" Brad Point Drill Bit
Hot Glue Gun or Double Stick Tape
Phillips Screw Tip w/ Extension
Wire Strippers
Electrical Tape
Tin Snips or Hand Saw
Wire Nuts (optional)



Parts List:

(1) 25' Low voltage wire
(2) 4' Black valance
(3, 6 or 12) .625 watt bulbs
(1) 60 watt 0 load driver
(1) Halogen plug adaptor
(3, 6, or 12) Bulb holders
(16) 3/8" #4 Phillips screws

Your low-voltage display lighting installation can be better hidden by running some of the low voltage wire behind your sheathing. While this is preferred, it is not necessary. If chosen, this must be done prior to sheathing or wall board. If possible, run your wires to an adjacent utility room and complete the transformer wiring there.



Do not connect low-voltage lighting to your power source until all installation steps are completed.

Installation:

Step 1 - Planning

From the planning layout you should have determined the exact lighting locations and power source(s). Please see Diagram 1 on planning page for sample elevation of wine cellar with accent lighting.



In most applications, one .625 watt fixtured bulb will adequately illuminate a 20" wide area, approximately 4-5 bottles.

Step 2 - Cutting the valance

Cut the black plastic valance to the proper length for the lighting area (i.e. the width of the cabinet or display row), using a small hand saw or pair of tin snips. Diagram 2 shows the use of tin snips to cut the valance.

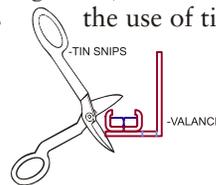


Diagram 2

Step 3 - Installing the valance

Screw the valance to the inside top of the cabinet or rack support as shown in (Diagram 3). Repeat this step for all the lighting valance in your cellar.



It might be necessary to drill additional 1/8" holes into the valance to better accommodate your screw locations.



Valance and lighting attached to the inside roof of a wine locker.



Valance and lighting attached to the inside roof of a custom cabinet.



Valance and lighting attached to the underside of a display row.

Diagram 3



Step 4 - Low-voltage wire map

Map out the path your low-voltage wire will travel from the farthest point back to the location of your driver.

Step 5 - Running the wire

Begin running your wire by pressing it into the track of the valance. It will be necessary and advisable to drill holes in ladder uprights, cabinet sides, and beam supports to accommodate the path of the wire and to keep it hidden from view.



Display lighting looks best when the wires and the accent lights are hidden from view. Vigilant strongly recommends the use of cabinets and bins to hide the driver and/or wires.

Step 6 - Connecting the driver

Strip the wire and connect the wire to the input on the driver.



Remember - Do not plug the driver in until all steps are complete.



Running the wire through your racks will be easier if you use the wire cutters to make a point at the end of each wire and tape it off with electrical tape.

Step 7 - Connecting bulb holders

Determine where you want each individual light. Vigilant lighting kits are so versatile they allow you the ability to attach the lights anywhere on the valance. Mount the bulb holder with reflector towards the wall and press firmly onto the track of wire until it clicks into place. Repeat this step for all fixture locations.



Remember - All individual components come with individual assembly instructions. Please read each for additional accent lighting kit assembly instruction.



In most applications, one .625 watt fixtured bulb will adequately illuminate a 20" wide area, approximately 4-5 bottles.

Step 8 - Connecting the bulbs

Install the bulbs on the holders by hooking the loops at the ends of the bulb onto the fixture prongs.



Avoid touching the bulbs with bare hands as the oil from hands will reduce the life of the bulb.



*enjoy!
Vigilant LED accent lights use low .625 watt LED bulbs which will not raise the temperature of your wine.*

Step 9 - Final connections

Check that each part of the fixture is securely in place. Connect the driver to your 110v power supply. Recheck the locations of your lights to make sure that your racks have the proper illumination. Make any necessary adjustments if necessary...



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Questions?

Please contact our Customer Service Department
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Arch Top Lighting Installation - (If Applicable)



Tools Required for Assembly:

Cordless Drill
3/8" Brad Point Drill Bit
Hot Glue Gun or Double Stick Tape
Phillips Screw Tip w/ Extension
Wire Strippers
Electrical Tape
Wire Nuts (optional)



Parts List:

(1) Vigilant accent lighting kit
(9) Mahogany replacement slats
(18) Slat screws

Step 1 - Removing Slats

Identify the slats you need to remove (see Diagram 6 or 7), and carefully remove by pulling off with pliers.



Remember, you will need to drill an escape hole, (step 6) in your arch top, for the wire to come out.

Step 2 - Lighting Kit Setup

Follow the lighting kit instructions to begin setting up your lighting kit for use in your arch top. You will need to leave extra wire off of the end of the valance to thread through the drilled escape hole.

Step 3 - Positioning the Valance

Starting at the right side of the arch top opening, bend the valance and slide it underneath the slats. Position it flush to the underside of the arch top roof (see Diagram 6 or 7).

Step 4 - Attaching the Valance

Using your drill and screw gun, attach the valance to the arch top roof above the three openings with the supplied screws from your lighting kit.

Step 5 - Drill your Escape Hole

Drill your wire escape hole through the roof or side of the arch top and thread the extra wire from the valance through from Step 2.



For additional installation assistance on steps 6 through 8, refer to the installation instructions for the LED lighting kit.

Step 6 - Attaching Bulb Holders and Bulbs

Attach your bulb holders and your bulbs to the valance at each of the three slat openings in the arch top.

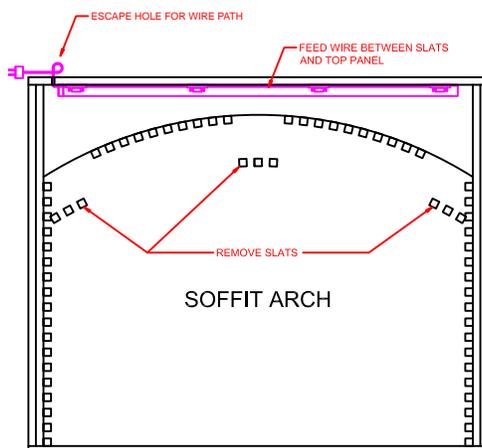


Diagram 6

Soffit Arch Slat &
Escape Hole Locations

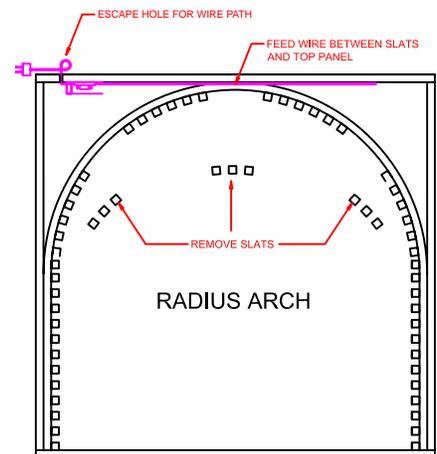


Diagram 7

Radius Arch Slat &
Escape Hole Locations



Step 7 - Connecting the Driver

Connect the driver to the assembly and install the switch if desired.

Step 8 - Lighting Kit Check

Plug the driver into the power source and check that all fixtures properly illuminate. Change bulbs out if necessary.

Step 9 - Re-attaching Slats

Attach the conversion slats to the arch top in the original locations using the supplied screws.



You may want to pre-drill the arch top for easier installation.



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