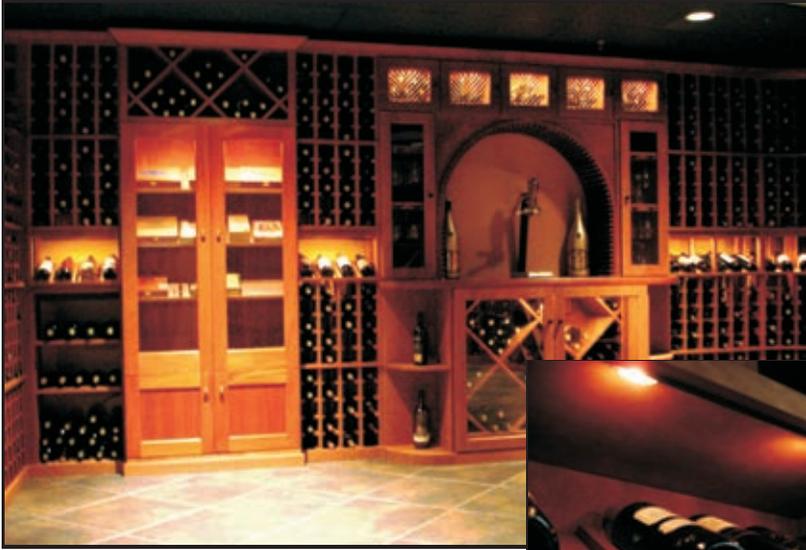


# Vigilant Wine Cellar Display Lighting



Introducing Vigilant display lighting kits. Display lighting gives your wine cellar a classic look and really adds to the aesthetic value of your fine wine collection. We have done extensive research to come up with lighting that works best with our custom wine cellar racks. Read on to learn how Vigilant display lighting can work for your wine cellar.



## Vigilant Lighting Tips

Look for this bulb while exploring our lighting kits. When you see it, read our handy tips designed to help you learn more about how Vigilant lighting kits are designed to make your wine cellar come to life.



## Advantages of Vigilant Display Lighting

- ✓ Vigilant display lighting is highly flexible and can be utilized throughout your entire cellar to accent your fine collection of wine.
- ✓ Display lighting comes complete in kits that are ready for immediate installation.
- ✓ The lighting kits are low voltage and can be connected to a switched outlet with a dimmer.
- ✓ One full kit can light approximately 10' - 15' in your wine cellar.
- ✓ Full installation instructions provided.

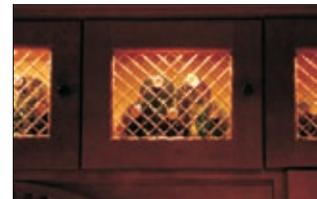
Vigilant Display Lighting is perfect for accenting your...



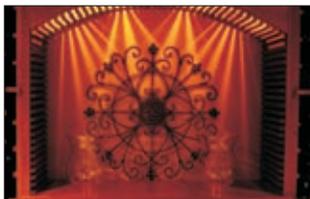
High Reveal Display Rows



Cabinets



Wine Lockers



Arch Tops



Custom Displays



Valance Lighting

To learn more about building a custom or kit/custom wine cellar, contact a Vigilant design consultant today at 888-812-4427, or visit us at [www.vigilantinc.com](http://www.vigilantinc.com) to learn more about accent lighting.



## Vigilant Wine Cellar Display 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. All Vigilant display lighting is designed to be installed by a certified electrician.

*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 display 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 transformers, as well as your light switches and dimmers.



*Your display 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 display lighting kits you will need. Each display 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 display lighting wires, track and transformers according to your lighting plan.

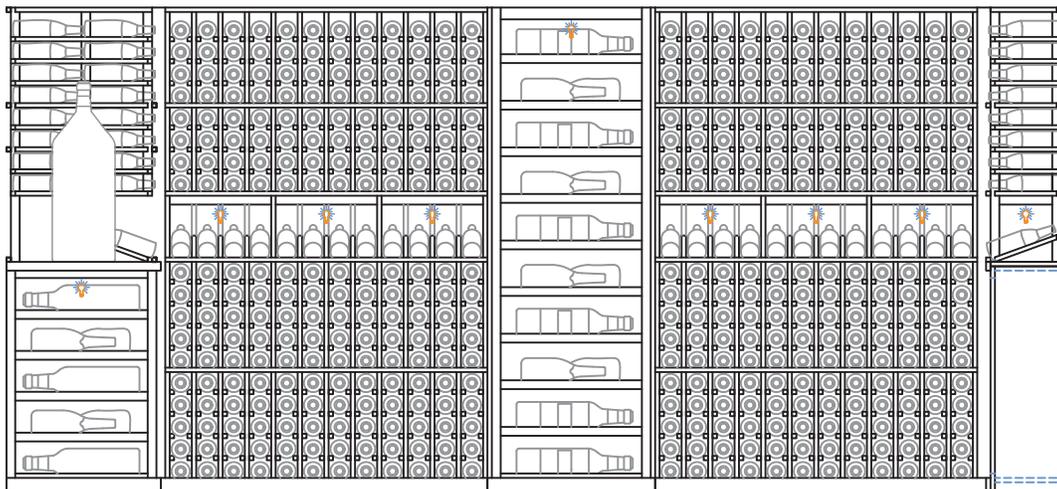


Diagram 1

ACCENT DISPLAY  
LIGHTING 

*You are now ready to tackle the installation.*

*Protecting Your Passions*



## Vigilant Wine Cellar Display Lighting

### Pre-Installation / Preparation:

The installation of your Vigilant display 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**  
**(10) 10 watt Clear bulbs**  
**(1) 60 watt Transformer w/ switch**  
**(1) Halogen plug adaptor**  
**(6) 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 display lighting.



*In most applications, one 10 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.

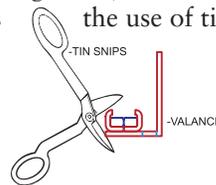


Diagram 2

#### **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 transformer.

#### **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 display lights are hidden from view. Vigilant strongly recommends the use of cabinets and bins to hide transformers and/or wires.*

#### **Step 6 - Connecting the transformer**

Using the enclosed connector and supplied component directions within the package, strip the transformer wires and connect the wires to the 12volt leads on the transformer.



*Remember - Do not plug the transformer 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 display lighting kit assembly instruction.*



*In most applications, one 10 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 snapping the two ends of the bulb into the bulb contacts.



*Be careful not to press on the glass of the bulb as this may cause it to break.*



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



*Vigilant display lights use low 10 watt clear halogen 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 transformer to your 110v power supply by installing the plug and plugging into your outlet. Recheck the locations of your lights to make sure that your racks have the proper illumination. Make any necessary adjustments if necessary...enjoy!



## 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 display 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

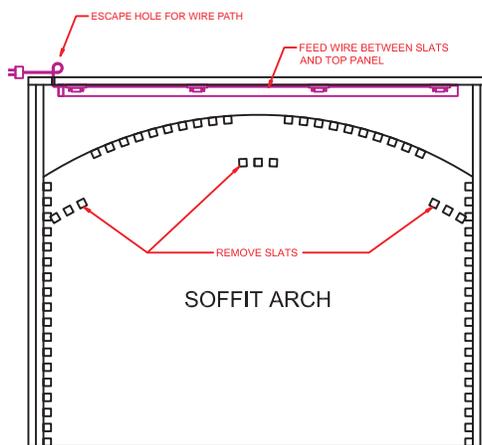
Drill your wire escape hole through the roof or side of the arch top and thread the extra wire from the valance through from Step 2.



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

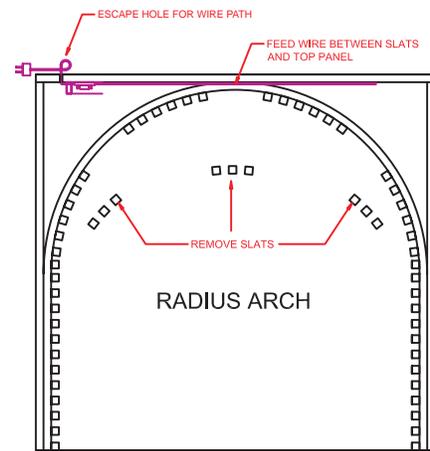
### Step 6 - Attaching Bulb Holders and Bulbs

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



Soffit Arch Slat &  
Escape Hole Locations

Diagram 6



Radius Arch Slat &  
Escape Hole Locations

Diagram 7



**Step 7 - Connecting the Transformer**

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

**Step 8 - Lighting Kit Check**

Plug the transformer 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.*

  
*Additional installation questions?*  
*Contact us:*

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