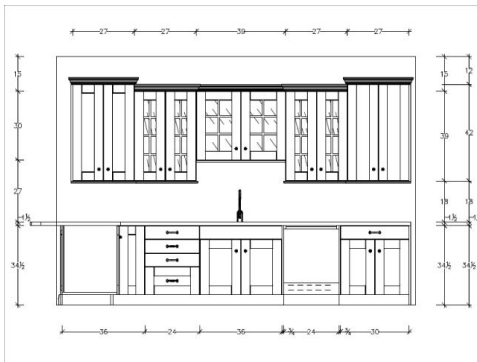
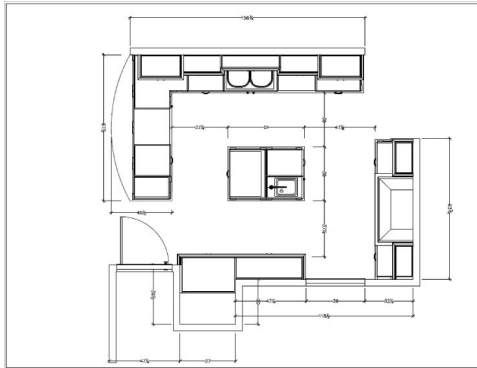


Tape Lighting

If the customer has hired a dedicated contractor to do the installation, typically the contractor has his own particular way on installing. You may want to talk to him to find out how he wants to wire for the tape lighting. You want to minimize having to have the customer return to exchange parts.



Step 1 Evaluate

Start with an architectural and/or an elevation plan with measurements. If the customer does not have sketches, ask them to measure.

These plans will help you figure out not only how many feet of tape you will need, but also where you plan to put the driver(s) and how many connectors and what kind will be needed.

Measure Twice, Cut Once

Decide where your customer wants to add the tape lighting and begin marking the architectural drawing. It's helpful to color code different pieces so it doesn't become confusing.



The red / pink in this diagram reflects pieces of tape. Make sure you figure at least a few extra feet of tape so they do not come up short and to account for errors.

The green in this diagram reflects where the power supplies will be located.

Step 2 **Measure & Calculate**

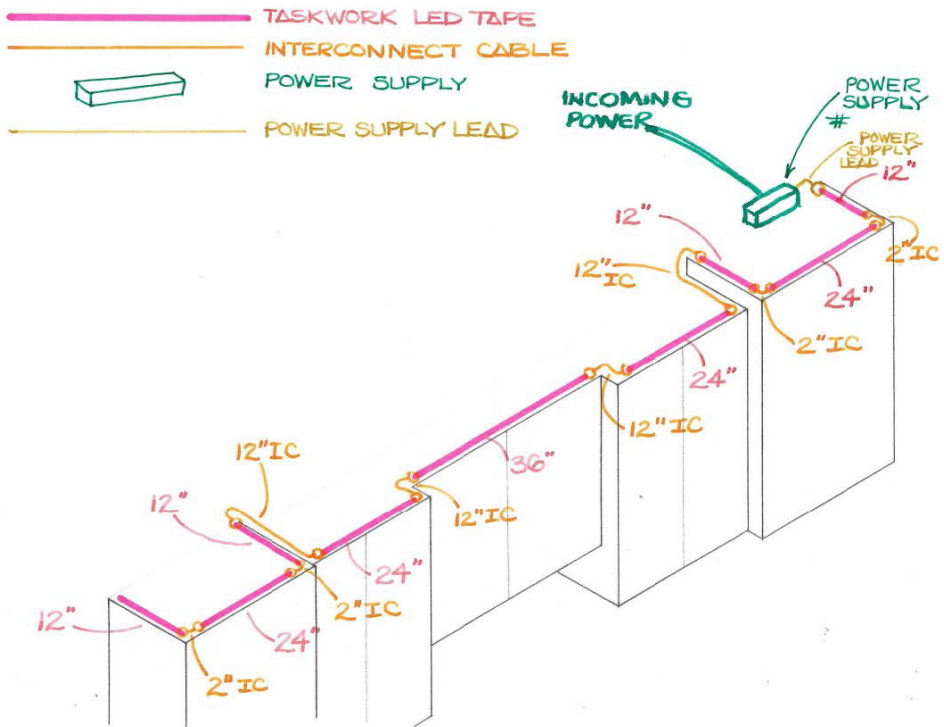
Take the total length of the tape light used and multiply by the power consumption listed in the catalog for the power supply.

For example, in this case for the above cabinet tape we figured, 12" + 24" + 12" + 24" + 36" + 24" + 12" + 24" + 12" = 180" or 15'0".

We then take that and multiply. Our power supply uses 1.45watts/ft. 15'0" x 1.45w/ft = 21.75w. This means our power supply must be more than 21.75 watts.

Tape Lighting

As previously mentioned, each brand has different available pieces from interconnect cables or 'jumpers' to transformers. For this example we are using the Kichler Taskwork LED Tape and accessories which is cuttable every 4 inches.



Above Cabinet Lighting

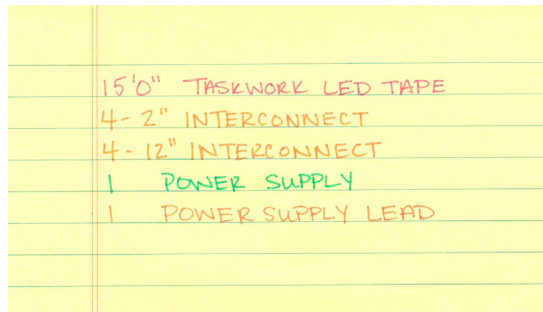
Since most customers like the ability to light each lighting source separately, we used a separate power source for the above cabinet lighting, the inside cabinet lighting and the toe kick lighting. This way, they can all be turned on independently.

Step 3a **Add accessories**

In this image, the pink illustrates the LED tape. The green indicates the incoming power and power supply.

The orange indicates the jumper cables needed to connect each standalone piece of tape. This enables all pieces to be powered from one power supply.

Above Cabinet Supply List

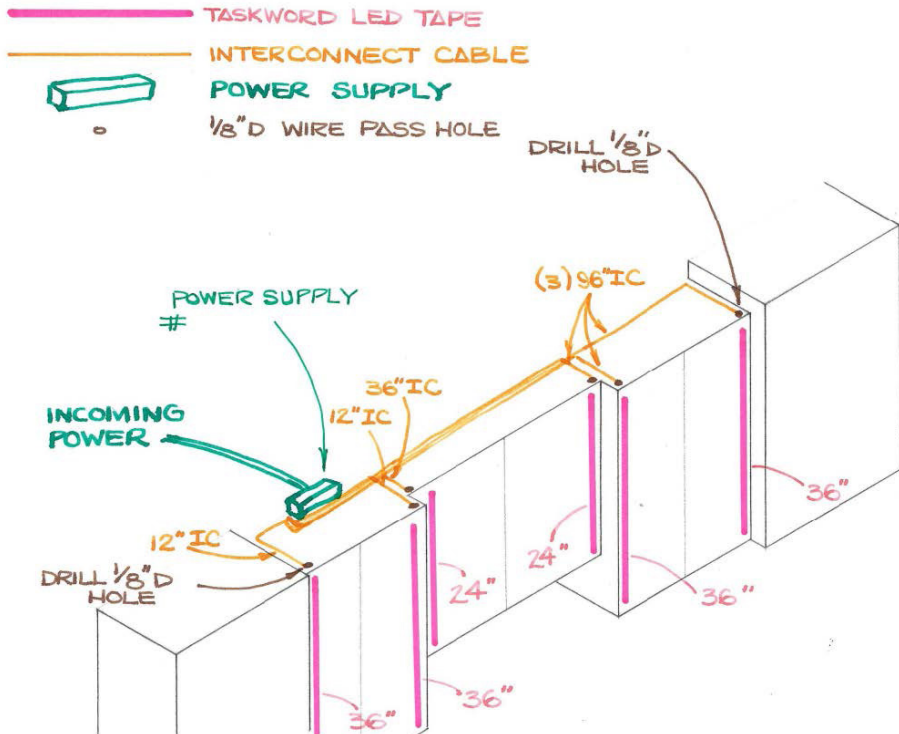


15'0"	TASKWORK LED TAPE
4- 2"	INTERCONNECT
4- 12"	INTERCONNECT
1	POWER SUPPLY
1	POWER SUPPLY LEAD

***Note: To prevent missing parts and pieces, try listing out each part number you are using and how many of each you need. This can also be done in a quote as you work so that when you are finished you have an estimate.

Tape Lighting

Puck lights work nicely for inner glass cabinet illumination. However, since we are doing upper cabinet and toe kick tape we want a cohesive look and matching color output. To stay cost-effective, we will only be lighting the outer sides of the cabinets.



Inside Glass Cabinet Lighting

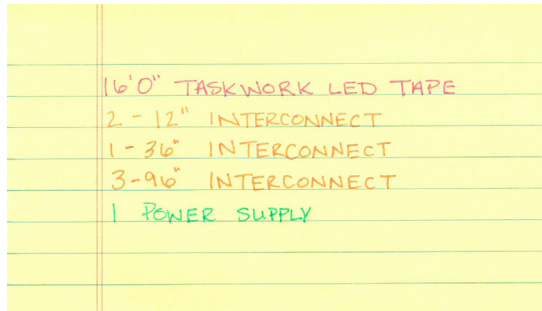
Make sure since the upper cabinet lighting also has a power supply mounted up above the cabinets to place the power supply in a different location.

Step 3b **Add accessories**

In this image, the pink illustrates the LED tape. The green indicates the incoming power and power supply.

The orange indicates the jumper cables needed to connect each standalone piece of tape. This enables all pieces to be powered from one power supply.

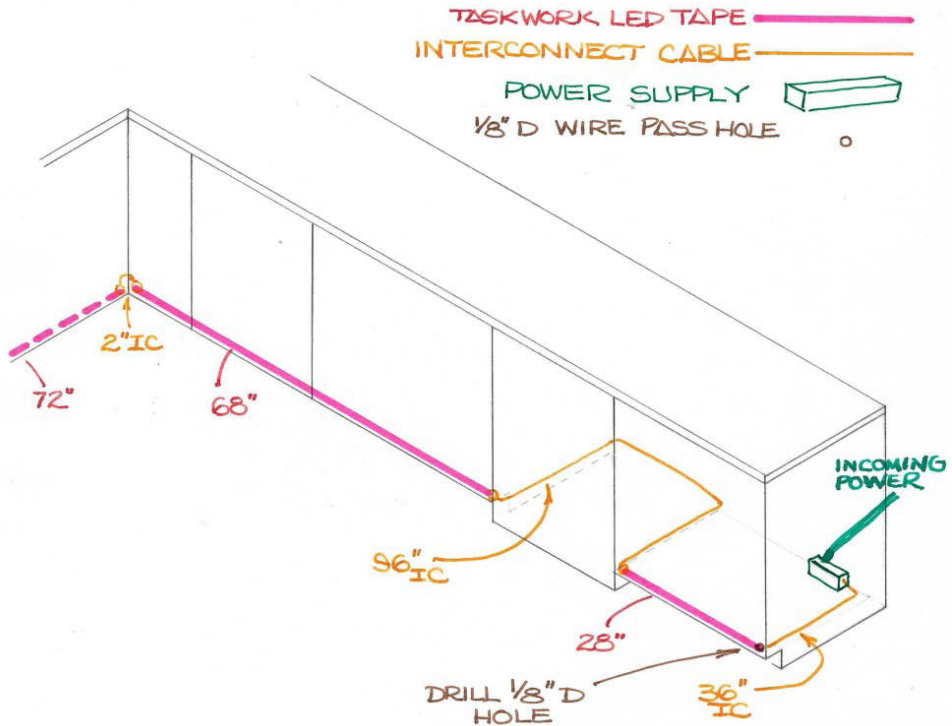
Inside Glass Cabinet Supply List



16'0" TASKWORK LED TAPE
2 - 12" INTERCONNECT
1 - 36" INTERCONNECT
3 - 96" INTERCONNECT
1 POWER SUPPLY

Tape Lighting

Toe kick lighting is fairly simple. Keep in mind is that you do not want to run tape or jumpers across the front of appliances. Make sure to select a jumper that is long enough to run around the back of any appliances like ovens, dishwashers and refridgerators.



Toe Kick Cabinet Lighting

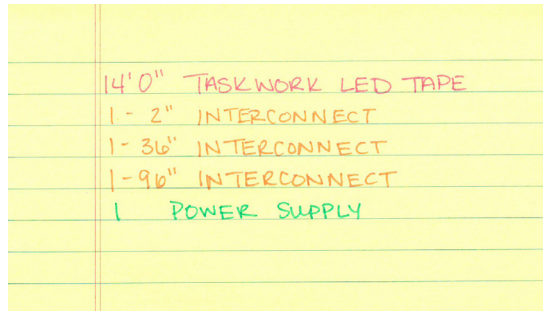
Typically the power supply for toe kick lighting is mounted in the bottom back corner of a far end of the cabinets. A small hole will be needed to pass power from the tape to the power supply.

Step 3c **Add accessories**

In this image, the pink illustrates the LED tape. The green indicates the incoming power and power supply.

The orange indicates the jumper cables needed to connect each standalone piece of tape. This enables all pieces to be powered from one power supply.

Toe Kick Cabinet Supply List



14'0" TASKWORK LED TAPE
1 - 2" INTERCONNECT
1 - 36" INTERCONNECT
1 - 96" INTERCONNECT
1 POWER SUPPLY

***Note: Track for tape lighting can be extremely helpful both for installation and a consistent look. If the tape is being mounted on wood or an uneven surface track can be very useful. If it is being mounted on a resin or smooth surface, track is likely not needed.