

Installation Layout Example





When measuring your house for Pixel Lights, you will need to decide which roof lines you want to have lights. The next step will be to determine where you are going to mount the controller. In this example I am going to mount it to the left of the front door. This will allow the extension cable to be run alongside the downspout to get to the upper level. In your diagram mark out where any outlets are. This will also help to determine the best location for your controller.

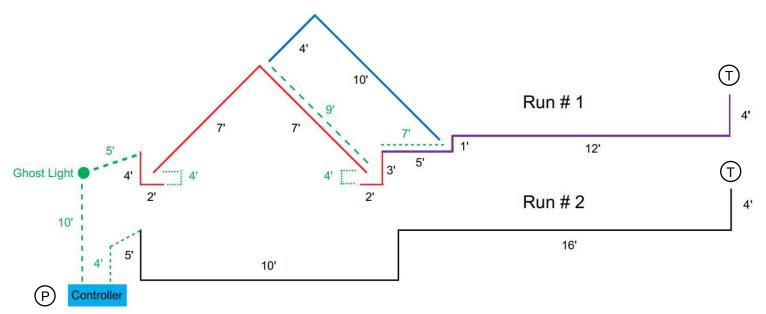




When planning your layout and measuring the different roof lines, break each area into sections. This will allow you to tally up all of the materials you will need to order to complete your installation. In this example I used different colors to show the different areas and to help visualize the lit and unlit sections.



Installation Layout Example



The diagram above shows a line drawing to represent the roof line of the house. Solid color lines for lights and dotted green lines for extension cables. The first section for Run #1 shows a 15' unlit run which is made up of a 5', 10' extension cable and a ghost light. The ghost light is needed if the length is over 10' in total.

Ru	n #	1			100			100				54				54		 -74					×-			-26					
S	ection	#	1			2			3		4			5			6		7		8			9			10		Ş.	Tota	I
Ligh	nts Lei	ngth				6					14				3		5				14				11		22			61	
0.75'	2.5'	6'					1			2		2					2			2		2				2	1	3	6	3	8
Exten	sion L	ength	1	5					4					4					9					7						39	
2'	5'	10'	1	1				2					2					2	1				2	1					8	3	1
Gh	ost Lig	ghts	1																											1	
Ru	n #	2																													
S	ection	#	1			2																							V.	Tota	1
Ligh	nts Lei	ngth				35																								35	
0.75'	2.5'	6'				2	5																						0	2	5
Exten	sion L	ength	4																											4	
2'	5'	10'	2																										2	0	0
Gh	ost Lig	ghts																												0	

The amount of punched track that you will need is the same as the total string length that you have calculated in the above table. We recommend that you add at least one extra 6' length of punched track. Also, you can order blank track for hiding extension cables. This is a common way to hide the extension cables coming from your controller.

At the end of each run of lights you will need to terminate the string. This is done with a Termination End. No cutting required, the end simply screws on to protect the string form exposure to the elements.

After filling out the Measurement work sheet, you can now carry over the amounts of light strings and extension cables you need to the Materials List.

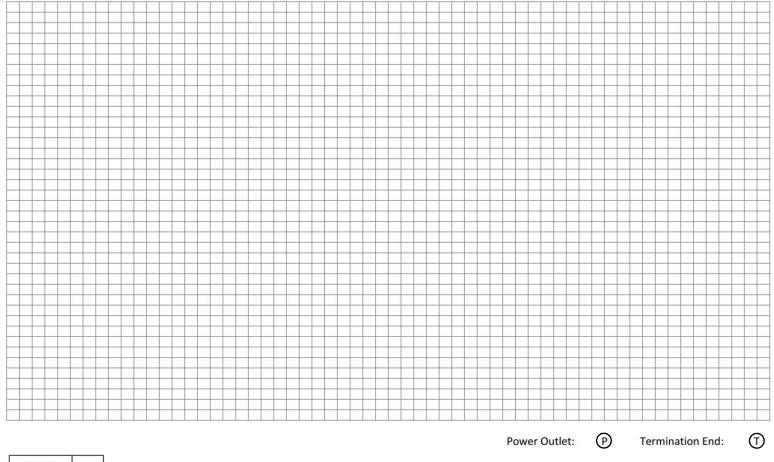


Installation Worksheet

Draw, Measure & Plan:

- 1. Draw your Roofline
- 2. Measure each Section
- 3. Locate Power & WiFi

Date:	
Name:	
Email:	
Address:	
City:	
Phone:	



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Se	ection	#																			7	Γotal	
Ligh	ts Ler	ngth			0.00	,,									~~								
0.75'	2.5'	6																					
Extens	sion L	ength																					
2'	5'	10'																					

* Note: - Maximum length per run is 200'

Ghost Lights

- Total output per Controller is 400'
- Using Extension cables will have an effect on your maximum run length.

Materials List:

Controller		Splitte	er
Pixel String:	6'	2.5'	0.75'
Extension Cables:	10'	5'	2'
Pixel Track:	Punched		Blank
Termination End		Drillb	it