

Tips for Generating Templates

How to Create Templates that Light-up Groups of Wells Simultaneously

*Note: In this example, we will be generating a template file that lights up three wells at a time, every other row.

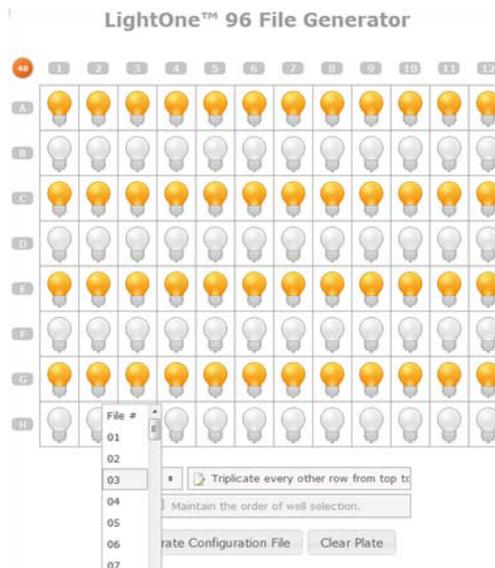
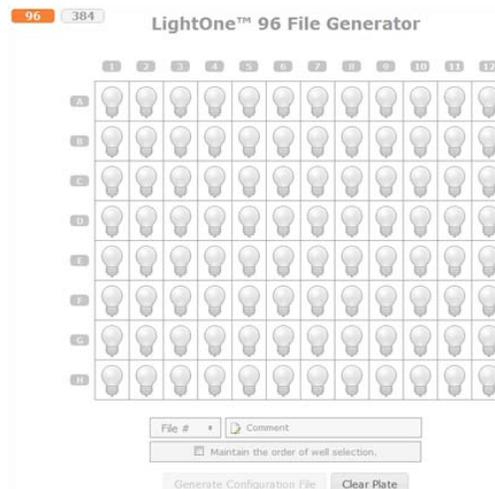
1. Open your browser and go to www.analytical-sales.com/generator.

2. Choose either the 96-well or 384-well generator by clicking the appropriate button at the top left corner. The following instructions will be the same for both. This example will use a 96-well generator.

3. Click on the wells to select them and the light bulb will turn orange. Deselect a well by clicking on an orange light bulb and it will turn grey. The orange circle at the top left corner indicates the total number of wells currently highlighted.

4. After the wells have been selected on the template, choose a number from 01 to 99 from the "File #" drop down menu. This will correspond with the file number on the LightOne.

5. Enter any plate names or comments about the file in the "Comment" Box and they will be embedded in the generated file.



6. Press "Generate Configuration File" at the bottom to generate the template. A dialog box will appear showing the selected wells and their current order of progression.

7. Click "Generate File" to confirm the file. The file will be saved to the internet browser's download folder and will be named "inXX.emb", with XX representing the number from the "File #" drop down menu.

8. Open the template file in Notepad. Note that every well will have a three-digit number representing the order in which they will light up. 000 denotes wells that will not light up in the template file.

For example:

Prior to any editing, the file currently looks similar to the right. All of the wells light up individually, with the first well, A1, with 001, the second well, A2, with 002 and so on.

9. Edit the entries so that wells that you wish to light up as a group will have the same three-digit number.

For Example:

Well	Prior to Editing	After to Editing
A1	001	001
A2	002	001
A3	003	001
C1	004	002
C2	005	002
C3	006	002

And so on...

10. Save the file, making sure it has the format inXX.emb, and move it to the flash drive, if it is not already there.

The template file must be in the root directory of the flash drive and have an .emb extension to be read by the unit

