

NEON PRODUCT DESIGNER DOCUMENTATION

Getting Started

How to set up my neon product designer plugin ?

Overview

The purchase of a custom neon sign follows certain technical rules and it is always good that the customer has the possibility to see exactly how his product will look before ordering. Our plugin allows your customers to order their custom neon signs online.

A. Requirements

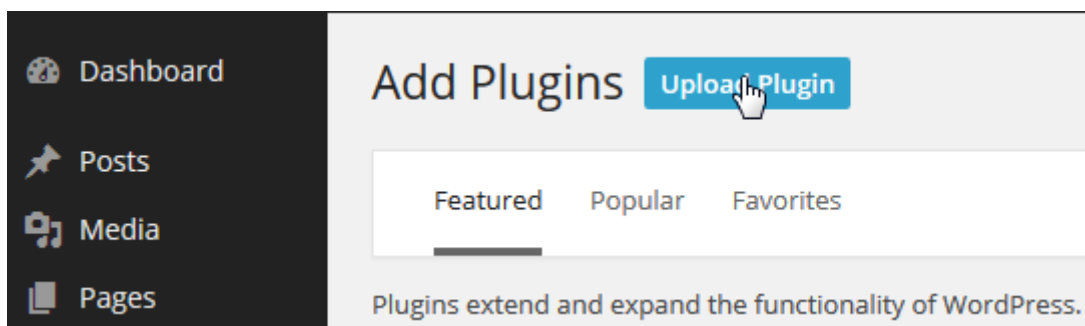
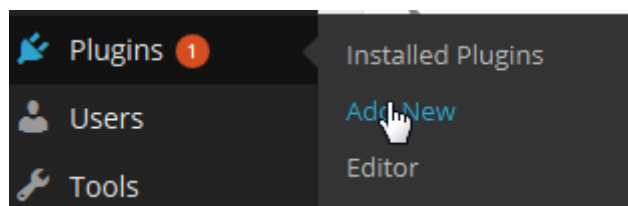
- a. WordPress (minimum version: 3.6)
- b. Woocommerce (minimum version: 2.4)

B. Zip Folder Content

The zip file downloaded from Code Canyon contains:

The user manual (User-Manual.pdf)

The installable plugin zip file (neon-product-designer.zip)



[IMAGE SHOWING MENU TO PLUGINS, THEN TO UPLOAD PLUGINS]

C. Installation process

- a. First, extract the archive in a folder of your choice and let's start the installation.
- b. Go to your WordPress Admin Panel and click on Plugins > Add New to access the plugins installation screen.
- c. Then click on the " Upload Plugin " link to access the plugin upload page.
- d. Click on the Choose file button and select the plugin installable zip archive named neon-product-designer.zip in the folder extracted in the first step.
- e. Click on the Install Now button to run the installation.
- f. Once the plugin is successfully installed, please click on the Activate Plugin link to activate the plugin.

Basic Setup

We need to set up some basic settings first before we start creating configurable products. Let's start by creating the page where the products will be configured and reference that page in the plugin settings.

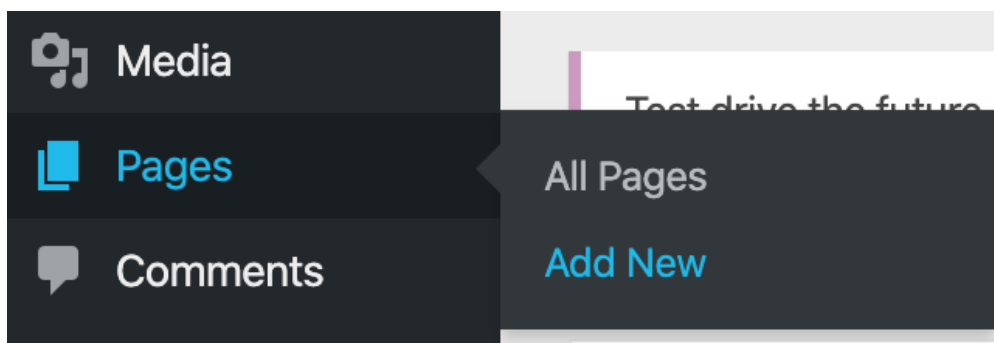
This page is extremely important, because without it, the designer cannot be generated, even if you choose to use the short code display option.

Click on menu Pages > Add New

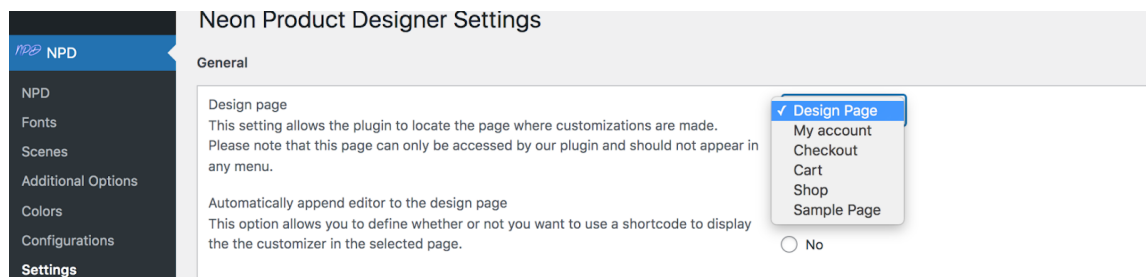
Enter your page title and then click on publish.

Then click on the menu NPD > Settings to access plugin settings.

Set the page you've created in the first step in the Configuration Page drop-down and save the changes.



[IMAGE OF NEW PAGE CREATION MENU]



[IMAGE OF DROPDOWN FIELD TO SELECT CREATED PAGE IN NPD SETTINGS]

Please ensure that the selected page is blank and has no content. To use a page that will have or already has content, please use the short code option – you can find the instructions below.

How to create my custom neon configurable product ?

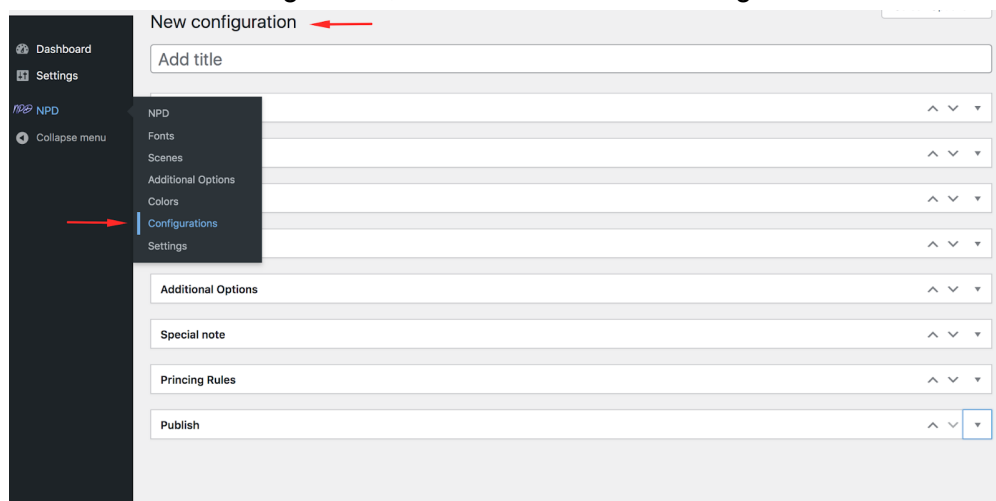
What is a Configuration?

A configuration is a set of parameters used to create a configurable product. In order to create our customizable neon sign product, we first need to create a configuration that will contain the different components and their options, and then assign this configuration to an existing product to turn it into a configurable product.

To create our custom neon configuration, we have permanent components like, the text font family, the color and dimensions, the scene to simulate its decoration. We also have the additional options module that allows us to define several other options that impact the price of the design but do not affect the preview, such as the choice of support etc...

Step

1. To create a new configuration, click on NPD > New configuration.

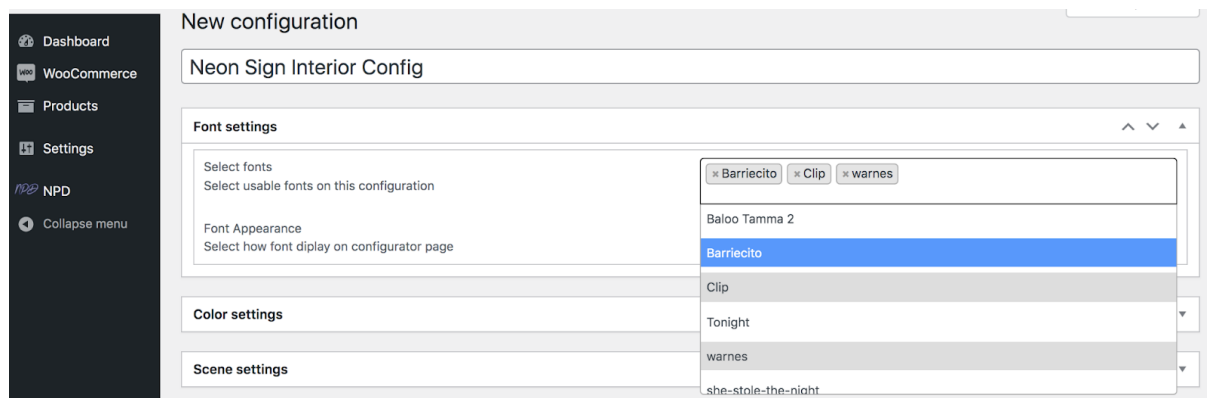


The screenshot shows the 'New configuration' form in the NPD dashboard. The left sidebar contains a menu with 'Dashboard', 'Settings', 'NPD', and 'Collapse menu'. The 'NPD' menu is expanded, showing 'NPD', 'Fonts', 'Scenes', 'Additional Options', 'Colors', 'Configurations' (highlighted with a red arrow), and 'Settings'. The main form area has a title field 'Add title' and several dropdown menus for 'NPD', 'Fonts', 'Scenes', 'Additional Options', 'Colors', 'Additional Options', 'Special note', 'Pricing Rules', and 'Publish'. A red arrow points to the 'New configuration' header, and another red arrow points to the 'Configurations' menu item.

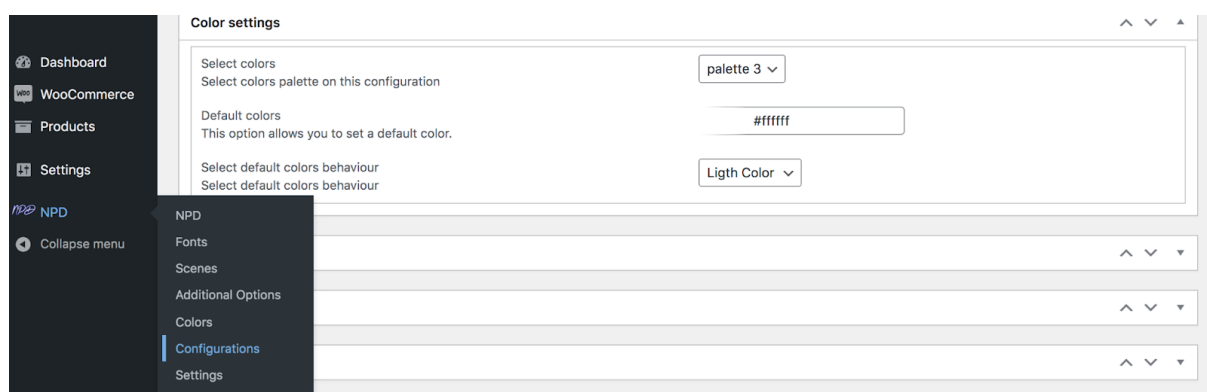
You can enter the title of your configuration and define other options for the different components.

2. The first component is the font family of your sign. The fonts must be added beforehand from the NPD > Fonts menu. You will only choose here the fonts you want to make available for this configuration.

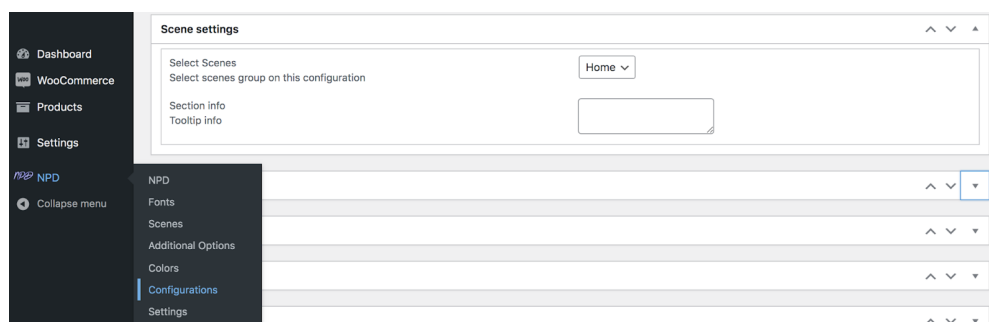
You can also define the display appearance of the fonts on the configurator by choosing between a Select or Text.



- Here, you will have to choose among your color palettes previously defined in the NPD > Colors menu.
You can define a default color, which you can use as the color of the backlight, or fixed color of the text and allow the change of the light color by the user or use the same color for the text and the light.



- In this section you will also have to choose a group of scenes, among those created in the NPD > Scenes menu.
These images will be available on the configurator to allow your customers to choose the setting for their design.
The tooltip field allows you to display a description for this section on the configurator.



5. For the Size section, you have to define the dimensions and their additional price. Your customers will be able to choose among the dimensions you have defined and the price will be updated automatically according to them.

The screenshot shows the 'Sizes' configuration page in the NPD dashboard. On the left is a sidebar with links to Dashboard, WooCommerce, Products, Settings, NPD, and a Collapse menu button. The main content area is titled 'Sizes' and contains a 'Sizes settings' section with fields for 'Add size setting', 'Labels: size setting label', 'Width: width', and 'Height: height'. Below this is a table with columns: Label, Description, Price, Width, Height, and Default. The first row is labeled 'Mini' with a description of '50 x 10', a price of '100', width of '100', height of '100', and is set as the default. Below the table is an 'Add new sizes' button. To the right of the table is a unit selection dropdown menu currently showing 'Centimeter' as the selected unit, with other options being Millimeter, Pixel, Inch, and Point. Below the unit selection are fields for 'Unit', 'Select default unit', 'Section info', and 'Tooltip info'.

By clicking on the add new size button a new dimension line composed of Label (name of the dimension), Description (description of the dimension, displayed in tooltip), Price (additional price of the dimension), Width (width of the dimension), Height (height of the dimension) and Default (default dimension) appears to fill in the values of your dimensions

You can also set the default unit of measurement that you allow for this configuration.

6. In the additional options section, you choose the different additional options that you have previously added in the NPD > Additional Options menu. These options appear on the configurator and impact the price according to the choice of the options.

The screenshot shows the 'Additional Options' configuration page in the NPD dashboard. The sidebar is the same as in the previous screenshot. The main content area is titled 'Additional Options' and contains a 'Select additional options' section with a sub-label 'Select usable additional options on this configuration'. Below this are sections for 'Special note' and 'Pricing Rules'. On the right side, there is a list of available options: 'Choose your backing', 'SIGN USAGE', and 'DIMMER & REMOTE CONTROL'. The 'Choose your backing' option is currently selected and highlighted in blue.

7. For the additional note section, it will be a matter of allowing or not a field on the configurator so that your customers can add an additional note to the configuration before placing the order.

The screenshot shows the 'Special note' configuration page in the NPD dashboard. The sidebar is the same as in the previous screenshots. The main content area is titled 'Special note' and contains an 'Enable Special note' section with a sub-label 'Allow user to add special note'. Below this is a 'Section info' and 'Tooltip info' section. A red arrow points to a checkbox labeled 'Allow user to add special note', which is currently checked.

8. In the Pricing rules section you define the pricing rules based on the number of characters in the text or based on the text size.

By clicking on the Add new rule button, you will see a new rule line composed of Element (the element on which the rule is going to be based), operator, the value that would be checked for the rule, the price to be applied and the relation with other rules.

9. Finally in the Publish section, you can save your configuration.

The next step is to create a new WooCommerce product (or edit an existing one), to assign our configuration to.


How to create my first configurable product ?

After creating your configuration, the next step is to link the configuration with a WooCommerce product. It can be an existing product or one you create anew. Please follow the steps below:

1. If it is a new product, go to Products > Add New, else, open the existing WooCommerce product.
2. If it's a simple product, the configurations list will show up under the General tab

Please make sure that the price is defined and the product in stock

Product data — Simple product ▾ | Virtual: ☐ Downloadable: ☐ ^ ▾ ▲








General	Regular price (\$)	<input type="text" value="100"/>
Inventory	Sale price (\$)	<input type="text"/>
Shipping	Schedule	
Linked Products	Select your NPD Configuration	Neon Sign Interior Config ▾ 
Attributes		
Advanced		

But if it's a variable one, the drop-down containing the list of your created configurations will be displayed in the Variation settings.

Edit Product

Variations #15 Green ▾ L ▾

Advanced

	SKU 	<input type="text"/>
<input checked="" type="checkbox"/> Enabled <input type="checkbox"/> Downloadable <input type="checkbox"/> Virtual <input type="checkbox"/> Manage stock?		
Regular price (\$)	Sale price (\$) Schedule	
<input type="text" value="120"/>	<input type="text"/>	
Stock status		
<input type="text" value="Out of stock"/>	▾	
Weight (kg)		Dimensions (L×W×H) (cm) 
	Length	Width Height
Description		
<input type="text"/>		
	Select your NPD Configuration	Neon Sign Interior Config ▾

This way you can tie any configuration to any variation.

3. Select the configuration you want to assign to your product from the drop-down, and click on publish (or “update”) when you’re done to save the changes.

Congratulations, you just made your custom neon sign configurable product!

A “Neon Design” button will now appear on the product page and will lead to the configuration page when clicked.

How to display my configurator?

There are currently 3 ways to display the product configurator:

1. **Automatic display:** used by default when the plugin is enabled and the configuration page is set. In this case, the plugin will automatically append the configurator to the selected configuration page’s content. There is no need to use a shortcode there
2. **Standalone shortcode:** This method is used when you need to have full control of where the configurator should be displayed within the configuration page. The shortcode to use in this case is **[npd-editor]**.
Note: Make sure the **Manage the configuration page** field in the plugin settings is **set to No**, otherwise you’ll get two configurators in the specified page.

Manage the configuration page

If yes, automatically append editor to the design page. This option allows you to define whether or not you want to use a shortcode to display the the customizer in the selected page.

☒ Yes
☐ No

3. **Shortcode with parameters:** this method is used when you need to have a standalone instance of the configurator within a page other than the default configurator page. The shortcode to use in this case is **[npd-editor product=”123”]** where “product” is the ID of the WooCommerce product to load. This product should be the one that you have linked to the configuration you want to display
4. **Display customizable products:** We also have a shortcode to display customizable products **[npd-products]**. They also allow attributes like **products** (specify product ids to be displayed), **cat** (specify category ids to be taken into account), **cols** (the number of products to be displayed per line).

Manage Fonts

How to add your own fonts

This allows you to import your selected fonts, or choose them from the list of Google fonts that we provide within a dropdown field.

WooCommerce

Products

Analytics

NPD

NPD

Fonts

Scenes

Additional Options

Colors

Configurations

Settings

Collapse menu

Add New Font

Pick a google font x

Name

Name for the font (shown on the front-end).

URL

Google font URL. Leave this field empty if the font is already loaded by the theme.

TTF font file

Add font file

Make sure you select at least one style per file.

Style

File

Action

TrueType font (can be used if the url is not provided and while generating the output vector).

Add Font

Name	Url	Style name	TTF font file
Baloo Tamma 2	http://fonts.googleapis.com/css?family=Baloo+Tamma+2		
Barriecito	http://fonts.googleapis.com/css?family=Barriecito		
Clip		Regular+Bold+Underline+Line Through+Italic+Overline	clip.regular.ttf
Tonight		Regular	Tonight.ttf
warnes		Regular	Warnes-Regular.ttf
she-stole-the-night		Regular	She-Stole-the-Night.ttf
Sportrop		Regular	Sportrop.ttf

[Manage font section]

Steps

1. Click on **'Manage fonts'** in the submenu under **'NPD'** in the Menu.
2. Add a name for your new font. You can either use Google fonts or add your own TTF/OTF font file.
3. If you choose Google fonts, you can either select from the preloaded dropdown of Google fonts, or add the full URL for it in the 'URL' field if your chosen Google font is not in the loaded font list.
4. If you choose to use your own TTF/OTF font file, you can add it using the **'Add font file'** button.
5. Click on the **'Add Font'** button at the bottom of the page to add the font to your font list.
6. Your current list of fonts will always be displayed on the right-hand side of the 'Manage fonts' page.

Manage Colors

How to add your own color palette

You can define your color groups here. To manage your colors go to the NPD > Manage Colors menu as below

WooCommerce

Products

NPD

NPD

Manage Fonts

Manage Scenes

Additional Options

Manage Colors

Configurations

Settings

Colors palettes

New palette

All (3) | Published (3)

Bulk actions

Apply

All dates

Filter

☐ Title

☐ palette 3

☐ Palette 2

☐ Palette 1

New palette

Add title

Colors palettes

Name	Hex code	Default
Black	#000000	<input checked="" type="radio"/>
Yellow	#81d742	<input type="radio"/>

Add color

Publish

Save Draft

Status: Draft [Edit](#)

Visibility: Public [Edit](#)

Publish immediately [Edit](#)

Publish

Steps

1. Enter a name for your color palette
2. Then click on the add color button to fill in the name and code of your color.
3. Click on the add color button to add a new color line
4. Don't forget to set your default color
5. Click publish or update to save or modify your color palette.

Manage Scenes



How to add your own images for editor background

You can define your scene groups here. To manage your scenes go to the NPD > Manage Scenes menu. Click to "add a new scene group" and add scene.

New scenes group

My scene group

Scenes

Image	Name	Default
 Set Remove	weeding	<input checked="" type="radio"/>
 Set Remove		<input type="radio"/>

Add scene

Publish

Save Draft

Status: Draft [Edit](#)

Visibility: Public [Edit](#)

Publish immediately [Edit](#)

[Move to Trash](#) [Publish](#)

Thank you for creating with [WordPress](#).

Version 5.8.3

Steps

1. Enter a name for your scene group
2. Then click on the add scene button to fill in the name and image of your scene.
3. Click on the add scene button to add a new scene line
4. Don't forget to set your default scene
5. Click publish or update to save or edit your scene group.

Manage additional options

How to add custom options for your configuration

For the customization of your neon sign, apart from the classic components, such as color, font and size, several other options can be taken into account, such as

adapting the sign for outdoor use (the sign is treated with different primers, resins, etc. to prevent water penetration)

giving the sign more sophisticated lighting features, such as the ability to blink or dim, etc.

Our plugin allows you to add additional options

The screenshot shows a web form titled "New additional option". At the top, there is a section labeled "CHOOSE YOUR BACKING". Below this is a table titled "Additional options" with columns: Name, Image, Price, Description, and Default. The table contains two rows. The first row has "Rectang" in the Name column, a "Set image" button and a "Remove image" button in the Image column, "100" in the Price column, and "Rectangle" in the Description column. The second row has an empty image placeholder, "Set image" and "Remove image" buttons, "0" in the Price column, and an empty description field. Below the table is an "Add option" button. To the right of the table, there is a "Description" field with the text "description" and a "Behaviour" field with the text "Option behaviour". A dropdown menu is open, showing "Select", "Image", and "Text" options. At the bottom of the form is a "Publish" button.

Name	Image	Price	Description	Default
Rectang	<div>Set image</div> <div>Remove image</div>	100	Rectangle	
	<div>Set image</div> <div>Remove image</div>	0		

[Add option](#)

Description
description

Behaviour
Option behaviour

[Publish](#)

Steps

1. Enter a name for your custom options

2. Then click on the add option button to fill in the name, set image if you use image appearance, additional price and description.
3. Click on the add option button to add a new option values line
4. Don't forget to set your default option
5. Click publish or update to save or modify your custom option.

You can create as many option groups as you want, following the same process.