

## Quick Start Guide



# FluxTool

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# 1. FluxTool layout

## 1.1. Program tab

This is how the **Program tab** looks:

Menu tabs      Status window      Label printing  
This section is to print labels

App update notification area  
The ⚠ symbol indicates that updates are available

Permission level selector  
To switch to another mode

The screenshot shows the FluxTool application window. At the top, there's a title bar with 'FluxTool' and a user profile 'Engineer'. Below the title bar, there's a status window showing 'Status: Ready' and 'POWERdrive 561'. To the right of the status window, there are buttons for 'Write', 'Auto-Write', 'Read', and 'Auto-Read', along with a 'Print Label' button. Below these, there's a 'default Label Setup' button. On the left side, there's a menu with 'Program', 'Profiles', and 'Settings'. The main area is divided into three panes: 'Profiles' (a table of profiles), 'Parameters' (a table of parameters for the selected profile), and 'Driver' (a table of parameters for the connected driver). The 'Profiles' pane has a search bar and a filter icon. The 'Parameters' pane has a 'Profile [561 test]' header. The 'Driver' pane has a 'Driver [Connected]' header. The 'Profiles' table has columns 'Name', 'Driver Type', and 'Created'. The 'Parameters' table has columns 'Parameter' and 'Value'. The 'Driver' table has columns 'Parameter' and 'Value'.

Name	Driver Type	Created
SL560 /A	SOLOdrive 560	12 Aug 2019
PW 561 /A	POWERdrive 561	09 Jul 2019
SL 360 400mA	SOLOdrive 360	12 Mar 2019
DUAL 562/S DT8	DUALdrive 562	25 Jul 2019
Sales Demo	DUALdrive 1290	05 Jul 2019
SL 560 800mA	SOLOdrive 560	31 May 2019
561 test	POWERdrive 561	13 Aug 2019

Parameter	Value
Current output group 1	700 mA
Current output group 2	700 mA
Current output group 3	700 mA
Current output group 4	700 mA
Dimming curve	logarithmic
Group 1 scaling	255
Group 2 scaling	255
Group 3 scaling	255
Group 4 scaling	255
Interpolation	Off
Master dimmer value	255

Parameter	Value
Current output group 1	400 mA
Current output group 2	300 mA
Current output group 3	200 mA
Current output group 4	500 mA
Dimming curve	logarithmic
Group 1 scaling	255
Group 2 scaling	255
Group 3 scaling	255
Group 4 scaling	255
Interpolation	Off
Master dimmer value	255

Profile selector pane  
Here you can select a profile

Profile parameters  
When you have selected a profile, its parameters are displayed in this area

Driver parameter pane  
In this section the connected driver and its current parameters are displayed

## 1.2 Profiles tab

This is how the **Profiles tab** looks:

The screenshot shows the FluxTool application window with the 'Profiles' tab selected. The interface is divided into several sections:

- Header:** 'FluxTool' title, a warning icon, and a user dropdown 'Engineer'.
- Left Sidebar:** Contains 'Program', 'Profiles' (selected), and 'Settings'.
- Profile Management:** A horizontal bar with buttons 'Create New', 'Delete', 'Duplicate', and 'Import'.
- Profiles List:** A table with columns 'Name', 'Driver Type', and 'Created'. It lists two profiles: 'SL 360 650mA' (selected) and 'SL 360 400mA'.
- Profile Details:** A panel for the selected profile 'SL 360 650mA' showing parameters like 'Drive' (650 mA) and 'Control' (logarithmic dimming curve).

Annotations with lines pointing to specific areas:

- Profile management:** Points to the 'Create New', 'Delete', 'Duplicate', and 'Import' buttons.
- Profile edit:** Points to the 'Edit' link in the profile details panel.
- Profile selector pane:** Points to the 'Profiles' list table, with the text: 'Here you can select a profile'.
- Profile parameters:** Points to the profile details panel, with the text: 'When you have selected a profile, its parameters are displayed in this area'.

	Name	Driver Type	Created
<input checked="" type="checkbox"/>	SL 360 650mA	SOLOdrive 360	25 Mar 2019
<input type="checkbox"/>	SL 360 400mA	SOLOdrive 360	12 Mar 2019

**Profile [SL 360 650mA]**

Demo [Edit](#)

**Drive**

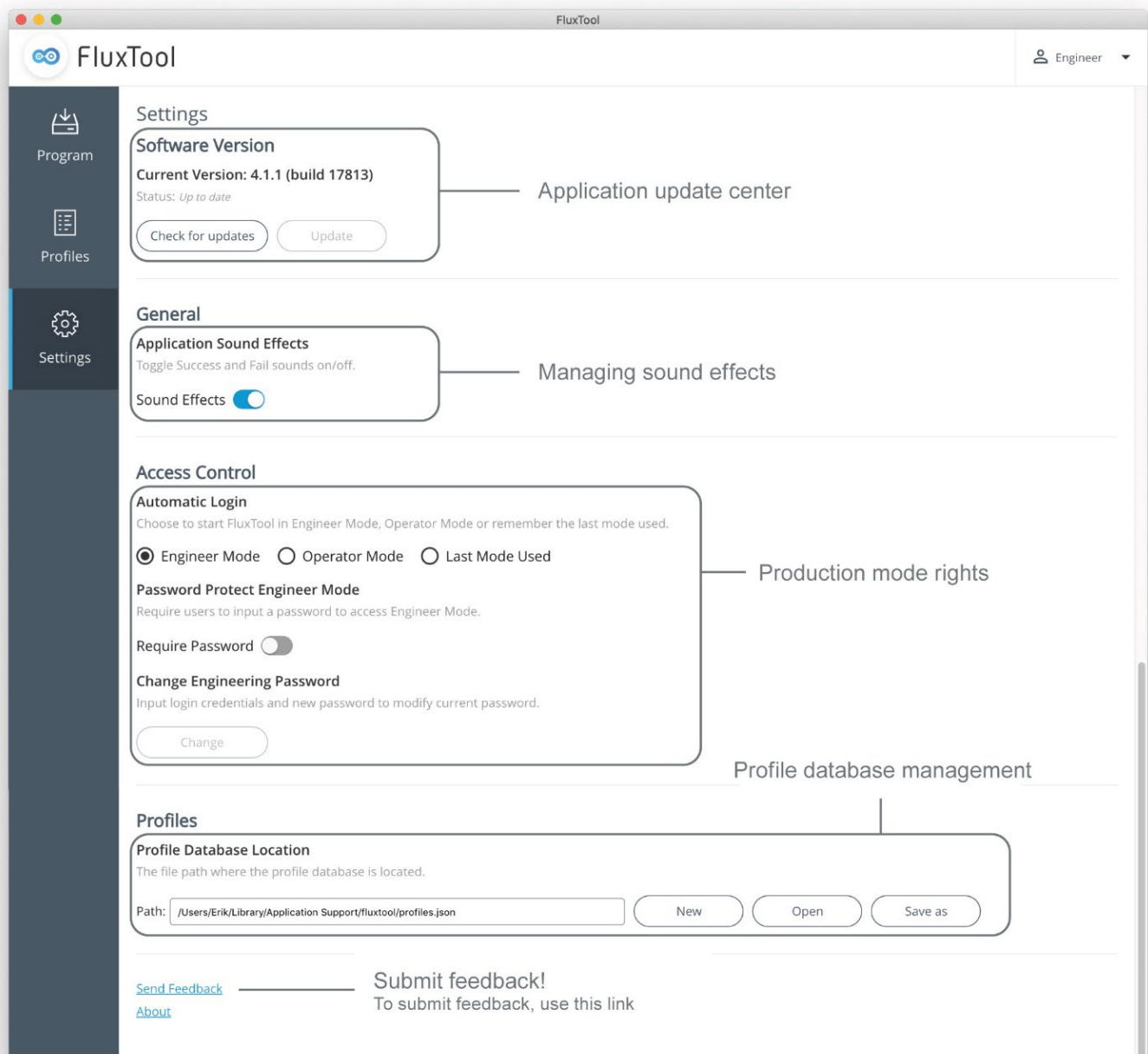
Current output group 1 650 mA

**Control**

Dimming curve logarithmic  
Minimum dimming level 0.1 %  
NTC throttling temperature 70°C

## 1.3 Settings tab

This is how the **Settings tab** looks:

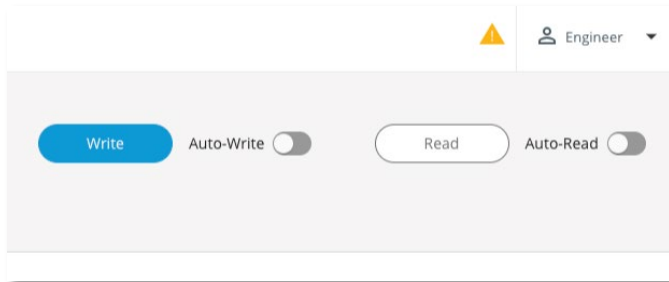


## 2. How to program a driver (without a profile)

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### 1) Read a driver's parameters

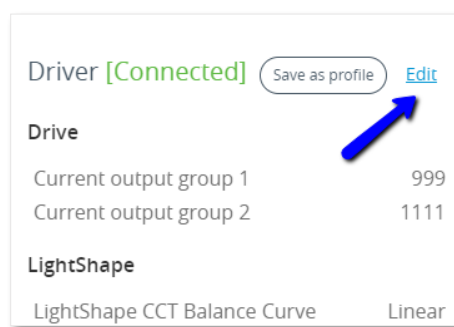
With a driver connected, click **Read** on the Program tab.



### 2) Enter profile-less programming mode

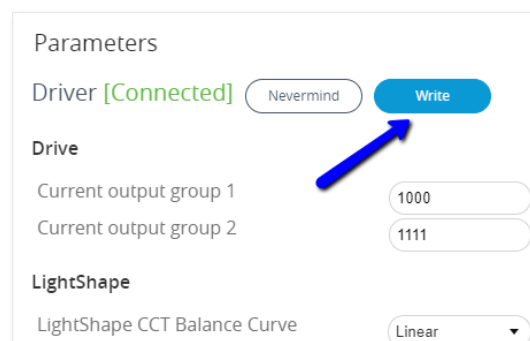
After reading the driver's parameters, click **Edit**.

Please note: You must be logged into *Engineer* mode to directly edit the driver parameters.



### 3) Edit parameters and write to the driver

Change the desired parameters and click **Write** when finished to program the driver.



### 3. How to write a profile to a driver

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#### 1. Select the desired profile

On the **Program** tab, use the Search bar or sort the list of profiles to find the correct one.  
Click the profile to load its details.

Name ▼	Driver Type ▼	Created ▼
DL560 High Lumen	DUALdrive 560	19 Feb 2019
DL560 Low Lumen	DUALdrive 560	19 Feb 2019

**Parameters**

DL560 Low Lumen

**Drive**

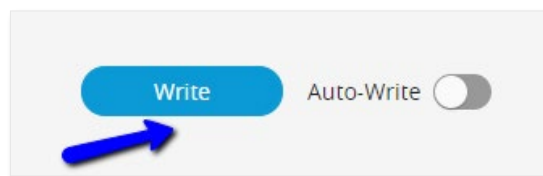
Current output group 1	365
Current output group 2	365

**LightShape**

LightShape CCT Balance Curve	Linear
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#### 2. Write the profile to the driver

With a driver connected, click **Write** (also press spacebar) to program the driver with the selected profile.  
Alternatively, you can enable Auto-Write so that the driver is automatically programmed once detected.



You'll see a brief notification once programming is complete.

Status:

Success!

DUALdrive 560/L ● Driver Connected ● TOOLbox Connected

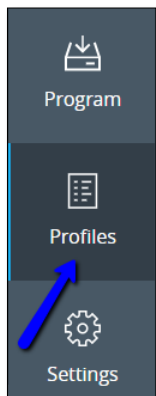
## 4. How to create a profile

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### 1) Navigate to the Profiles tab

Click **Profiles** from the left menu.

Please note: You must be logged into *Engineer* mode to access Profiles.



### 2) Give the profile a name and description

With a driver connected, click **Create New** and give the profile a name and description.

A form for creating a new profile. At the top are buttons: 'Create New' (highlighted with a blue arrow), 'Delete', 'Duplicate', and 'Import'. Below is a table with columns: 'Name', 'Driver Type', and 'Created'. The first row shows 'DL560 High Lumen', 'DUALdrive 560', and '19 Feb 2019'. To the right of the table is a form for the new profile: 'Profile name' (with 'DL560 Low Lumen' entered) and 'Profile description' (with 'For the low lumen project' entered). There are 'Nevermind' and 'Save' buttons at the bottom right.

### 3) Save and edit the new profile

Click **Save** and edit the newly created profile as needed. Click **Save** again to confirm your changes.

A form for saving and editing a profile. It shows the 'Profile name' as 'DL560 Low Lumen' and the 'Profile description' as 'For the low lumen project'. There are 'Nevermind' and 'Save' buttons. Below this is a section for 'Drive' settings, with 'Current output group 1' and 'Current output group 2' both set to '700'. At the bottom is a section for 'LightShape'.



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