

Quick Start Guide



FluxTool

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1. FluxTool layout

1.1. Program tab

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

The screenshot shows the FluxTool interface with the following components and labels:

- Menu tabs:** Program, Profiles, Settings.
- Status window:** Shows 'Ready' status, 'POWERdrive 561', 'Driver Connected', and 'TOOLbox Connected'.
- Label printing:** Includes 'Write', 'Auto-Write', 'Read', 'Auto-Read', and 'Print Label' buttons.
- App update notification area:** Features a yellow triangle icon and the text 'The symbol indicates that updates are available'.
- Permission level selector:** Shows 'Engineer' with a dropdown arrow.
- Profiles:** A table with columns 'Name', 'Driver Type', and 'Created'. The '561 test' profile is selected.
- Parameters:** Displays settings for the selected profile, including Drive (Current output groups) and Control (Dimming curve, Group scaling, Interpolation, Master dimmer value).
- Profile saving:** Includes 'Save as Profile' and 'Edit' buttons.
- Quick program:** A section for adjusting parameters directly.
- Profile selector pane:** A label pointing to the Profiles table: 'Here you can select a profile'.
- Profile parameters:** A label pointing to the Parameters section: 'When you have selected a profile, its parameters are displayed in this area'.
- Driver parameter pane:** A label pointing to the Driver parameter section: 'In this section the connected driver and its current parameters are displayed'.

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

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 logo on the left, a warning icon and 'Engineer' user name on the right.
- Profile management:** A horizontal bar containing buttons for 'Create New', 'Delete', 'Duplicate', and 'Import'.
- Profiles selector:** A table with columns for Name, Driver Type, and Created. It lists two profiles: 'SL 360 650mA' (selected) and 'SL 360 400mA'.
- Profile edit:** A detailed view of the selected profile 'Profile [SL 360 650mA]' showing parameters for Drive (Current output group 1: 650 mA) and Control (Dimming curve: logarithmic, Minimum dimming level: 0.1 %, NTC throttling temperature: 70°C).

Callouts point to the 'Profile management' buttons, the 'Profile selector pane' (the table), the 'Profile edit' button, and the 'Profile parameters' (the detailed view).

Name	Driver Type	Created
SL 360 650mA	SOLOdrive 360	25 Mar 2019
SL 360 400mA	SOLOdrive 360	12 Mar 2019

Profile [SL 360 650mA]

Demo [Edit](#)

Drive

Current output group 1 650 mA

Control

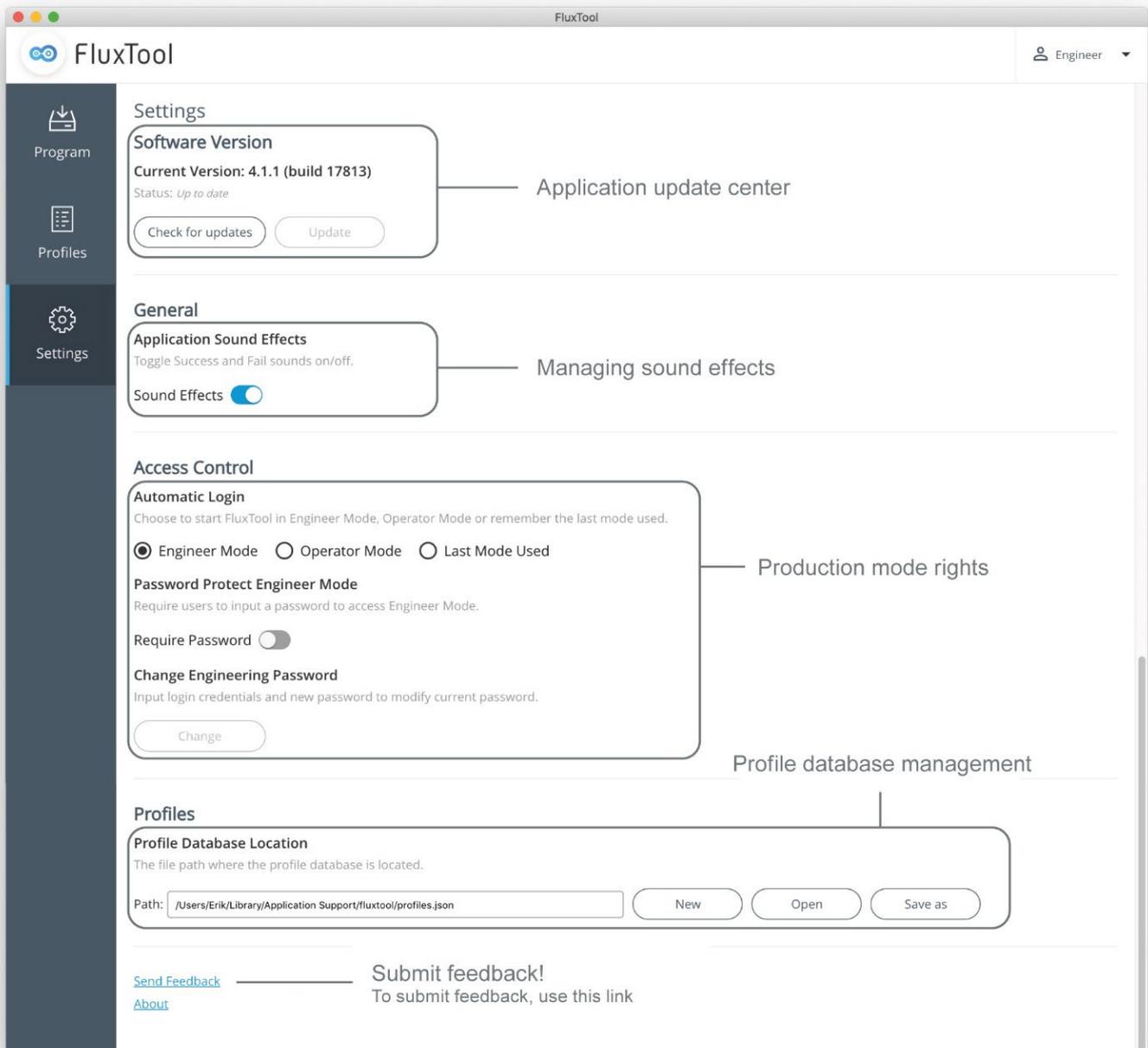
Dimming curve logarithmic
Minimum dimming level 0.1 %
NTC throttling temperature 70°C

Profile selector pane
Here you can select a profile

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

1.3 Settings tab

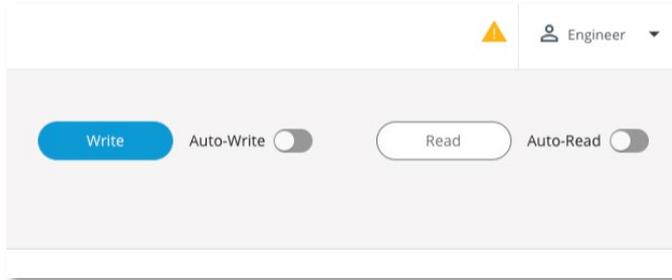
This is how the **Settings tab** looks:



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

1) Read a driver's parameters

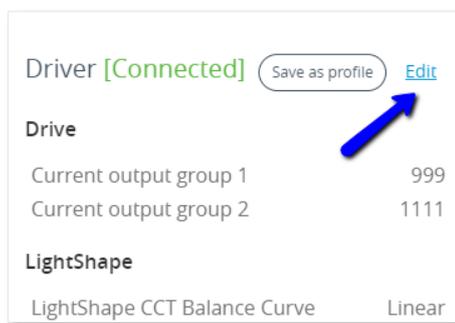
With a driver connected, click **Read** on the Program tab.



2) Enter profile-less programming mode

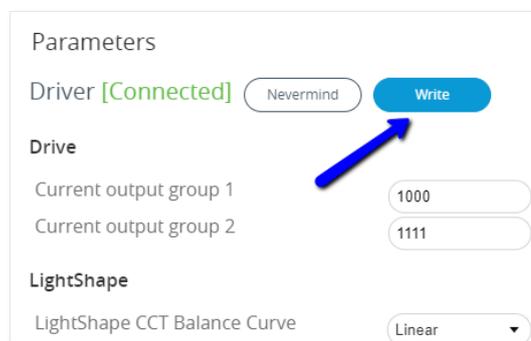
After reading the driver's parameters, click **Edit**.

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

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.

Write Auto-Write

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

Status:

Success!

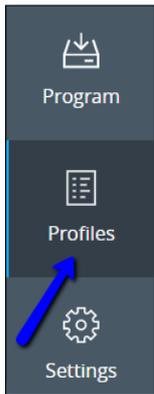
DUALdrive 560/L ● Driver Connected ● TOOLbox Connected

4. How to create a profile

1) Navigate to the Profiles tab

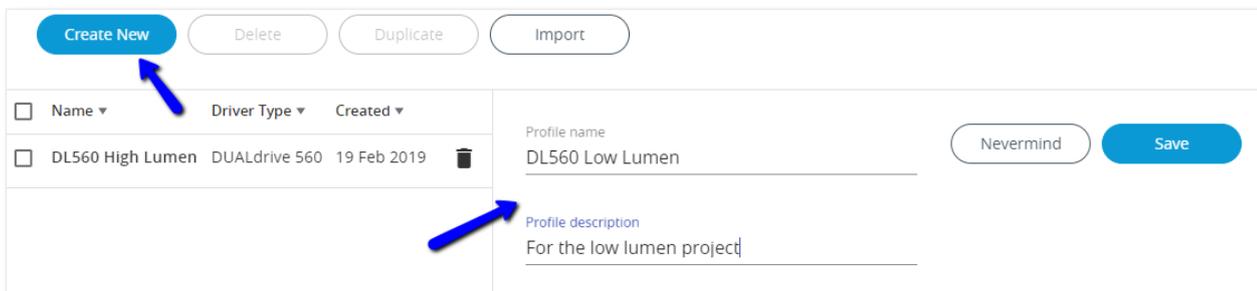
Click **Profiles** from the left menu.

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



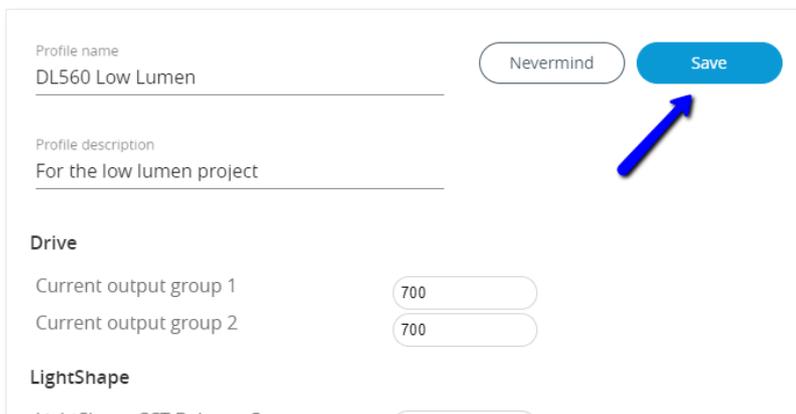
2) Give the profile a name and description

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

A screenshot of the 'Create New' profile form. At the top, there are four buttons: 'Create New' (highlighted with a blue arrow), 'Delete', 'Duplicate', and 'Import'. Below the buttons is a table with columns for 'Name', 'Driver Type', and 'Created'. The first row contains 'DL560 High Lumen', 'DUALdrive 560', and '19 Feb 2019'. To the right of the table is a form for the new profile. It has a 'Profile name' field with the text 'DL560 Low Lumen' and a 'Profile description' field with the text 'For the low lumen project'. There are 'Nevermind' and 'Save' buttons at the end of the form. A blue arrow points to the 'Save' button.

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 screenshot of the 'Save' button in the profile form. The 'Profile name' field contains 'DL560 Low Lumen' and the 'Profile description' field contains 'For the low lumen project'. There are 'Nevermind' and 'Save' buttons. A blue arrow points to the 'Save' button. Below the description field, there are sections for 'Drive' and 'LightShape'. The 'Drive' section has two input fields for 'Current output group 1' and 'Current output group 2', both containing the value '700'. The 'LightShape' section has a partially visible input field for 'LightShape CCT Release Curve'.

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