



Title : FirstLightVision installation manual Windows
Document :
Issue : 3.0.0
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Revision history

Issue	Date	Para	Details
1.0.0	27/07/2020		Initial release
1.0.1	28/09/2020		Delete redistributables installation (except USB)
2.0.0	01/06/2021		New FliInstaller
3.0.0	15/04/2023		Add link to MSVC redistributable


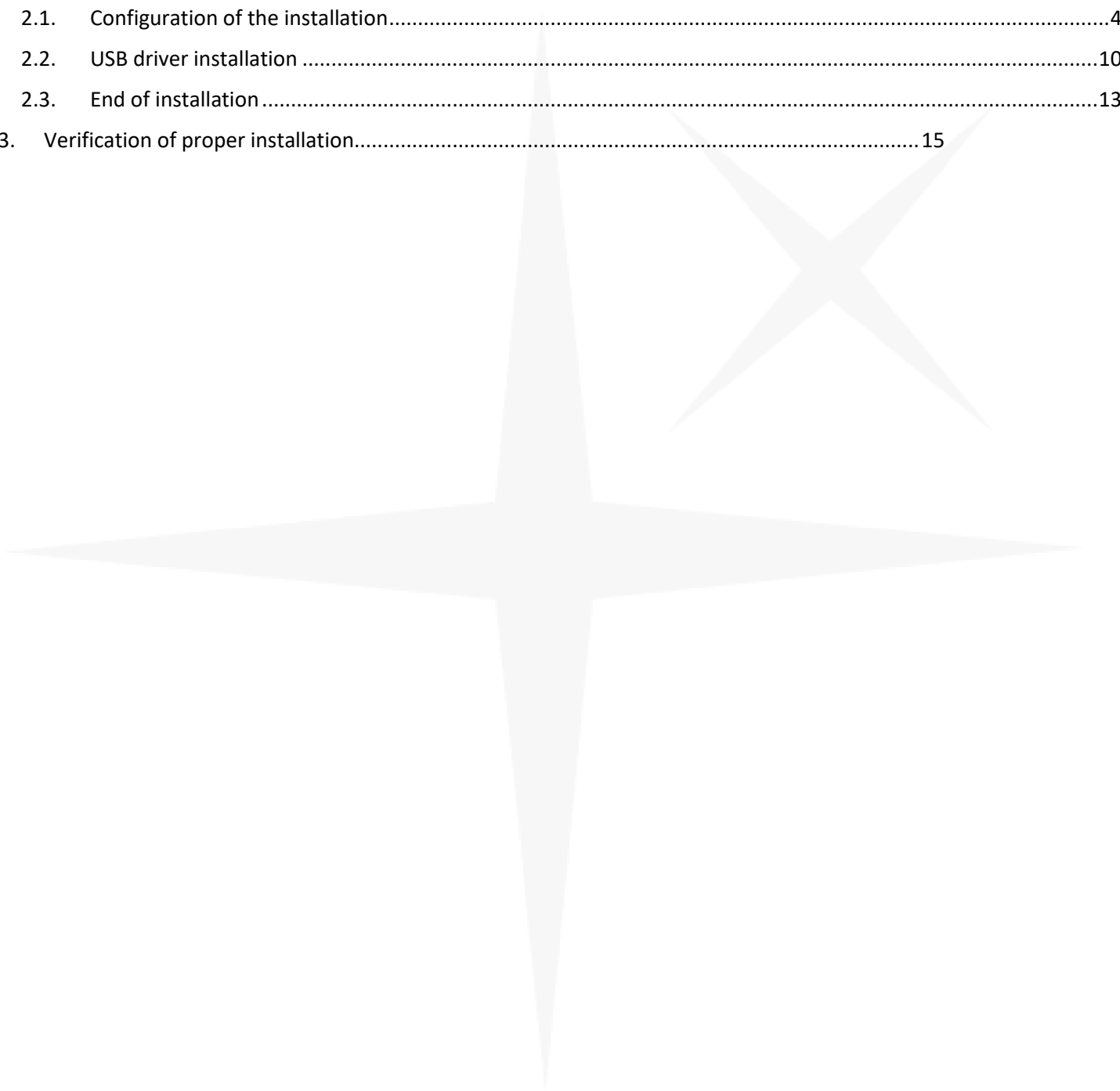

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1. Introduction

FirstLightVision and its installer have been tested on the following platforms:

- Windows 10 64bits
- Windows 11 64bits


The installer will provide the following components:

- FirstLightVision binaries
- Plugins (dicom, 3d histogram)
- Visual C++ redistributable
- Windows Media Feature pack redistributable
- USB redistributable

FirstLightVision has been tested with the following grabbers:

- Matrox Radiant ev-CL
- Matrox Rapixo CXP
- Euresys Coaxlink Duo CXP-12
- Euresys Grablink Full CL
- Bitflow CL
- Pleora IPort CL-Ten
- Teledyne Dalsa Xcelera CL
- EDT Visionlink F4
- USB 3.0

And with a specific driver version that can be downloaded from the website.

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2. Installation procedure

2.1. Configuration of the installation

Run the corresponding executable (FirstlightVision_x_x_x_installer.exe).

If some dialog boxes open and warn that the file msvc140.dll or the file vcruntime140.dll are missing. Then you will first need to install the MSVC redistributable.

Click on this link:

https://aka.ms/vs/17/release/vc_redist.x64.exe

To get the redistributable, open it and follow the instructions (you will have to reboot your computer).

Run again the executable (FirstlightVision_x_x_x_installer.exe) to get this window:

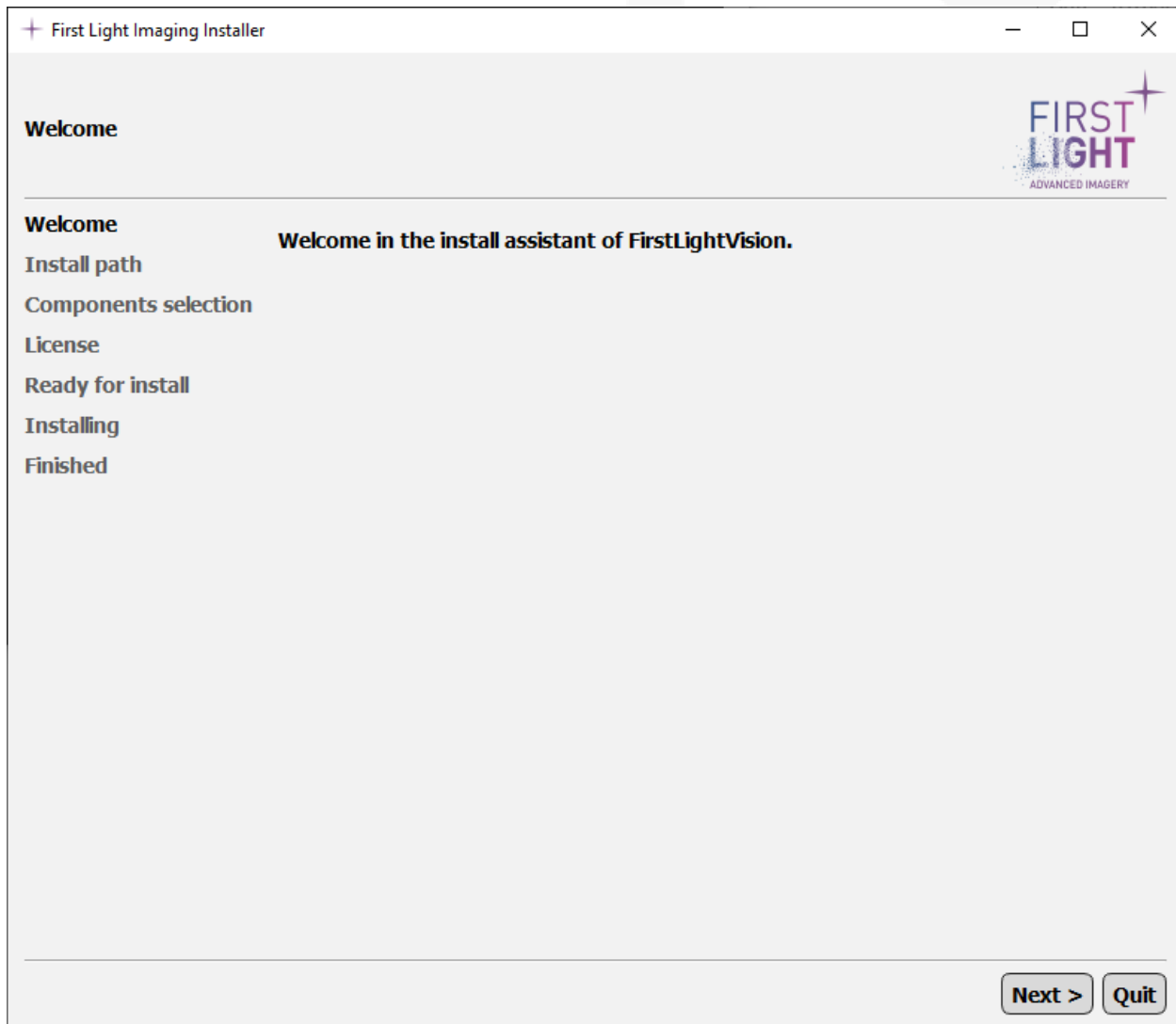



Fig. 1 : Installer window

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Click on *Next*, then choose the installation directory:

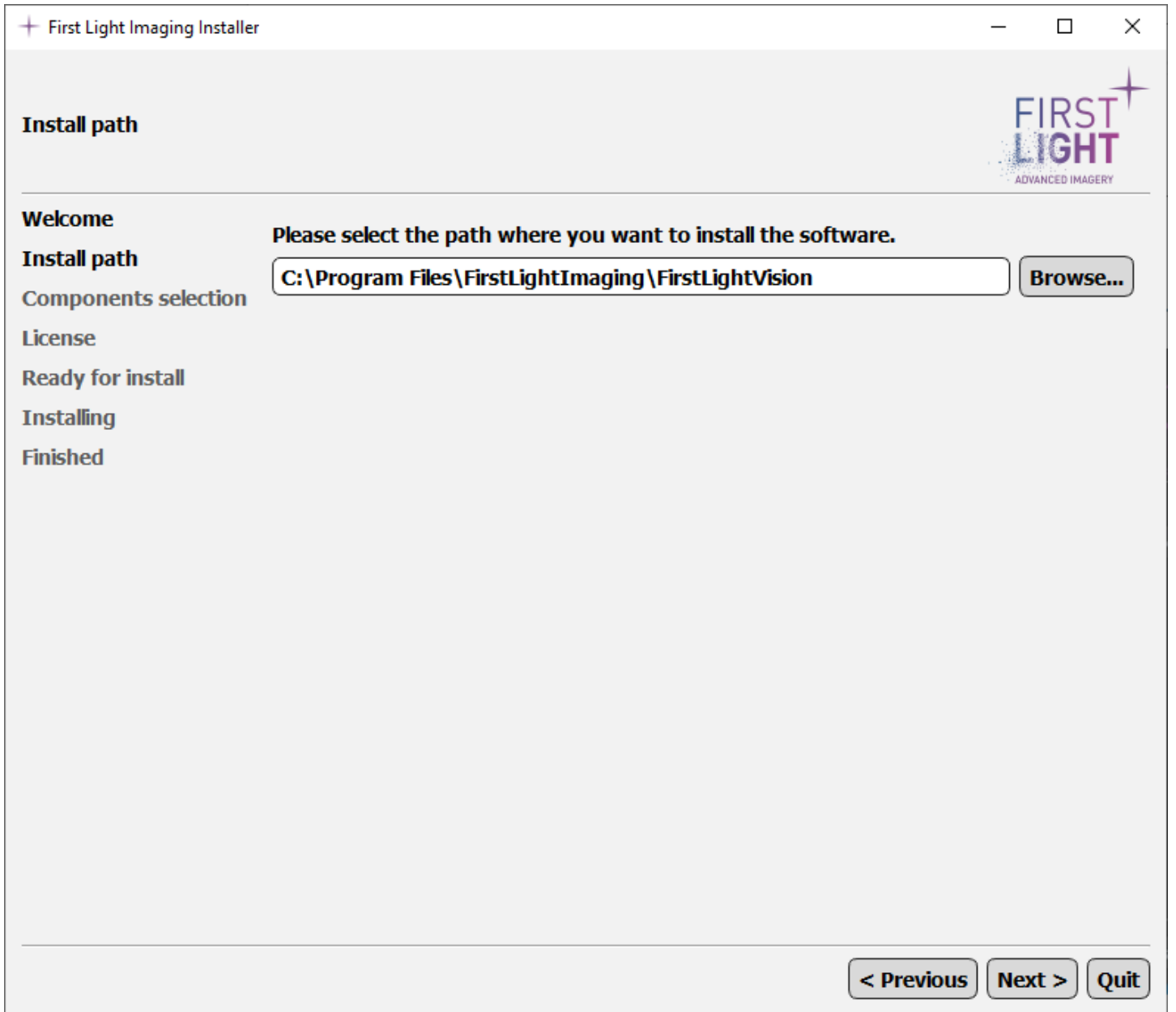



Fig. 2 : Installation directory selection

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Click on *Next*, then select the packages you want to install:

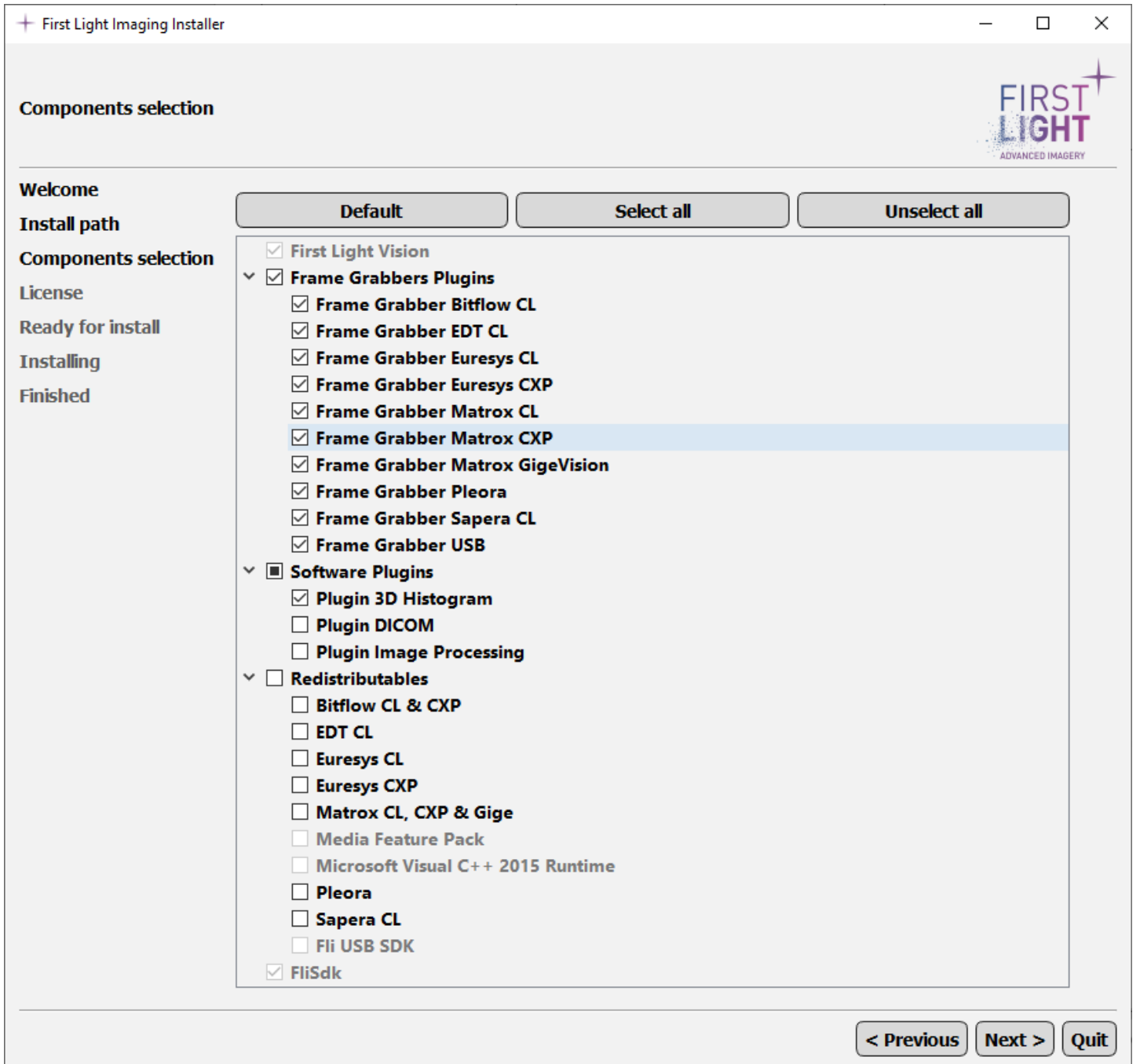



Fig. 3 : Component Selection

Note: All redistributables (except Fli USB SDK, Media Feature Pack and Microsoft visual C++ 2015 Runtime) will be downloaded from the server and must be installed manually by the user following corresponding documents.

Plugins Dicom and 3D Histogram are not checked by default, you can add them manually.

Once the selection of components is done, click on *Next* and accept the license agreement.

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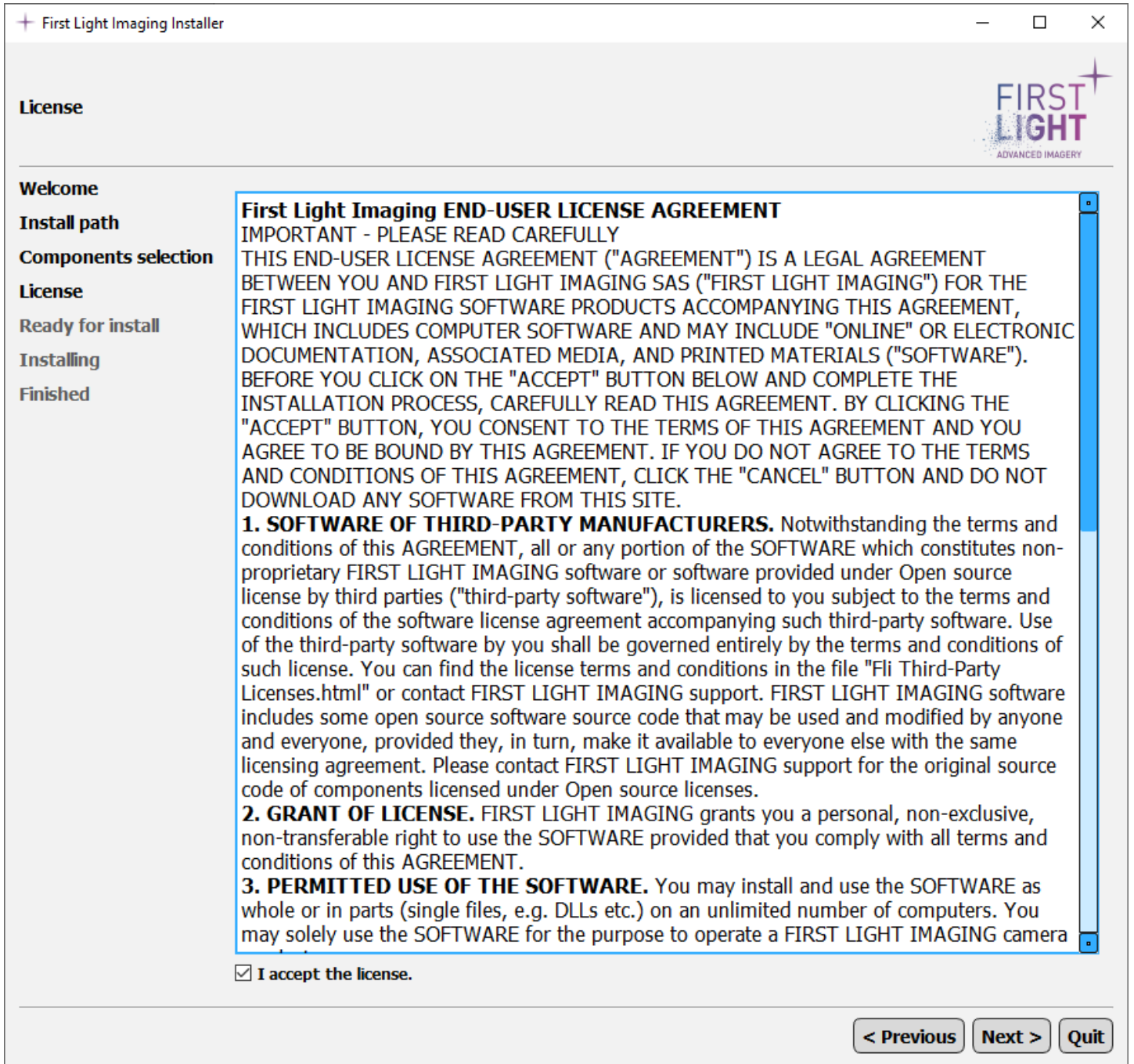



Fig. 4 : License agreement

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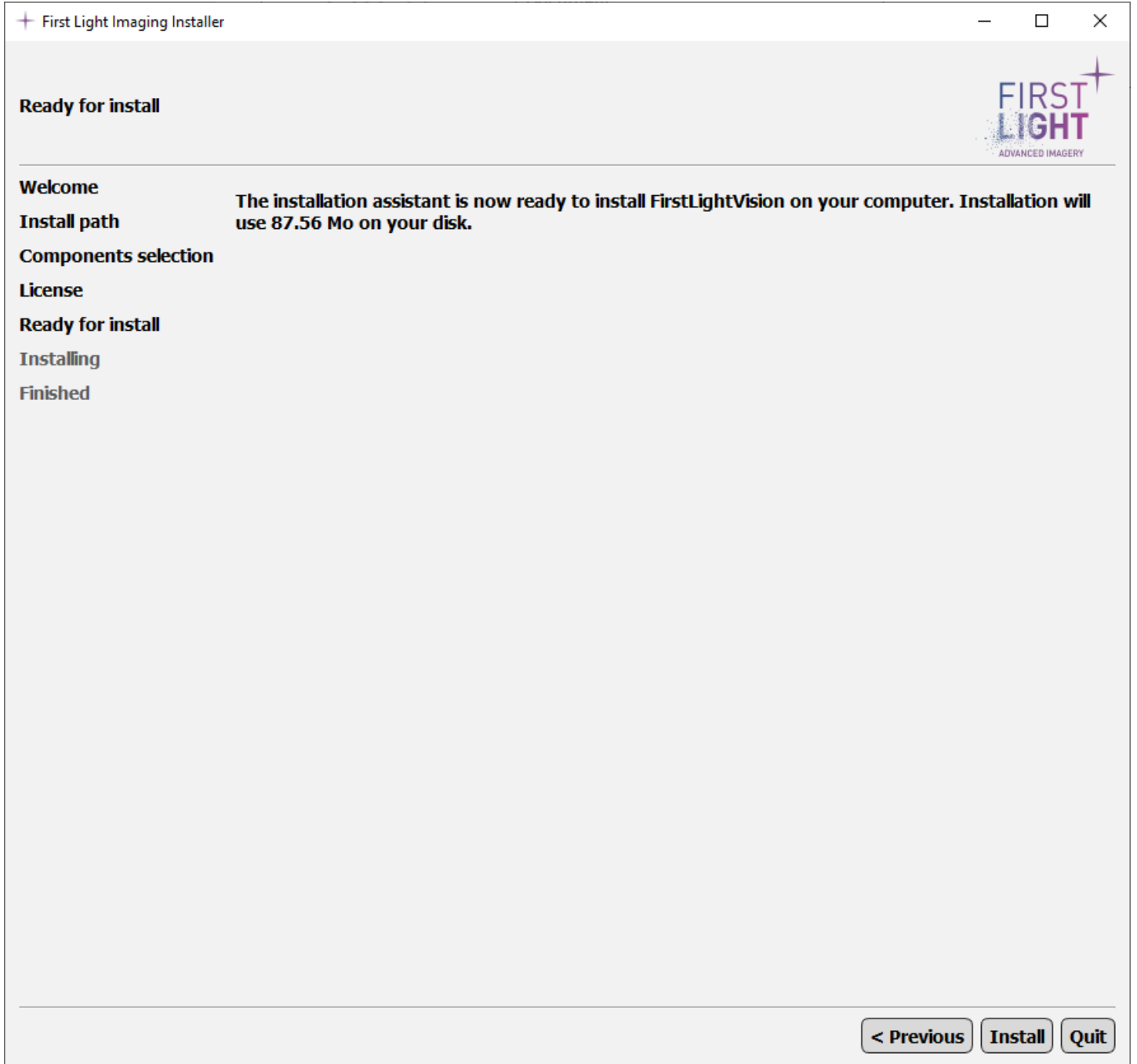



Fig. 5 : Launching install

Click on *Install* to launch the installation.

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The installation progress window appears.

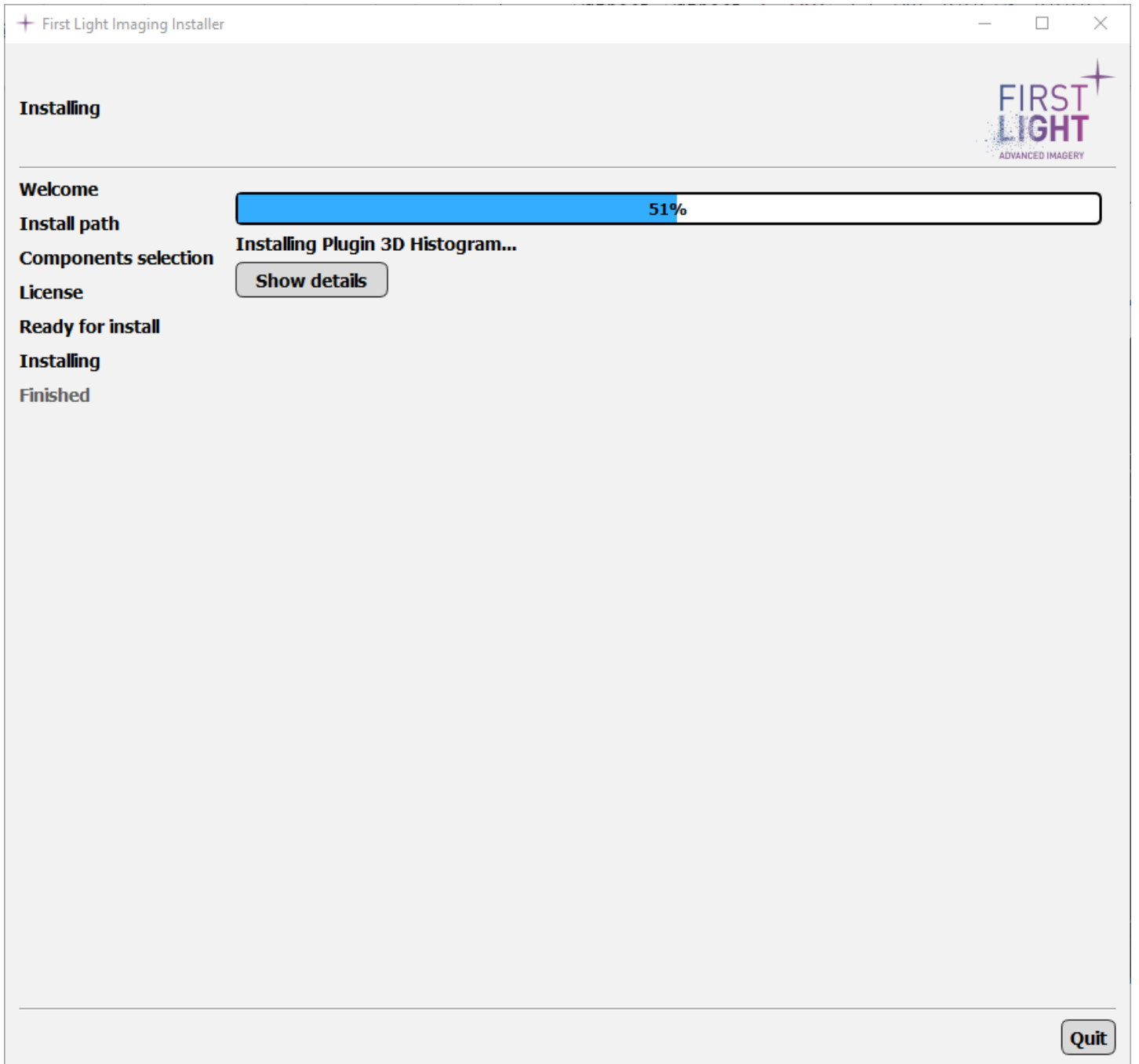



Fig. 6 : Installation progress for offline installer

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2.2. USB driver installation

At the end of the SDK installation, the driver installation is launched automatically.

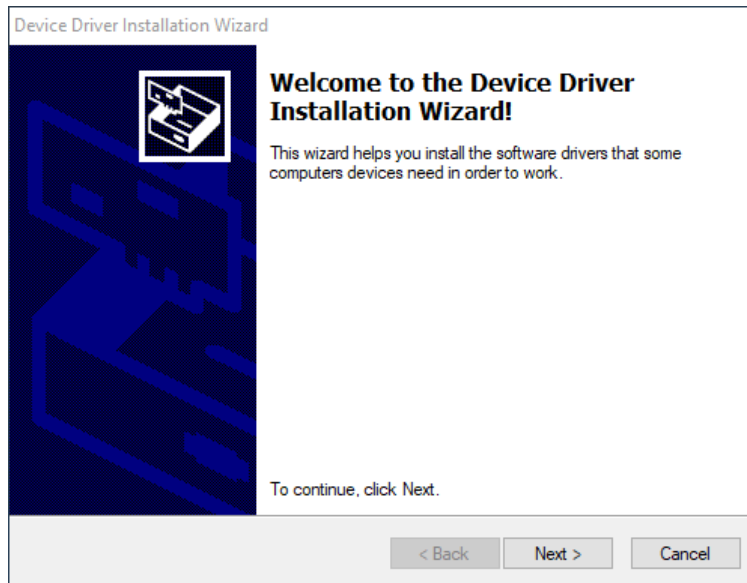


Fig. 7 : USB device driver installation setup

Click *Next* to perform driver installation.

One or several popup windows may appear to request user to confirm installation of the USB devices drivers.

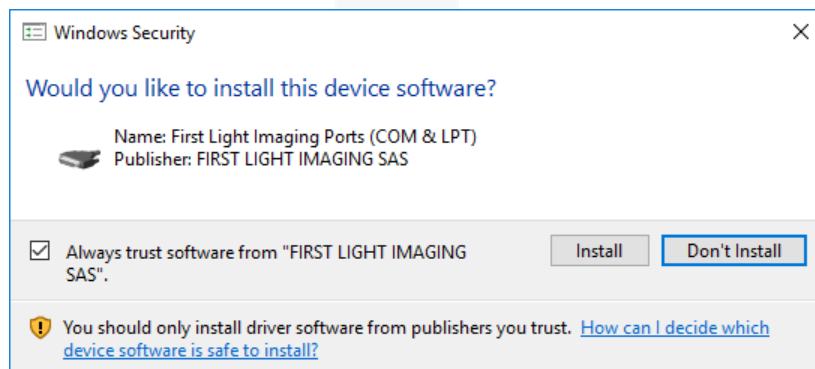


Fig. 8 : C-RED 2 serial port driver installation popup

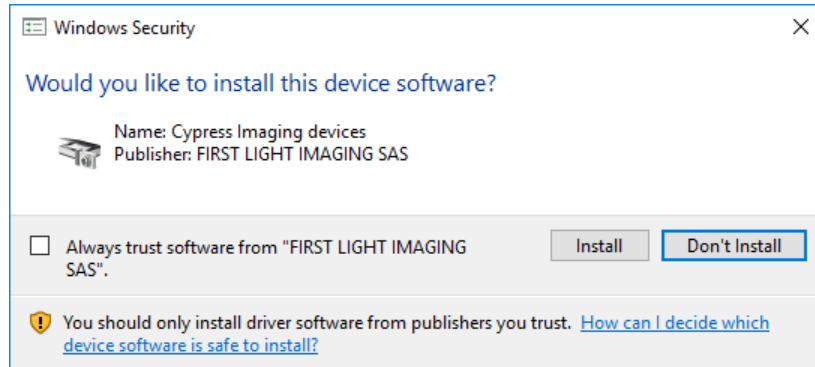


Fig. 9 : C-RED 2 acquisition driver installation popup

Checking *Always trust software from "FIRST LIGHT IMAGING SAS"* is optional. If checked, the First Light Imaging certificate will be added in the system and popup windows will no longer be displayed.

Click *Install* to perform driver installation.

At the end of the driver installation, a popup window is shown to indicate the status of the driver installation.

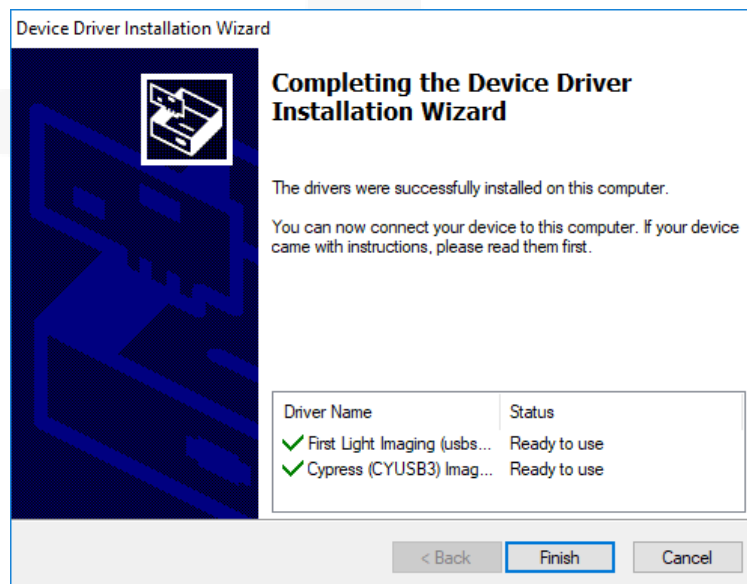



Fig. 10 : USB device driver installation completion

Click *Finish* to close the window.

A popup window indicating the end of the SDK installation appears.

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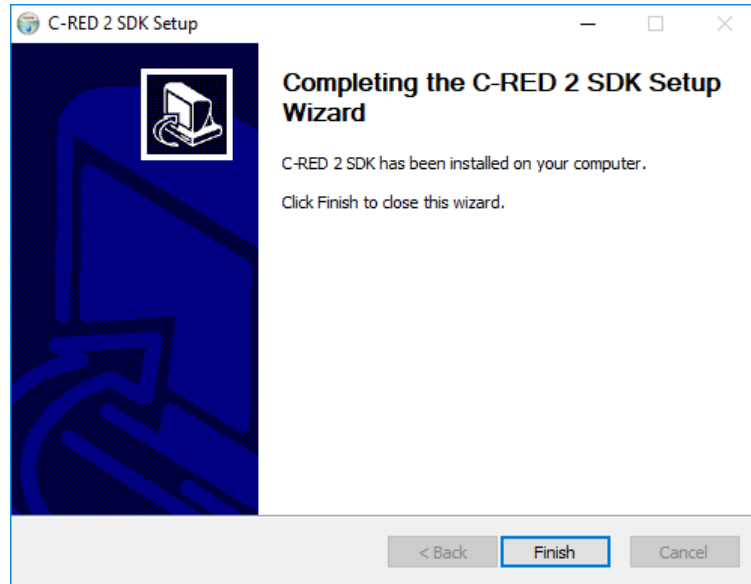



Fig. 11 : C-RED 2 SDK installation completion

Click *Finish* to close the window.

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2.3. End of installation

The installation is now complete.

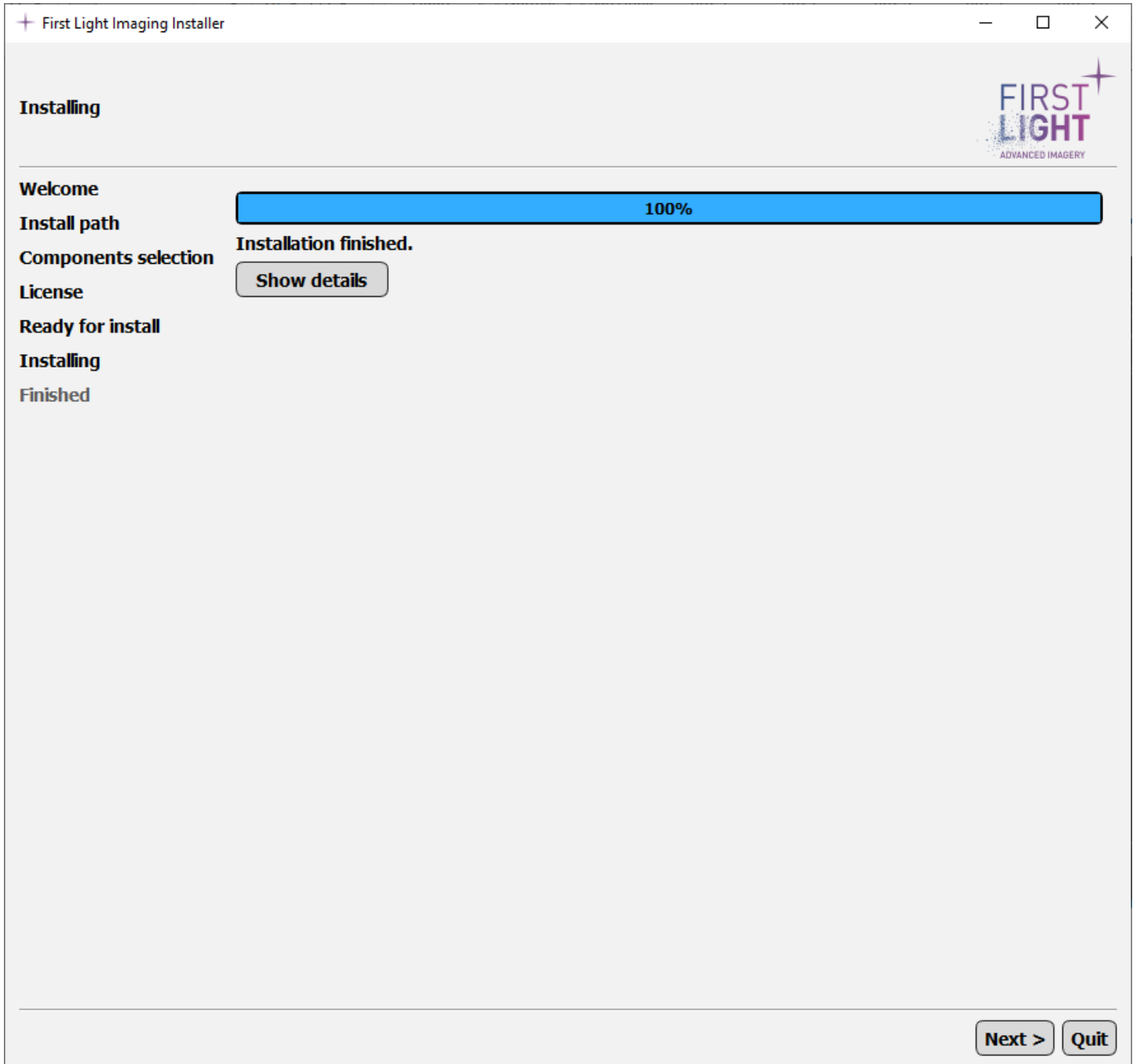



Fig. 12 : End of install

Click on Next,

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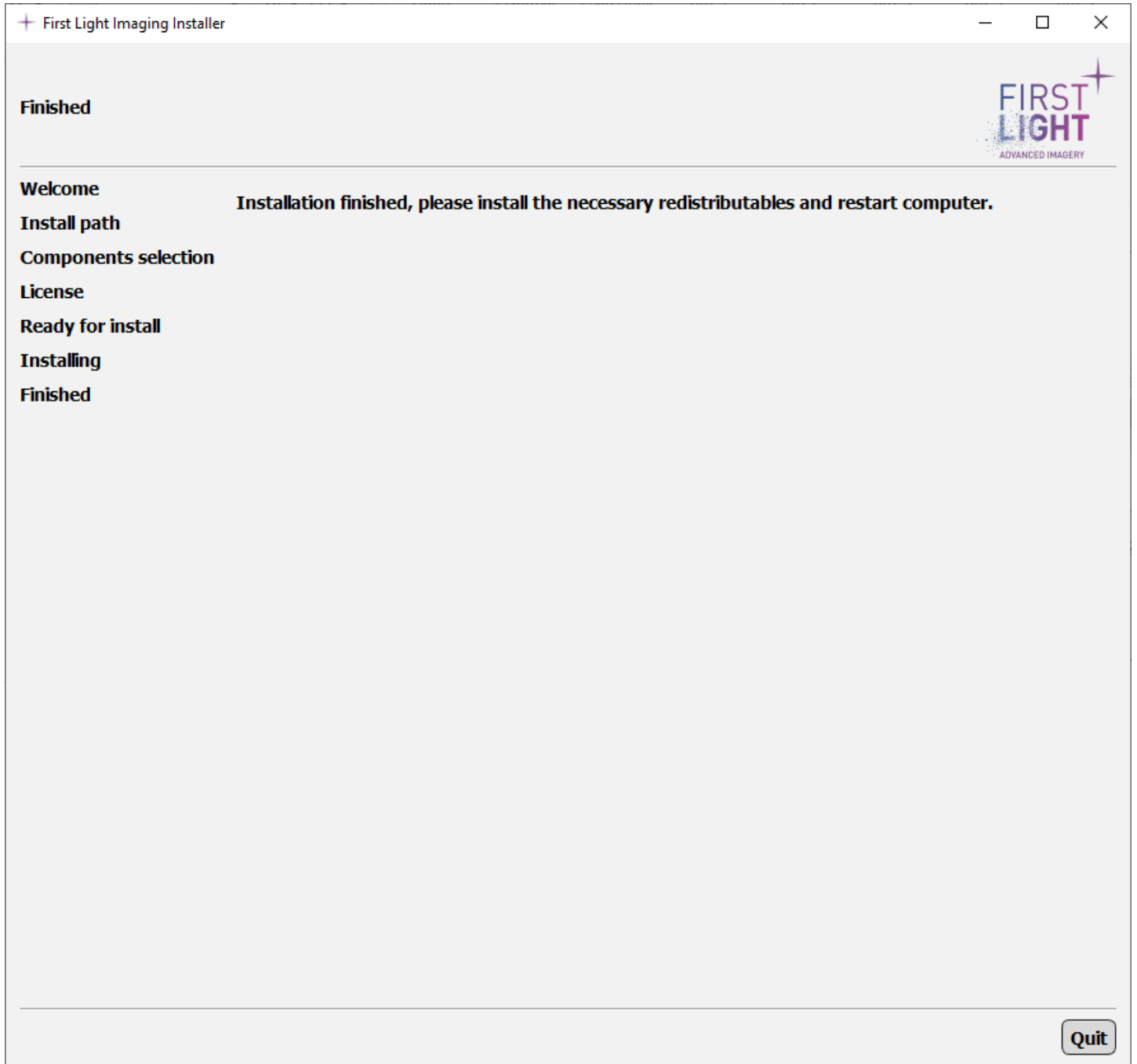


Fig. 13 : End of installation

Click on Quit.

Install the necessary redistributables (located in InstallDir/Redistributables) and reboot the computer.

3. Verification of proper installation.

Once your computer is rebooted, please verify the installation directory, the following should be displayed:

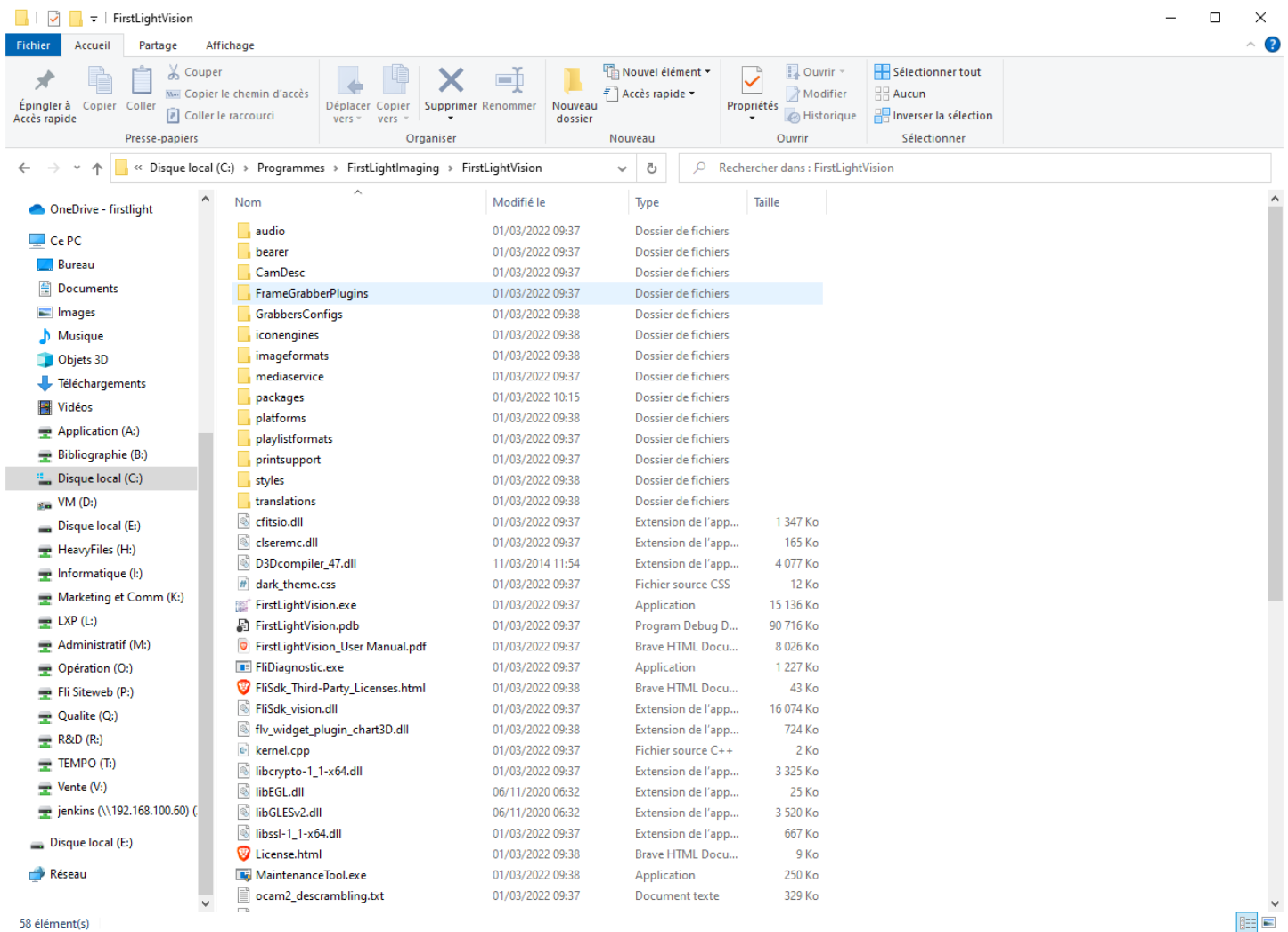


Fig. 14 : Install directory