



RELEASE NOTES

**BioLight Studio Software
Patch 1.04.02_D**





REQUIREMENTS

The following items are required for installing the patch:

- PerkinElmer LS 45/50/55 Spectrometer
or
- PerkinElmer Lambda Platform Spectrometer with serial interface (L2-L45)
- Operating System: Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP
- BLStudio Version 1.04.02

INSTALLATION

Download the patch file and unzip it to a folder on your computer or an USB stick. Copy the desired files into your BLStudio program directory (typically C:\Program Files (x86)\BL Studio). The files are independent, that is, depending on your requirements you can copy one, two or all files. (PELSSamplePrep is used for FL only, PELASamplePrep is used for UV only). Please note, that you will need Windows administrator rights to copy files into the program directory.

This patch file includes the previous patches 1.04.02_A, 1.04.02_B and 1.04.02_C

CONTACTS

In case of queries while using this software please contact:

BioLight Luminescence Systems GmbH.

Contact: www.BioLight.com

Support: Support@BioLight.com

TABLE OF CHANGES

File	Description of Changes Implemented	Components Affected
BLDevelopment.exe (1.04.05)	Enhanced function key definitions: Dialogue can be started to add user event to audit trail manually. ResultFileName is determined on creation of the result, rather than on file save. Thus the ResultFileName is correctly displayed in the report now.	BLDevelopment, BLRoutine, BLValidation.
BLRoutine.exe (1.04.05)	Internal name and GUID of a result was incorrectly updated AFTER the file has been saved. Event dialogue can be started to add user event to audit trail manually via function key. ResultFileName is determined on creation of the result, rather than on file save. Thus the ResultFileName is correctly displayed in the report now.	No effects on other components
BLValidation.exe (1.04.04)	Event dialogue can be started to add user event to audit trail manually via function key.	No effects on other components



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LAST EDIT: 28.09.2018

File	Description of Changes Implemented	Components Affected
BLAdministration.exe (1.04.04)	New login mode "Use verified Windows Login" to force a new login dialogue, whenever a BLStudio application is started. Added domain support for users: <username>@<domainname>	BLAdministration, BLDevelopment, BLRoutine, BLValidation.
BLCalculator.exe (1.04.03)	Added peak/FWHM function, needed for IQOQ.	No effects on other components
PELSSamplePrep.ocx (1.04.03)	BatchInfo was not updated when no samples/ references were measured. As result a batch info entered before starting a measurement was not displayed in the report.	FL only: used by sample page of BLDevelopment and BLRoutine, No effects on any Acquisition, Calculation, Report or Administration module
PELASamplePrep.ocx (1.04.03)	BatchInfo was not updated when no samples/ references were measured. As result a batch info entered before starting a measurement was not displayed in the report.	UV only: used by sample page of BLDevelopment and BLRoutine, No effects on any Acquisition, Calculation, Report or Administration module
DataCalc.ocx (1.04.03)	Added peak/FWHM function, Added button to select and display all steps, display all steps in report. By default the last calculation step resulting in a curve is selected and the corresponding curve is displayed. In all step dialogues the source curve is now displayed correctly. External global curves are loaded correctly Arithmetic formula is re-loaded correctly in AddStep dialogue	No effects on any module except datacalc.ocx