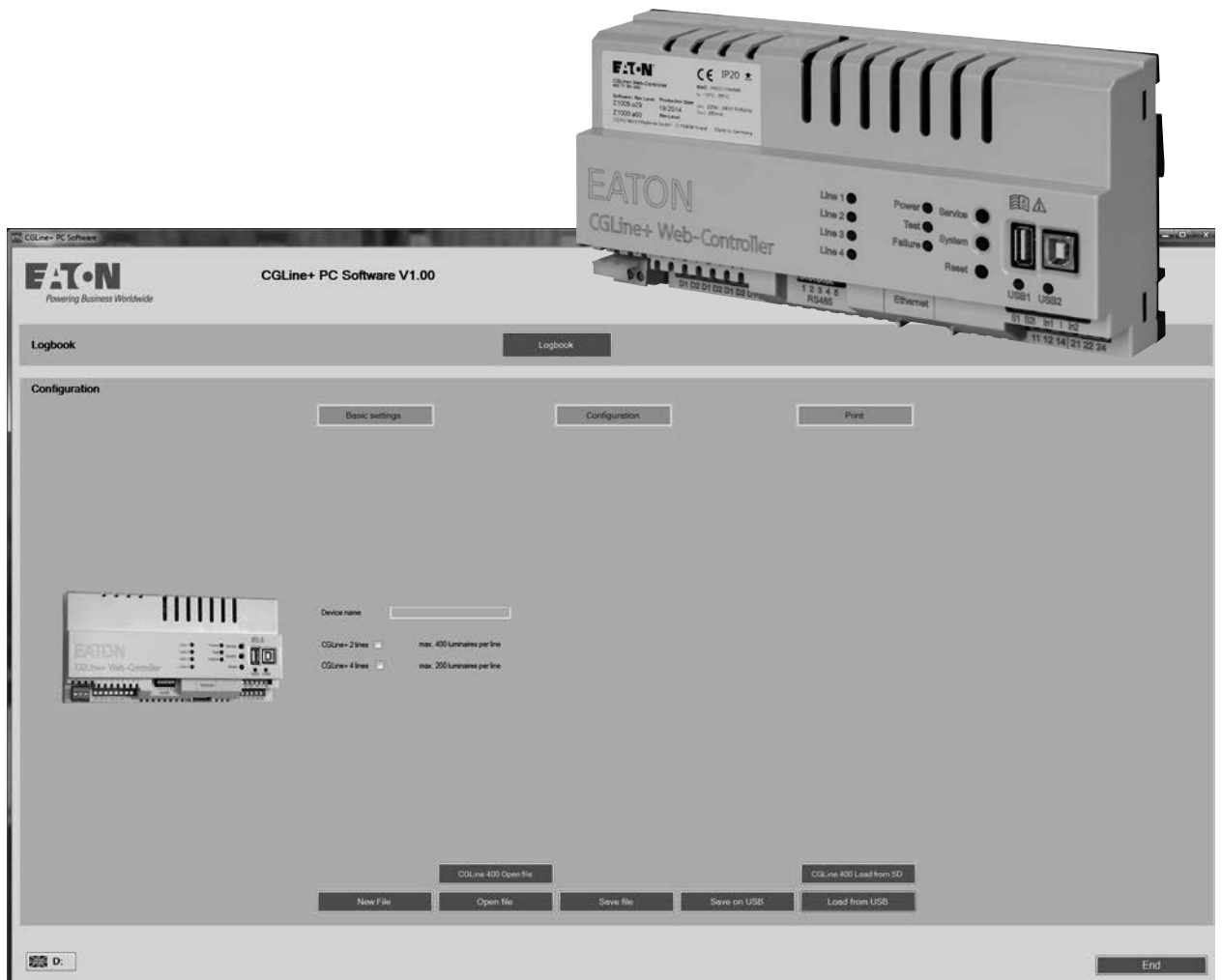


# PC Software CGLine+ Web-Controller

## Installation and Operating Instructions PC Software CGLine+ Web-Controller

Target group: Installer, end user



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## 1 Introduction / Foreword

The CGLine+ PC-Software allows the easy configuration of a CGLine+ Web-Controller and the comfortable analysis of the logbook on the PC.

All luminaires can be assigned to logical addresses, and destination text with 20 (name) + 100 (description) characters for each luminaire are easily editable.

For the configuration of the CGLine+ Web-Controller and the luminaires, an USB cable between controller and PC is required. The logbook can read out via the same USB-connection, or with an external USB-Stick.



### NOTE

All described settings must be undertaken via the „OK“ button! By clicking on „Cancel“ all settings on the visible dialog box will be cancelled.

## 2 Commissioning procedure for a CGLine+ system



### NOTE

This commissioning procedure is suitable for the CGLine+ 4 line installation.

This guideline describes the typical commissioning procedure a CGLine+ system, containing a CGLine+ Web-Controller and CGLine+ luminaires with help of the CGLine+ PC-software.

Following steps are recommended be for commissioning CGLine+ installation:

**Conditions:** Hardware installation of the CGLine+ Web-Controller and CGLine+ luminaires must be ready for operation.

- Start of a luminaire search on the CGLine+ Web-Controller, with pressing of the „Service“-button for >6 seconds. Luminaire search starts. After approx. 3 minutes all recognised luminaires will automatically be assigned a logical address from 1-200 of each line.
  - Connect the PC (e.g. laptop) with CGLine+ PC software to the CGLine+ Web-controller (See chapter 3 – Hardware preparation)
  - Activate the USB-Port2 (see chapter 3.1 – Activate USB-connection)
  - Install the CGLine+ PC-software (see chapter 4 – Installation of the CGLine+ PC-software)
  - Start the CGLine+ PC-software and select the right drive no. (see chapter 5 – Start up settings – drive no.)
  - Load the configuration of the CGLine+ controller to the PC-software (see chapter 6.1 – Load configuration via USB connection)
  - ONLINE: Configuration of the connected CGLine+ Web-Controller
- or
- OFFLINE: Disconnect the Controller (see chapter 3.2), to configure OFFLINE in an office

- Configure the basic settings of the CGLine+ Web-Controller, e.g. test dates (see chapter 6.2 – Configuration of the basic settings)
  - Configure all connected luminaires (Assign logical addresses, edit luminaire names & information text, see chapter 6.3)
  - ONLINE: Send the new configuration to the CGLine+ Web-controller
- or
- OFFLINE: Connect the PC again to the CGLine+ Web-Controller (see above) and send the new configuration to the CGLine+ Web-Controller

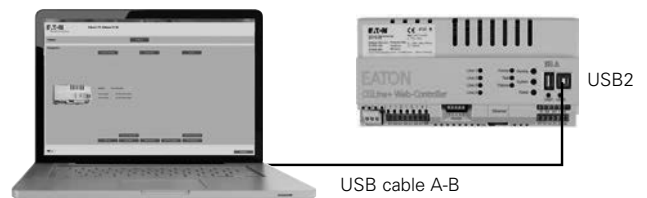
Detailed information are described in this instruction manual.

The USB connection must be disconnected after loading the configuration (see chapter 3.2)

**Important:** After disconnection of the USB connection, the CGLine+ Web-Controller starts a new luminaire assignment. This procedure takes approximately 10 minutes. During this time no commands or downloads are allowed, e.g. maintained light OFF or send new configuration!

## 3 Hardware preparation

Please connect an USB cable (with USB-A and USB-B plug) to the CGLine+ Web-Controller (on USB Port 2) and a PC.



**Fig. 1. Connecting the controller to a laptop with CGLine+ PC-Software via USB A-B**

### 3.1 Activate USB connection

Press the „System“ button ① on the CGLine+ Web-Controller for 3 seconds. The yellow LED on the USB2 Port ② will light up. Windows will detect a new drive in the explorer, as it connects. Please note the assigned drive name e.g. (F:)

This connection will automatically disconnect after 5 minutes of inactivity!



**Fig. 2. Activation of USB connection**

## 4 Installation of the CGLine+ PC software

### 3.2 Deactivate the USB connection

To avoid loss of data, it is necessary to deactivate the USB connection after configuration. To deactivate the connection, please use the windows hardware remove function and as a second step press the system button at the controller for 3 seconds. The green LED must turn off.

## 4 Installation of the CGLine+ PC software

Insert the software CD in a DVD-ROM. If the installation does not start automatically, start the „Setup.exe“ from Windows explorer. Please follow the installation instructions on screen during the installation.

After the installation the software can be started from the desktop via mouse click on CGLine+ PC software icon or via the Windows startmenu in the folder

Eaton > CGLine+ PC-Software > CGLine+ PC-Software

## 5 Startup settings – drive no. and language

After start of the PC-software following screen appears:



At first, it is necessary to select the right language and the drive no. of the CGLine+ Web-Controller. For this, please click on the flag 1, a new screen appears:



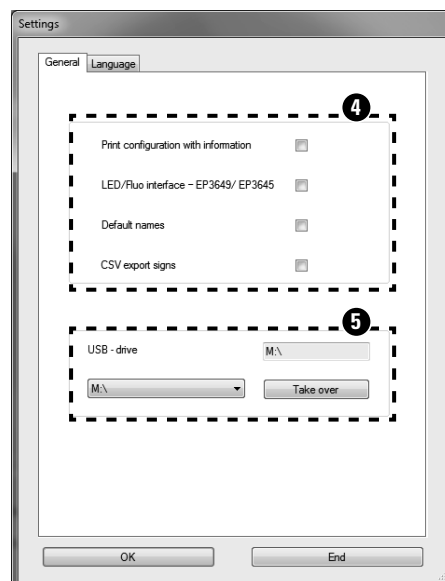
If another language is required, please select the tab „Language“ 2.



Please select the right language and click OK. The language will change immediately.

To configure the drive no., go back to register „General“

3.



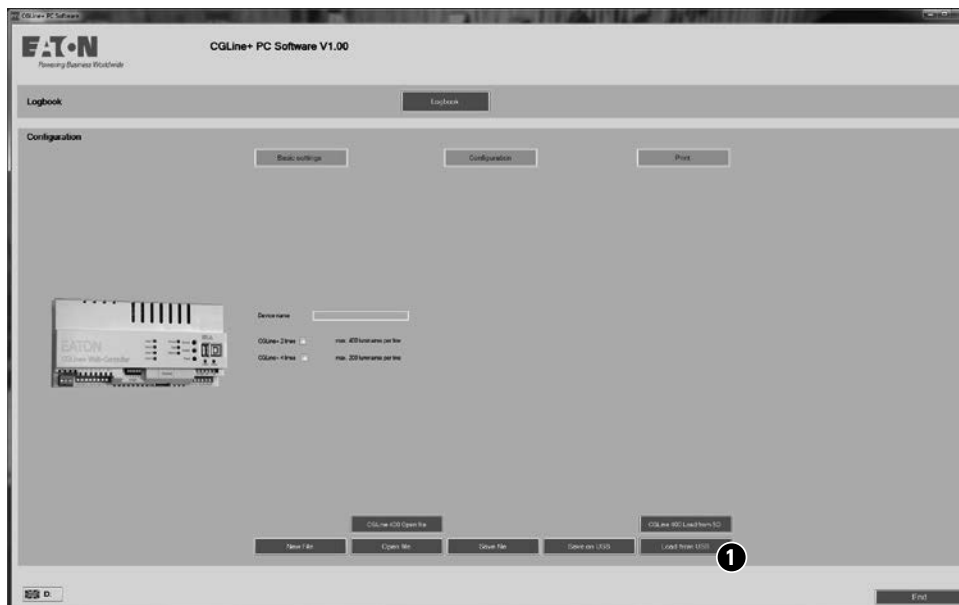
Advanced settings 4: Before configuration it is possible to set some advanced settings. For more details see chapter 6.5 Additional features.

To select the right USB drive name 5, please choose the right drive letter, and click „Take over“. To resume the CGLine+ Web Controller Setup, click on „End“.

## 6 CGLine+ Web-Controller setup

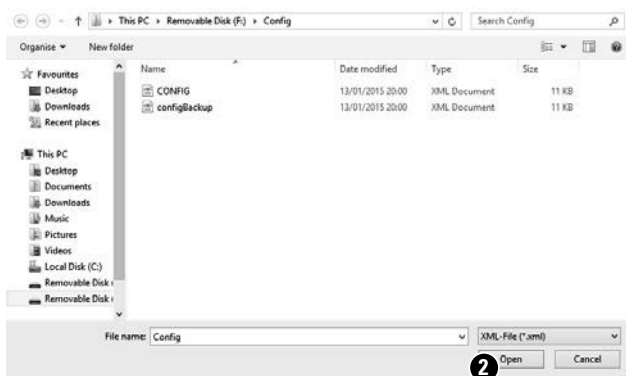
### 6.1 Load configuration via USB connection

Please ensure that the USB connection between CGLine+ Web-Controller and Windows is activated. See chapter 3.1 Activate USB connection.



To start the download from the controller to the PC-software, click on „Load from USB” **1**.

The pre-selected USB drive opens. To start, select the config file and click „Open” **2**.



Configuration download is in progress.

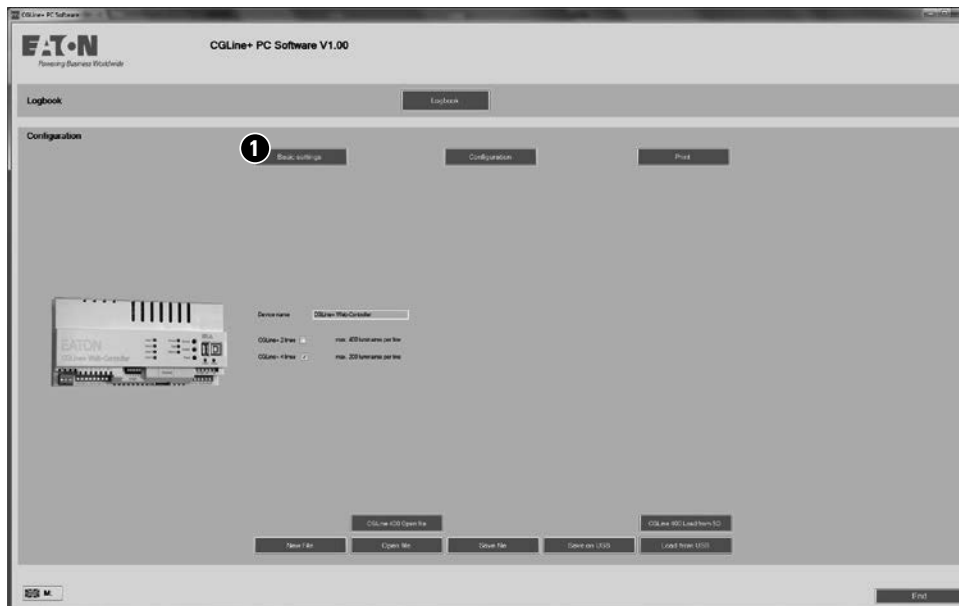


## 6 CGLine+ Web-Controller setup

### 6.2 Configuration of „Basic settings“

After the download, access to the configuration is open (blue buttons).

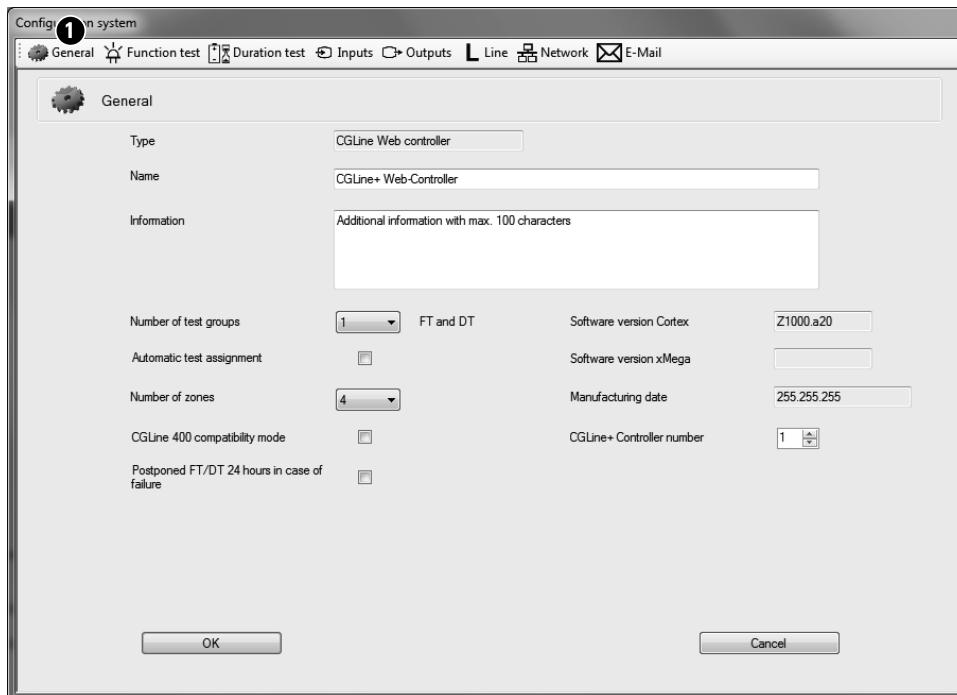
The configuration screens of the controller will appear by clicking „Basic settings“ ①.



### NOTE

For setting up the Adaptive Evacuation mode, please read the AE manual.

## 6.2.1 General settings



**Type:** Fixed name for the CGLine+ Web Controller.

**Name:** Free configurable name with max. 20 characters, this appears in the head of web-site as well.

**Information:** Free configurable information text with max. 200 characters.

**Number of test groups:** Selection of no. of luminaire test groups, between 1 and 8 groups are selectable. To select the function test times of the test groups, please see chapter 6.2.2 Function test settings. To select the duration test times of the test groups, please see chapter 6.2.3.

Note: Please plan and assign the no. of test groups, before you start the luminaire configuration in chapter 6.3.

**Automatic test assignment:** If this is activated, the system will assign all luminaires to 8 test groups automatically.

**Number of zones:** The luminaires can be assigned to different zones, which can be defined areas, with 2 lines it is possible to assign the luminaires in 4, 8, 10 or 16 zones. With 4 lines it is possible to assign the luminaires in 2, 4, 5 or 8 zones.

Note: Please plan and assign the no. of zones, before you start the luminaire configuration in chapter 6.3.

**CGLine 400 compability mode:** If one or more CGLine 400 luminaires are connected to the CGLine+ Web Controller, the controller works in CGLine compatible mode. Please note, in CGLine 400 compatible mode the whole system can only work with CGLine functionality!

**Postponed FT/DT 24hours in case of failure:** If this function is active, the controller will shift test for 24 hours, if a luminaire was in emergency mode within 24 hour before, to ensure the battery is fully load for the test.

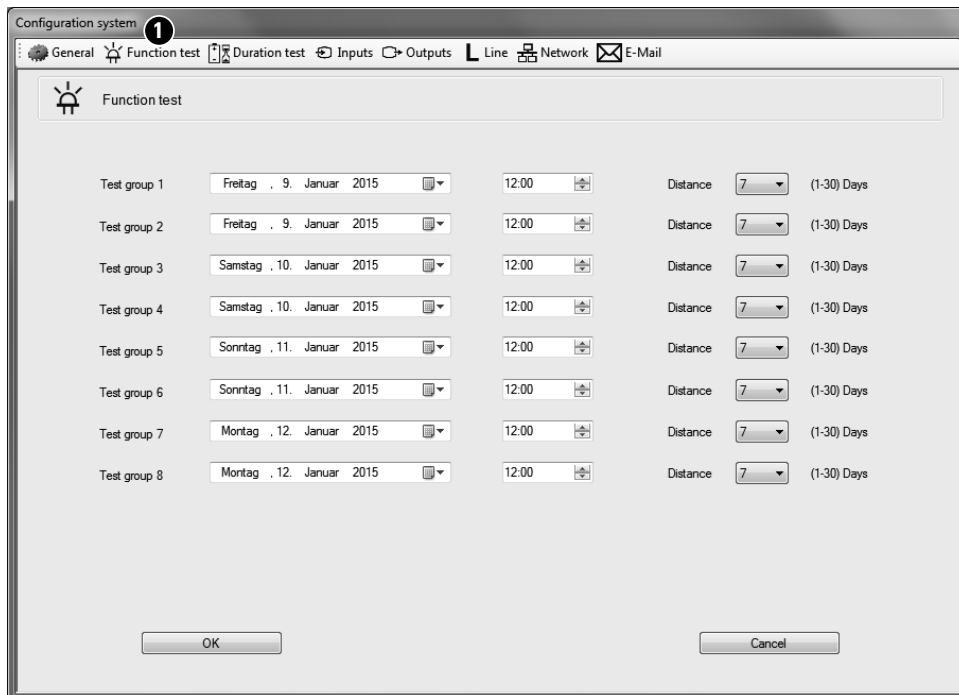
**Software version:** Show the software release of the 2 micro controllers.

**Manufacturing date:** Date of manufacturing & test of the CGLine+ Web Controller.

**CGLine+ Controller number:** Logical number of the controller (1-99), important for building layout programming.

## 6 CGLine+ Web-Controller setup

### 6.2.2 Function test settings



Under the menu „Function test“ **1**, it is possible to select the function test times (start date and time) and the interval of the function test from 1 to 30 days.

Only the test groups are visible, which are selected in the menu „General“ (No. of test-groups 1 to 8).

To change the start date, it is possible to overwrite the date Day/Month/Year with Numbers, e.g. 11,04,2015 = 11. April 2015.

Other possibility is to open the calendar icon on the right side next to the year. A calendar appears to select the desired test start date. Same procedure for the start time (hours / minutes).

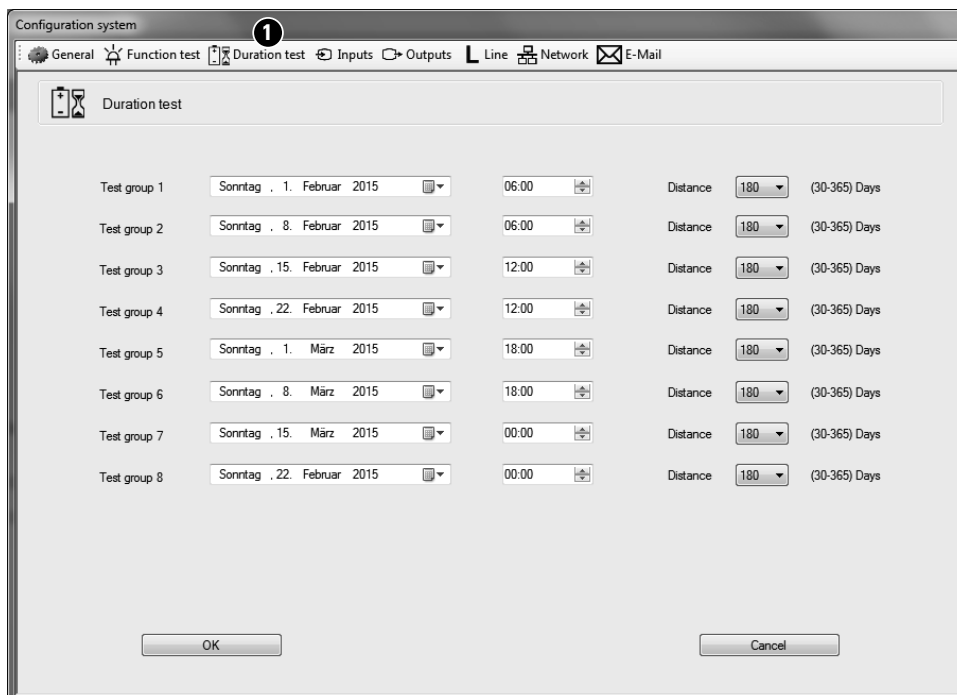
**Note: The start time settings are in 24hours format, e.g. 6:00pm = 18:00**

On the right side it is possible to select the test interval in days from 1 until 30 via the drop down menu.

Default setting is 7 days = weekly according to the standard.



### 6.2.3 Duration test settings



Under the menu „Duration test“ **1**, it is possible in a same way as the Function test to select the duration test times (start date and time) and the interval of the duration test from 30 to 365 days.

Only the test groups are visible, which are selected in the menu „General“ (1 to 8).

To change the start date, it is possible to overwrite direct the date Day/Month/Year with Numbers, e.g. 11,04,2015 = 11. April 2015.

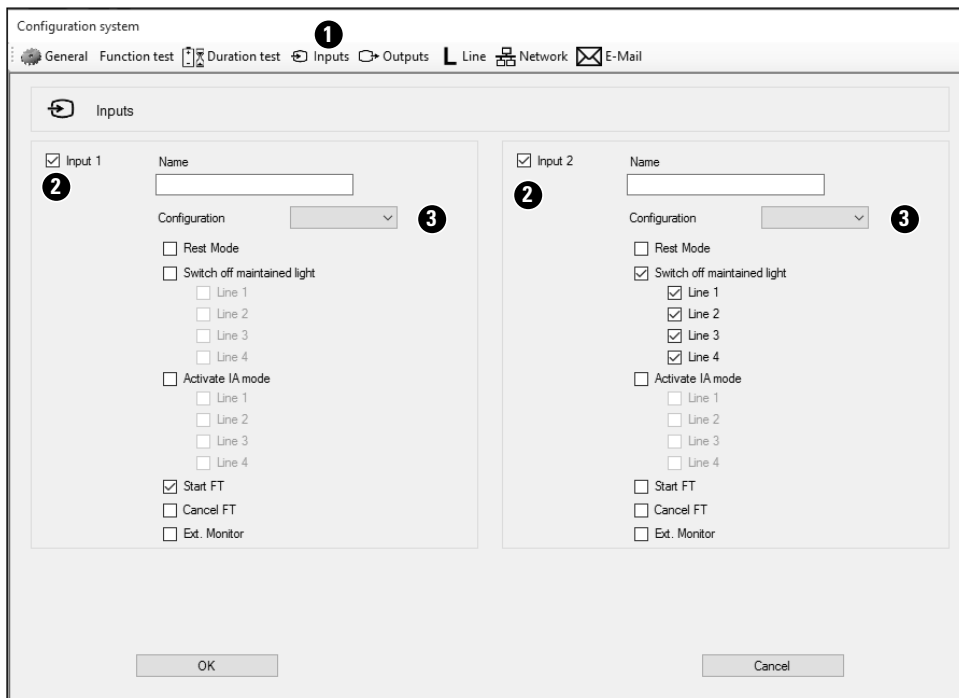
Other possibility is to open the calendar icon on the right side next to the year. A calendar appears to select the desired test start date. Same procedure for the start time (hours / minutes).

**Note: The start time settings are in 24hours format, e.g. 6:00pm = 18:00**

On the right side it is possible to select the test interval in days from 30 until 365 via the drop down menu.

Default is 180 days = half year

### 6.2.4 Digital inputs



The example configuration of the two inputs on the left has following functions:

#### Input 1:

Name: Start function test  
 Configuration: As normally closed, the function test of all connected luminaires will start, if the input 1 terminals are interrupted.  
 Start FT: Activate the function test

#### Input 2:

Name: Switch Light OFF/ ON  
 Configuration: As normally open, all connected luminaires will Switch OFF to non-maintained light, if the input 2 terminals are short-circuited.  
 Switch off maintained light (Line1 to 4): Activate the Switching mode Maintained light OFF or ON

Under the menu „Inputs“ ①, it is possible to configure the two digital inputs. In Factory default mode, the inputs are not configured. The inputs 1 and 2 can be activated via the hooks ②.

To activate the inputs an auxiliary voltage is not necessary. Only a short-circuit or an interruption of the input terminals depending of the configuration as „normally open“ or „normally closed“ is required. See below.

**Name:** A free name with max. 20 characters can be added in the blank field.

**Configuration:** With the drop down menu ③ the logical function of the input must be selected. If the input is configured as „Normally closed“ a short circuit will activate the selected function. If the input is configured as „Normally open“ an interruption will activate the selected function.

**Rest mode:** This will activate the rest mode of all connected luminaires. For further information of the rest mode function, please see the manual of the CGLine+ Web-Controller.

**Switch off Maintained light (Line1 to Line4):** This function allows to switch all luminaires per selected lines in maintained light OFF or ON in normal operation. In emergency mode all luminaires will switch ON in battery mode.

Notes: To switch the luminaires in maintained light OFF and ON, the input L`of the luminaires must be connected.

**Activate IA mode (Line1 to Line4):** This function allows to activate the Increase Affordance mode on all, or on selected lines.

**Start FT:** This will start a function test of all connected luminaires.

**Cancel FT:** This function will interrupt a running function test of all luminaires.

**Ext. Monitor:** This function allows the connection of any external pot.free failure contact of an external device. The status will be displayed as „External Failure“ in the System Staus display of the CGLine+ webserver or in the CGVision.

## 6.2.5 Digital outputs



The example configuration of the two outputs on the left has following functions:

### Output 1:

Name: Battery operation  
Configuration: As normally closed, relay contacts 11 and 14 closed if any luminaire is in battery operation.

Battery operation: Hook activates the relay contact for battery operation

### Output 2:

Name: Luminaire failure  
Configuration: As normally closed, that means relay contacts 21 and 24 closed if any luminaire have a failure.

Luminaire failure: Hook activates the relay contact for luminaire failure

In the menu „Outputs“ ① it is possible to configure the two relay outputs. In Factory default mode the outputs are not configured. The outputs 1&2 can be activated via the hooks ②.

**Name:** A free name with max. 20 characters can be added in the blank field.

**Configuration:** With the drop down menu ③ the logical function of the output must be selected. If the output is configured as „Normally closed“ the contacts 11 and 14 (Output1) or contacts 21 and 24 (Output2) are closed, if the function is active. If the input is configured as „Normally open“ these contacts are interrupted if the function is active.

**Communication failure:** Active if the web-Controller has a communication failure to any luminaire.

**Battery operation:** Active if any luminaire is in battery operation, e.g. due to a mains failure.

**Function test:** Active if any luminaire is in function test.

**Duration test:** Active if any luminaire is in duration test.

**Charging failure:** Active if any luminaire have a charging or battery failure.

**Test failure:** Active if any luminaire indicates an failure during a function test.

**Luminaire failure:** Active if any luminaire have a light source failure.

**3 consecutive units in failure:** Active if min. 3 consecutive luminaires have any failure.

## 6 CGLine+ Web-Controller setup

### 6.2.6 Line

Configuration system

General Function test Duration test Inputs Outputs **Line** Network E-Mail

**L** Line

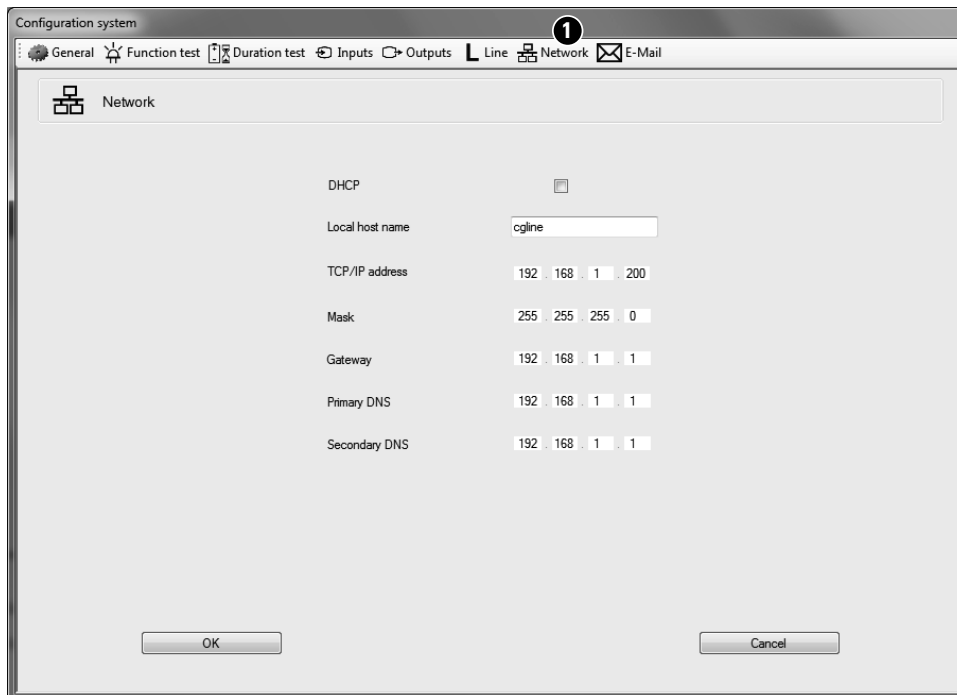
Line 1	Name	info Line1 max:20cha
	Information	additional information for Line1 with max. 200 characters
Line 2	Name	info Line2 max:20cha
	Information	additional information for Line2 with max. 200 characters
Line 3	Name	info Line3 max:20cha
	Information	additional information for Line3 with max. 200 characters
Line 4	Name	info Line4 max:20cha
	Information	additional information for Line4 with max. 200 characters

OK Cancel

Under the menu „Inputs“ **1**, it is possible to add text for each line. The text box „Name“ allows up to 20 characters. The text box „Information“ allows additional text with up to 200 characters.

The text „name“ and „Information“ will be displayed in the status print out from the CGVision software with detailed status information of each luminaire.

## 6.2.7 Network settings



The menu „Network“ ① allows the modifications of all network settings of the CGLine+ Web-Controller. Usually the network settings would be completed in the commissioning phase via a laptop and a peer to peer LAN-connection. (See manual CGLine+ Web-Controller).

This Network setup allows an easy modification via USB connection, if the LAN-settings are lost, and the controller is not reachable anymore.

Following settings are possible:

**DHCP:** Activate/Deactivate of DHCP, allows a dynamic IP address assignment via a DHCP server in the network. The CGLine+ Web-Controller will get automatically an IP address after a reboot.

**Local host name:** Free selectable hostname

**TCP/IP address:** IP address of the controller

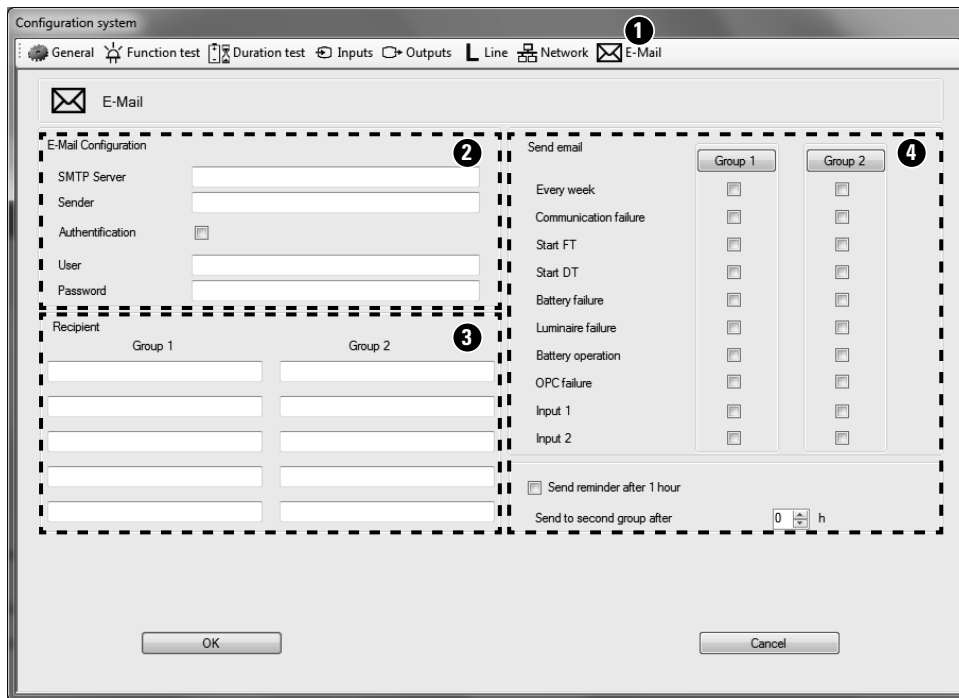
**Mask:** Defines the subnetmask of the Controller in the network. Mandatory.

**Gateway:** Is necessary if more CGLine+ devices are in different subnets

**Primary DNS:** A Primary Domain Name Service allows to use names for IP devices instead of IP addresses

**Secondary DNS:** Allows a second Domain Name Service

### 6.2.8 E-Mail settings



The CGLine+ Web-Controller contains a mail client **1**, which can send emails depending on actual events. It is possible to create up to two mail groups with different mail reasons.

#### **2 E-Mail Configuration**

**SMTP Server:** IP address of the mail-server must be filled in

**Sender:** E-Mail address of the CGLine+ Web-Controller

**Authentication:** Please activate this function,

**User:** if the mail server requires

**Password:** authentication.

#### **3 Recipient**

Possibility to enter up to 10 recipients in 2 groups, 5 recipients in each group, which will get E-mails according to the selected events in 4)

#### **4 Send email**

Selection of the email reason for the 2 recipient groups.

**Every week:** will send out a status mail every 7 days

**Communication failure:** Communication error between a luminaire and the controller occurs

**Start FT / DT:** Send mail if a function test or a duration test of min. 1 luminaire is started

**Battery / Luminaire failure:** Send mail in case of a battery, charger or light source failure

**Battery operation:** Send a mail if min. one luminaire is in battery operation, e.g. during a mains failure

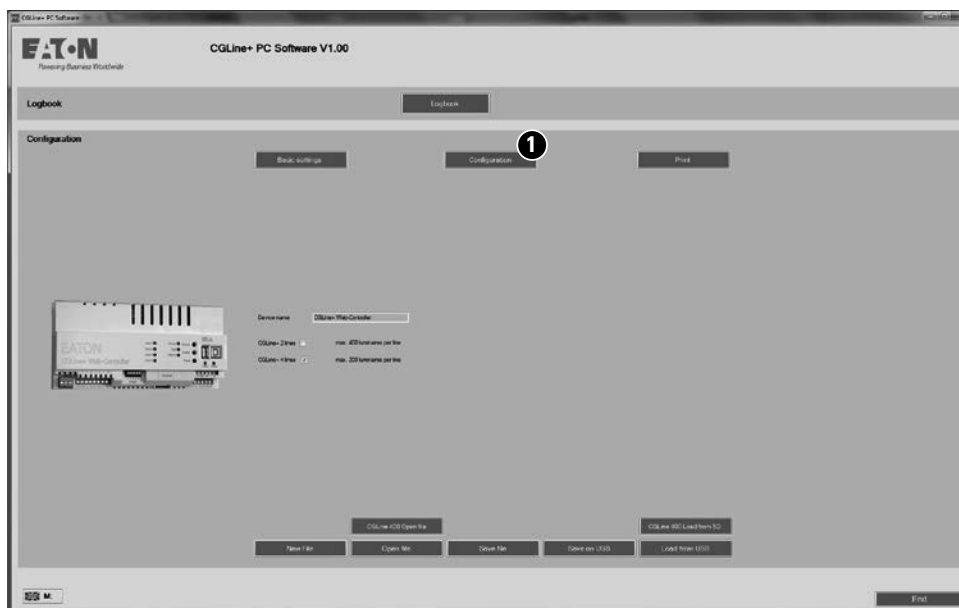
**OPC failure:** Send a mail, if the connection to the CGVision (via OPC) is interrupted

**Input1/2:** Send mail, if the inputs are active according to their settings (see 6.2.4)

**Send reminder after 1 hour:** The controller sends a reminder after 1 hour if this function is active.

### 6.3 Configuration of the luminaires

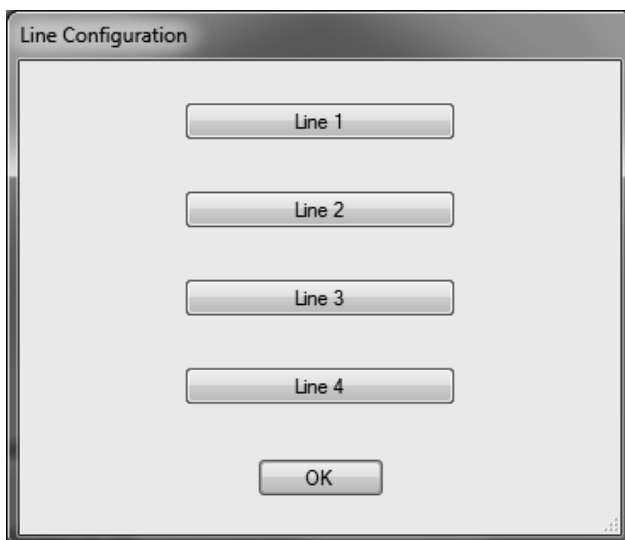
The luminaires can be configured in the menu „Configuration“ ①.



#### 6.3.1 Selection of the line

On the selection box „Line configuration“ the luminaires can be set up on the different lines. Continue with click on the Line button, e.g. Line 1.

After configuration of the luminaires on Line 1, please follow the same process for the configuration of the other lines.

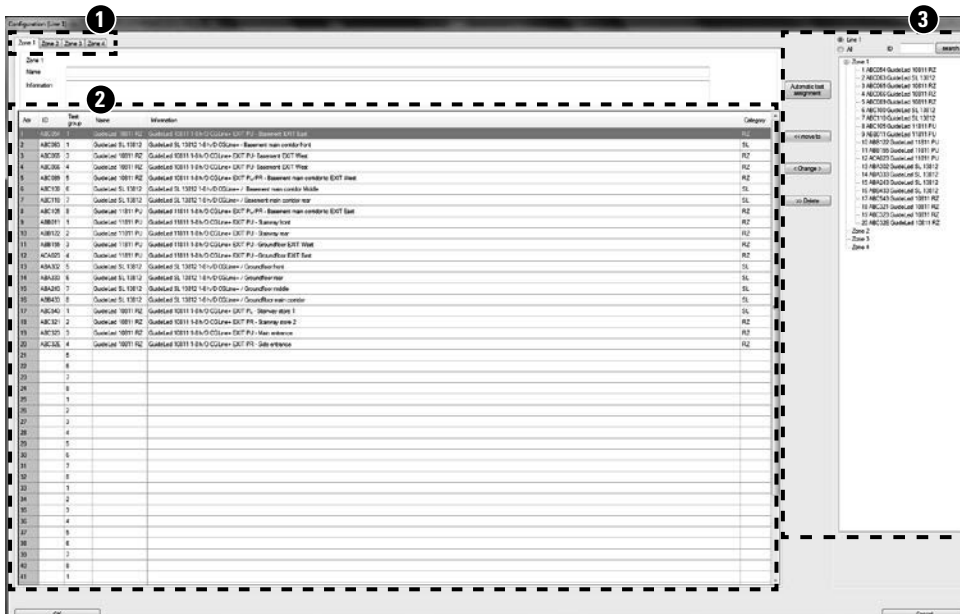


## 6 CGLine+ Web-Controller setup

### 6.3.2 Luminaire configuration of one line

After the selection of the line for the luminaire configuration, the screen below appears. In this menu it is possible to modify the complete luminaire configuration, with logical address assignment, move, swap, edit and delete luminaires and add, copy & paste luminaire information texts. Furthermore it is possible to assign all luminaires in up to 8 individual test groups.

#### 6.3.2.1 Overview of the luminaire configuration screen



- 1 Selection of the zone in the line (the number of the zone can be selected in the general configuration, see 6.2.1 General settings)
- 2 Main list of luminaires in selected zone with:
  - Logical luminaire address 1 to 200 – depends on number of zones
  - Fix HEX-address of the luminaire
  - Name with max. 20 characters
  - Information with max. 200 characters, e.g. location info
  - Category, e.g. EXIT sign
- 3 Second window with configuration tools, to move or swap the luminaires with their logical addresses within the zones



### 6.3.2.2 Copy/Paste of a luminaire line

Adr	ID	Test group	Name	Information
1	ABC054	1	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PU - Basement EXIT East
2	ABC063	1	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ - Basement main corridor front
3	ABC065	3	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PU- Basement EXIT West
4	ABC066	4	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PU- Basement EXIT West
5	ABC089	5	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PL/PR - Basement main corridor to EXIT West
6	ABC100	6	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Basement main corridor Middle
7	ABC110	7	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Basement main corridor rear
8	ABC105	8	GuideLed 11811 PU	GuideLed 11811 1-8 h/D CGLine+ EXIT PL/PR - Basement main corridor to EXIT East
9	ABB011	1	GuideLed 11811 PU	GuideLed 11811 1-8 h/D CGLine+ EXIT PU - Stairway front
10	ABB122	2	GuideLed 11811 PU	GuideLed 11811 1-8 h/D CGLine+ EXIT PU - Stairway rear
11	ABB155	3	GuideLed 11811 PU	GuideLed 11811 1-8 h/D CGLine+ EXIT PU - Groundfloor EXIT West
12	ACA023	4	GuideLed 11811 PU	GuideLed 11811 1-8 h/D CGLine+ EXIT PU - Groundfloor EXIT East
13	ABA302	5	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Groundfloor front
14	ABA333	6	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Groundfloor rear
15	ABA243	7	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Groundfloor middle
16	ABB433	8	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Groundfloor main corridor
17	ABC543	1	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PL - Stairway store 1
18	ABC321	2	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PR - Stairway store 2
19	ABC323	3	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PU - Main entrance
20	ABC32E	4	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PR - Side entrance
21		5		

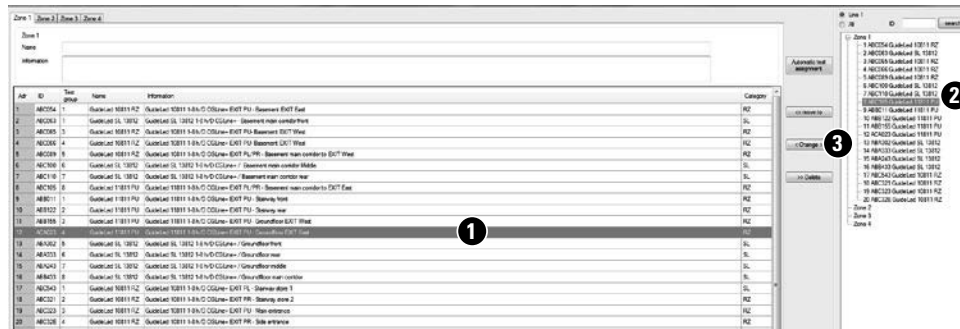
It is possible to copy a complete luminaire line, to use it as text template for other luminaires. With a right mouse click in the main list the copy/paste tool appears **1**. With simple copy and paste the data can be used for other luminaires.

### 6.3.2.3 Direct edit of luminaires data

Adr	ID	Test group	Name	Information
1	ABC054	1	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PU - Basement EXIT East
2	ABC063	1	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ - Basement main corridor front
3	ABC065	3	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PU- Basement EXIT West
4	ABC066	4	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PU- Basement EXIT West
5	ABC089	5	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PL/PR - Basement main corridor to EXIT West
6	ABC100	6	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Basement main corridor Middle
7	ABC110	7	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Basement main corridor rear
8	ABC105	8	GuideLed 11811 PU	GuideLed 11811 1-8 h/D CGLine+ EXIT PL/PR - Basement main corridor to EXIT East
9	ABB011	1	GuideLed 11811 PU	GuideLed 11811 1-8 h/D CGLine+ EXIT PU - Stairway front <b>1</b>
10	ABB122	2	GuideLed 11811 PU	GuideLed 11811 1-8 h/D CGLine+ EXIT PU - Stairway rear
11	ABB155	3	GuideLed 11811 PU	GuideLed 11811 1-8 h/D CGLine+ EXIT PU - Groundfloor EXIT West
12	ACA023	4	GuideLed 11811 PU	GuideLed 11811 1-8 h/D CGLine+ EXIT PU - Groundfloor EXIT East
13	ABA302	5	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Groundfloor front
14	ABA333	6	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Groundfloor rear
15	ABA243	7	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Groundfloor middle
16	ABB433	8	GuideLed SL 13812	GuideLed SL 13812 1-8 h/D CGLine+ / Groundfloor main corridor
17	ABC543	1	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PL - Stairway store 1
18	ABC321	2	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PR - Stairway store 2
19	ABC323	3	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PU - Main entrance
20	ABC32E	4	GuideLed 10811 RZ	GuideLed 10811 1-8 h/D CGLine+ EXIT PR - Side entrance

With double mouse click on the text cell, the edit mode appears **1**. The text can be edited, copied or pasted now.

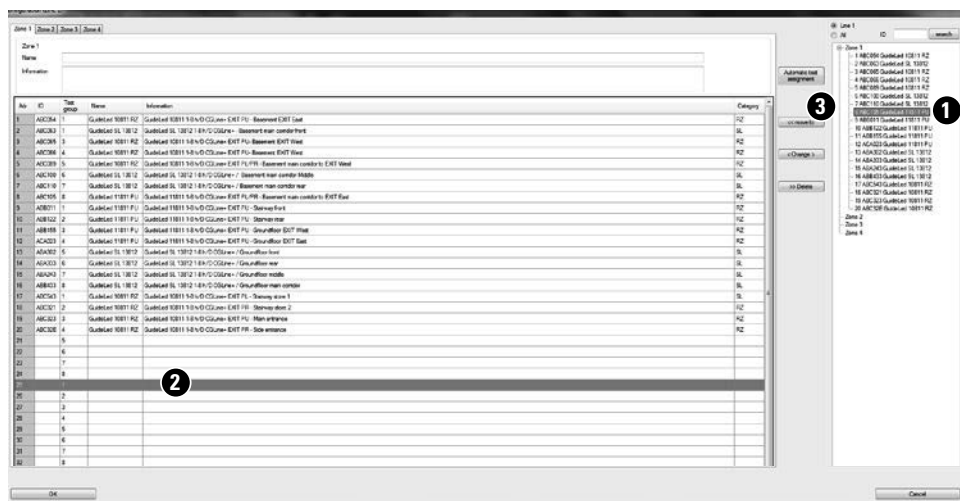
### 6.3.2.4 Swapping of a luminaire address



With the second window, it is possible to swap luminaires with their addresses within the zone. Click on the desired main list luminaire to swap 1. It appears blue, then click on the second window on the other luminaire address 2. To swap the luminaires click on „Change“ 3. All luminaire datas (address, text...) will be swapped now.

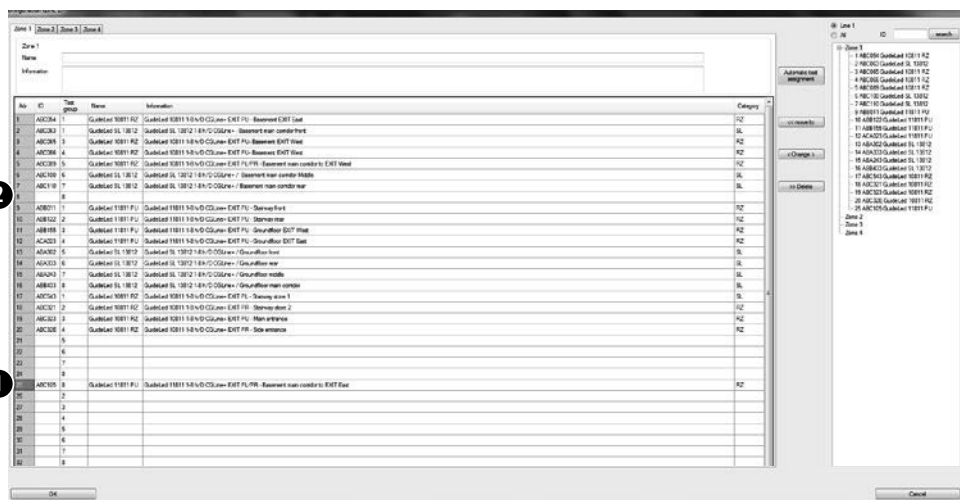
Example shows in the main list zone 1 / luminaire address 12, in the second window zone 1 / luminaire address 8.

### 6.3.2.5 Moving of luminaires within the zone



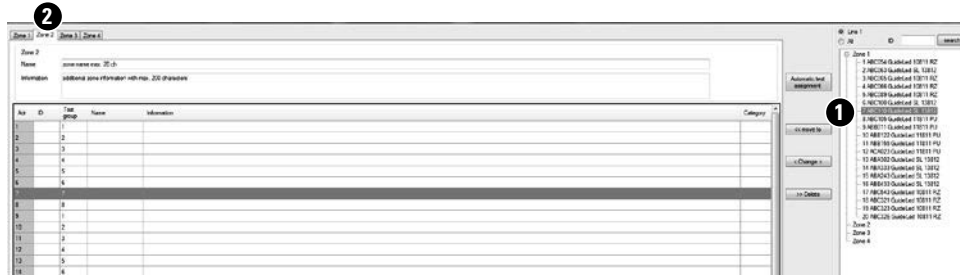
To move a luminaire to another free logical address, click in the second window on the desired luminaire to move 1. Mark the free destination line on the main list 2.

With click on „Move to“ 3 the luminaire will be moved to the desired address.



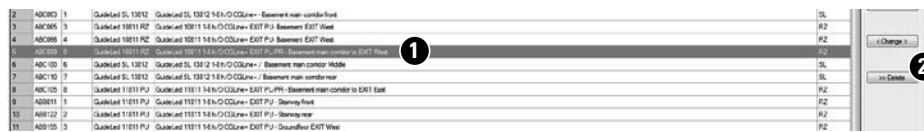
The luminaire appears on its new address 1, the old address line will be empty 2.

### 6.3.2.6 Moving of luminaires to other zones



To move luminaires from one zone in another zone, please select the source zone in the second window **1**, then select the destination zone above of the main list **2**.

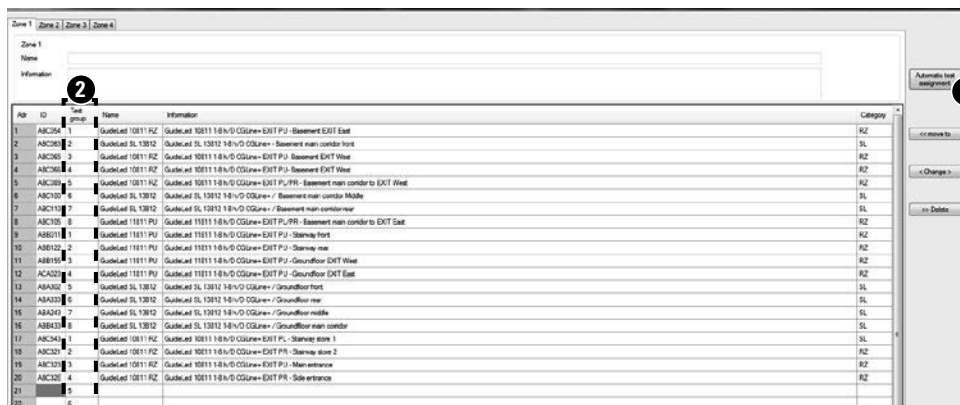
### 6.3.2.7 Deleting of luminaires from the list



To delete a luminaire from the main list, please select desired luminaire to delete (blue) **1**, and click the button „Delete“ **2**.

### 6.3.2.8 Changing the test group assignment

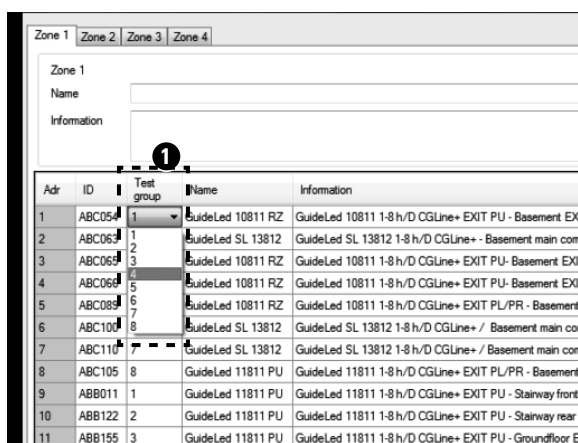
#### 6.3.2.8.1 Automatic test assignment



By clicking on the „Automatic test assignment“ button **1**, all luminaires will be assigned automatically to the selected numbers of testgroups in one row.

Below example show assignment to eight test groups **2**.

#### 6.3.2.8.2 Manual test assignment



To assign the luminaires manually to the individual test groups, please click on a cell in the row „Test group“; a drop down menu will open displaying all available test groups **1**. After selection, the drop down menu closes and the desired test group is set.

## 6 CGLine+ Web-Controller setup

### 6.4 Logbook



The PC software contains a comfortable logbook functionality, which allows complete documentation of all events, e.g. failures for the last 4 years according to standards.

Events and frame of dates and times are free selectable.

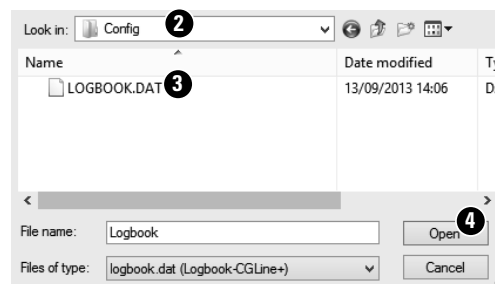
The logbook function can start via the button „Logbook“ on the main screen of the CGLine+ Web-Controller **1**.

After click on „Logbook“, an empty logbook appears (see 6.4.1).

#### 6.4.1 Load a Logbook



To load a logbook, please click on „Load“ **1**.

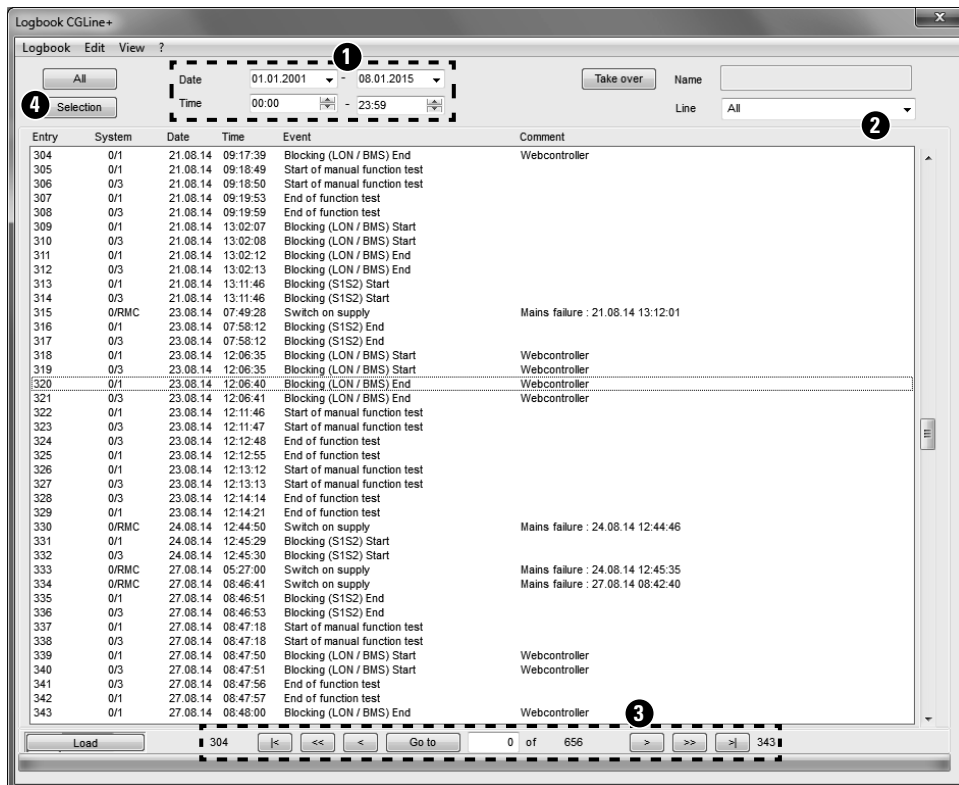


A selection box appears. The Logbook can load direct from the controller via the USB connection, or from an usual USB-Stick. (Please connect an USB-stick (FAT32 formatted) to the USB1 port, the config incl. logbook will automatically saved after 2-3 minutes on the USB-stick. Disconnect it from the controller and put it in a free USB-Port of this PC with CGLine+ PC software)

The Logbook is stored in the folder „Config“ **2**

The LOGBOOK.DAT will appear **3**, click Open **4**.

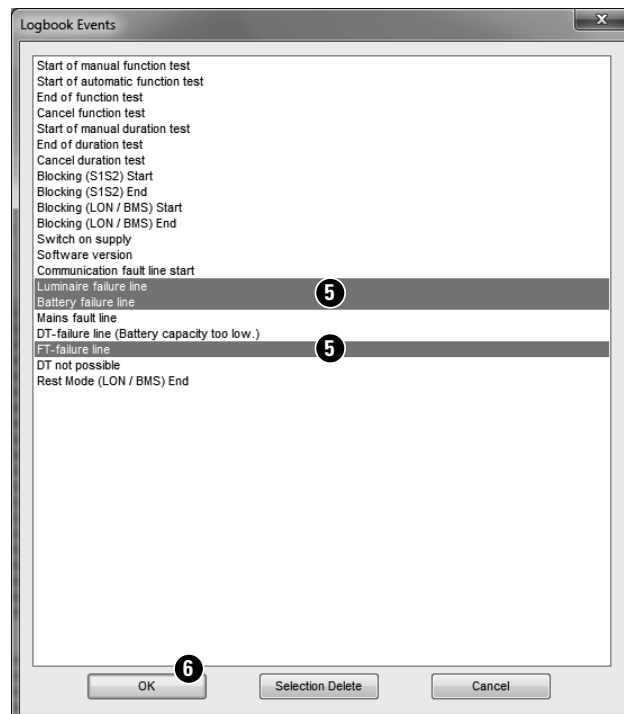
## 6.4.2 Overview of the logbook



The logbook is now loaded. The events are listed in the mainscreen, with the information of number of event, line no., date & time stamp, event reason and a comment.

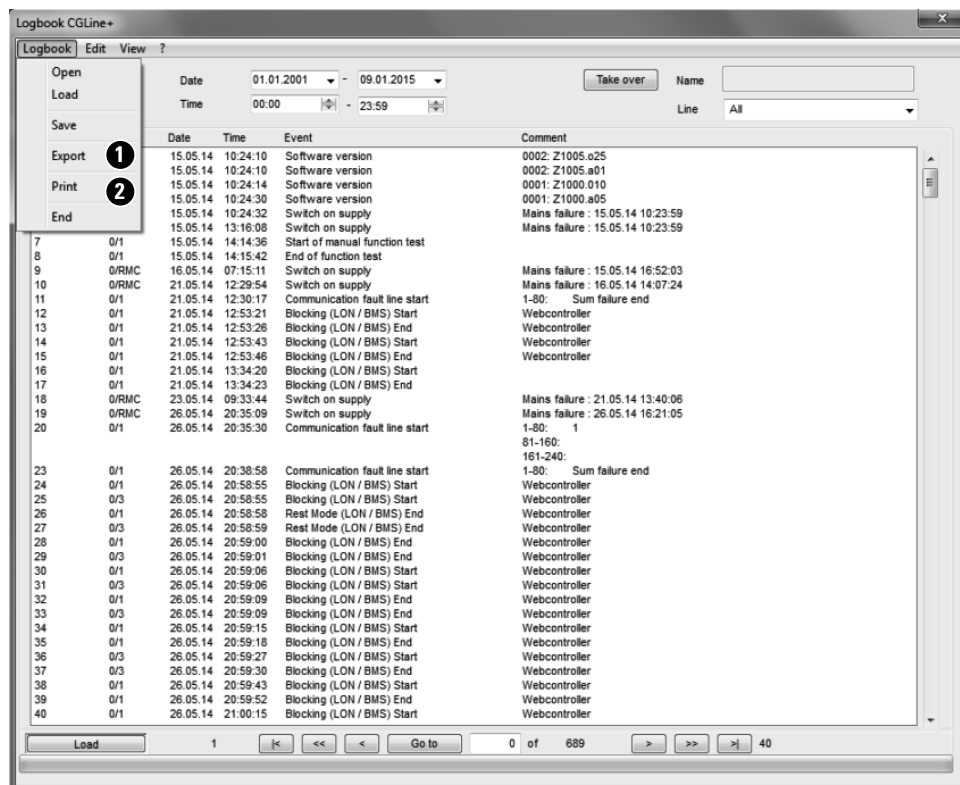
- ① Selection of special dates or times via a filter
- ② Selection of a line or all lines
- ③ Navigation buttons through the events

With „Selection“ ④ a new selection box appears with all happened events. To select one or more, please mark these with a click (blue) ⑤. With OK ⑥ only selected events appear in the main list.



## 6 CGLine+ Web-Controller setup

### 6.4.3 Features of the Logbook



The logbook is printable **2** and has an export function to a .csv-file **1**.

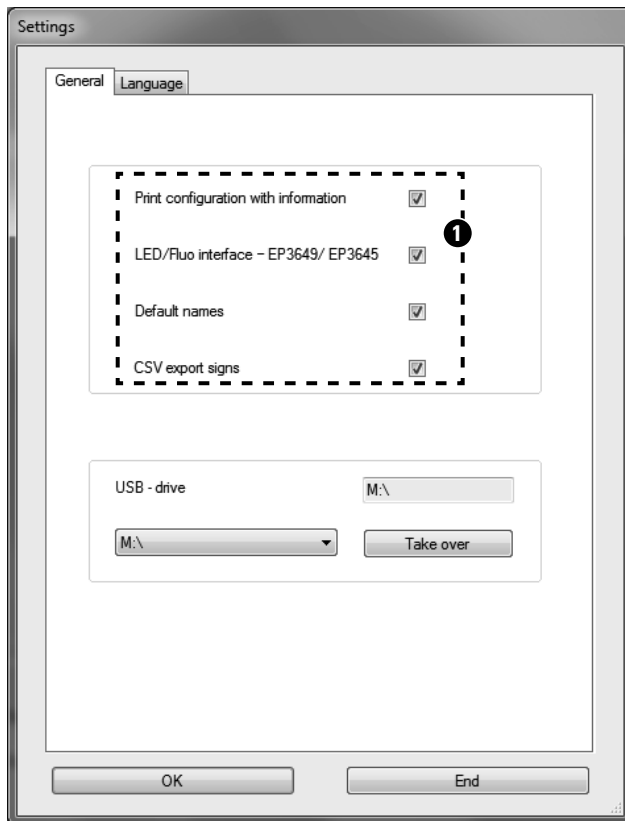
A	B	C	D	E	
1	1	0 15.05.14 10:24:10	Software version	0002: Z1005.a25	
2	2	0 15.05.14 10:24:10	Software version	0002: Z1005.a01	
3	3	0 15.05.14 10:24:14	Software version	0001: Z1000.010	
4	4	0 15.05.14 10:24:30	Software version	0001: Z1000.a05	
5	5	0 15.05.14 10:24:32	Switch on supply	Mains failure : 15.05.14 10:23:59	
6	6	0 15.05.14 13:16:08	Switch on supply	Mains failure : 15.05.14 10:23:59	
7	7	0 15.05.14 14:14:36	Start of manual function test		
8	8	0 15.05.14 14:15:42	End of function test		
9	9	0/RMC	16.05.14 07:15:11	Switch on supply	Mains failure : 15.05.14 16:52:03
10	10	0/RMC	21.05.14 12:29:54	Switch on supply	Mains failure : 16.05.14 14:07:24
11	11	0/1	21.05.14 12:30:17	Communication fault line start	1-80: Sum failure end
12	12	0/1	21.05.14 12:53:21	Blocking (LON / BMS) Start	Webcontroller
13	13	0/1	21.05.14 12:53:26	Blocking (LON / BMS) End	Webcontroller
14	14	0/1	21.05.14 12:53:43	Blocking (LON / BMS) Start	Webcontroller
15	15	0/1	21.05.14 12:53:46	Blocking (LON / BMS) End	Webcontroller
16	16	0/1	21.05.14 13:34:20	Blocking (LON / BMS) Start	
17	17	0/1	21.05.14 13:34:23	Blocking (LON / BMS) End	
18	18	0/RMC	23.05.14 09:33:44	Switch on supply	Mains failure : 21.05.14 13:40:06
19	19	0/RMC	26.05.14 20:35:09	Switch on supply	Mains failure : 26.05.14 16:21:05
20	20	0/1	26.05.14 20:35:30	Communication fault line start	1-80: 1
23	23	0/1	26.05.14 20:38:58	Communication fault line start	81-160: 161-240: 1-80: Sum failure end
24	24	0/1	26.05.14 20:58:55	Blocking (LON / BMS) Start	Webcontroller
25	25	0/3	26.05.14 20:58:55	Blocking (LON / BMS) Start	Webcontroller
26	26	0/1	26.05.14 20:58:58	Rest Mode (LON / BMS) End	Webcontroller
27	27	0/3	26.05.14 20:58:59	Rest Mode (LON / BMS) End	Webcontroller
28	28	0/1	26.05.14 20:59:00	Blocking (LON / BMS) End	Webcontroller
29	29	0/3	26.05.14 20:59:01	Blocking (LON / BMS) End	Webcontroller
30	30	0/1	26.05.14 20:59:06	Blocking (LON / BMS) Start	Webcontroller
31	31	0/3	26.05.14 20:59:06	Blocking (LON / BMS) Start	Webcontroller
32	32	0/1	26.05.14 20:59:09	Blocking (LON / BMS) End	Webcontroller
33	33	0/3	26.05.14 20:59:09	Blocking (LON / BMS) End	Webcontroller
34	34	0/1	26.05.14 20:59:15	Blocking (LON / BMS) Start	Webcontroller
35	35	0/1	26.05.14 20:59:18	Blocking (LON / BMS) End	Webcontroller
36	36	0/3	26.05.14 20:59:27	Blocking (LON / BMS) Start	Webcontroller
37	37	0/3	26.05.14 20:59:30	Blocking (LON / BMS) End	Webcontroller
38	38	0/1	26.05.14 20:59:43	Blocking (LON / BMS) Start	Webcontroller
39	39	0/1	26.05.14 20:59:52	Blocking (LON / BMS) End	Webcontroller
40	40	0/1	26.05.14 21:00:15	Blocking (LON / BMS) Start	Webcontroller

103	0	27.05.14	13:58:35	Blocking (LON / BMS) End	Substation: 40
104	0	27.05.14	13:58:36	Blocking (LON / BMS) End	Substation: 40
105	0	27.05.14	13:58:39	Battery failure line: Line 1	Sum failure end
106	0	27.05.14	13:59:31	Start of manual function test	
107	0	27.05.14	13:59:32	Start of manual function test	
108	0	27.05.14	14:00:02	Battery failure line: Line 1	No.1: GuideLed 10811 RZ (ID:ABC054)
111	0	27.05.14	14:00:02	FT-failure line: Line 1	No.1: GuideLed 10811 RZ (ID:ABC054)
114	0	27.05.14	14:00:34	End of function test	
115	0	27.05.14	14:00:37	End of function test	
116	0	27.05.14	14:07:20	Battery failure line: Line 1	Sum failure end
117	0	27.05.14	14:18:17	Start of manual function test	
118	0	27.05.14	14:18:17	FT-failure line: Line 1	No.1: GuideLed 10811 RZ (ID:ABC054)
121	0	27.05.14	14:18:17	Start of manual function test	
122	0	27.05.14	14:19:23	End of function test	

An „Export“ **1** generates a .csv file to use the logbook in Excel.

„Print“ **2** generates a printout of the logbook with all events incl. date & time stamp.

## 6.5 Additional Features



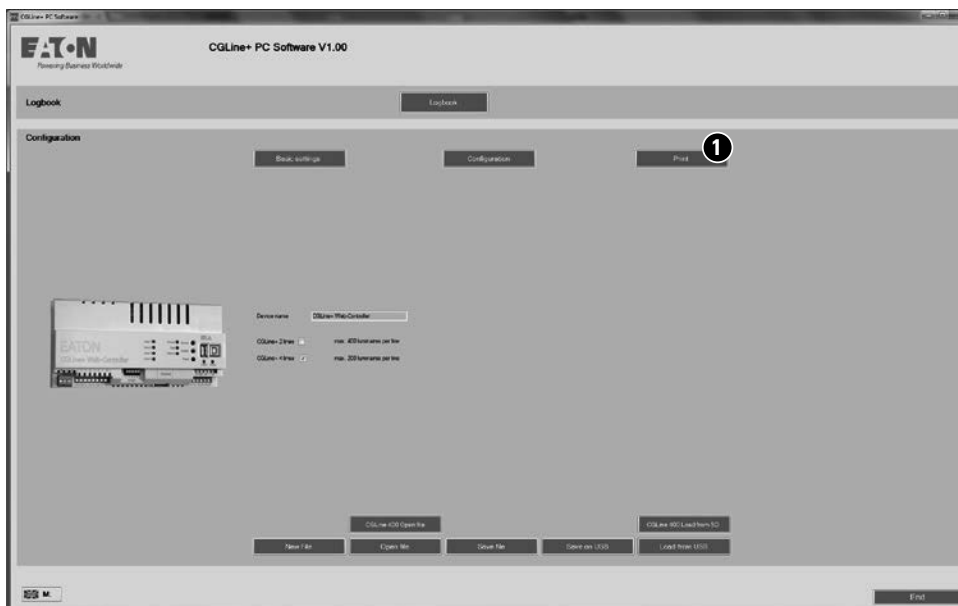
In the menu „Settings“ some more features are available, which are in default not active.

Please set a hook to activate this function **1**.

These functions are described on the next pages.

## 6 CGLine+ Web-Controller setup

### 6.5.1 Print functions



The CGLine+ PC software allows to print out a list of the whole configuration. For this click in the main picture on „Print“ **1**. A selection box for the printer appears.

Address	Name	ID	Test group	Address	ID	Test group
001	GuideLed 10811 RZ	ABC054	1	026		
002	GuideLed SL 13812	ABC063	1	027		
003	GuideLed 10811 RZ	ABC065	3	028		
004	GuideLed 10811 RZ	ABC066	4	029		
005	GuideLed 10811 RZ	ABC089	5	030		
006	GuideLed SL 13812	ABC100	6	031		
007	GuideLed SL 13812	ABC110	7	032		
008	GuideLed 11811 PU	ABC105	8	033		
009	GuideLed 11811 PU	ABB011	1	034		
010	GuideLed 11811 PU	ABB122	2	035		
011	GuideLed 11811 PU	ABB155	3	036		
012	GuideLed 11811 PU	ACA023	4	037		
013	GuideLed SL 13812	ABA302	5	038		
014	GuideLed SL 13812	ABA333	6	039		
015	GuideLed SL 13812	ABA243	7	040		
016	GuideLed SL 13812	ABB433	8	041		
017	GuideLed 10811 RZ	ABC543	1	042		
018	GuideLed 10811 RZ	ABC321	2	043		
019	GuideLed 10811 RZ	ABC323	3	044		
020	GuideLed 10811 RZ	ABC32E	4	045		
021				046		
022				047		
023				048		
024				049		
025				050		

The print out contains all information about the configuration of the CGLine+ Web-Controller, e.g. IP-settings, Input/output configuration, and a list with the connected luminaires incl. logical address, names, Hex-addresses and Test group assignment.

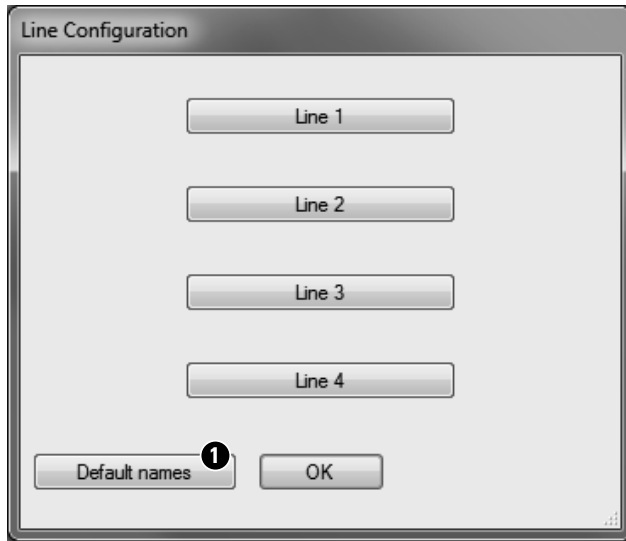
Address	Name	ID	Test group
002	GuideLed SL 13812	ABC063	1
	Information: GuideLed SL 13812 1-8 h/D CGLine+ - Basement main corridor front		
	Category: SL	Version: 2	
	DT-time: 258		
003	GuideLed 10811 RZ	ABC065	3
	Information: GuideLed 10811 1-8 h/D CGLine+ EXIT PU- Basement EXIT West		
	Category: RZ	Version: ?	
	DT-time: ?		

If a printout with all luminaire information is desired, please activate in the menu settings „Print configuration with information“ (see 6.5).

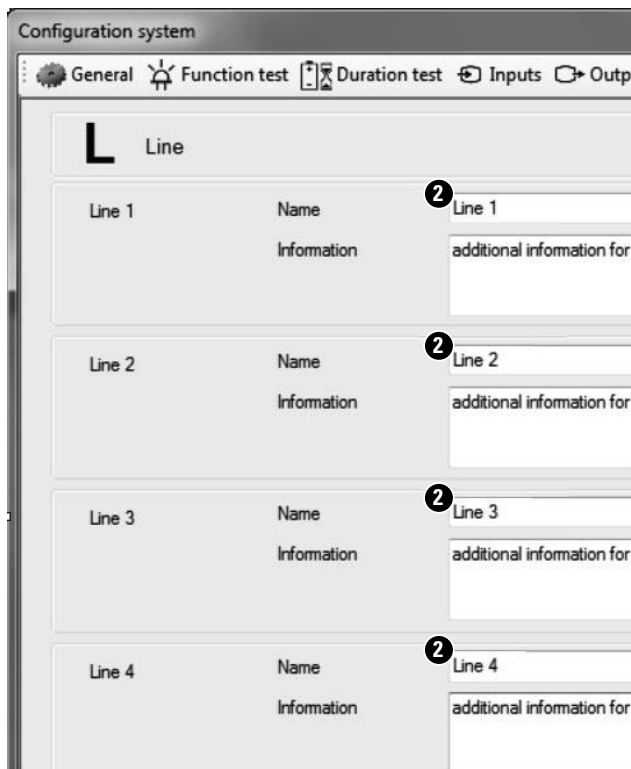
This printout contains luminaire information with additional text (max. 200 characters), category and the last duration test time in minutes.



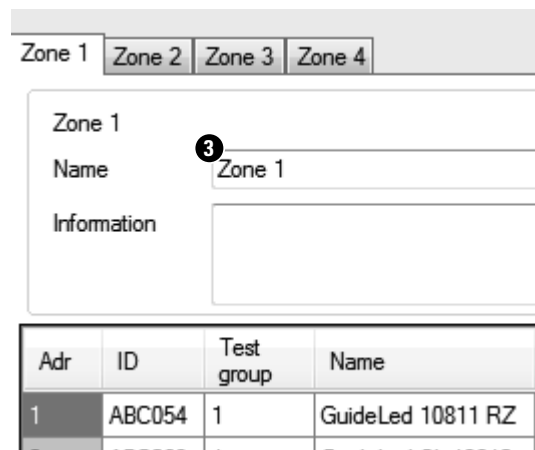
### 6.5.2 Default names



If under settings „Default names“ is selected (see 6.5), in the Line configuration a button „Default names“ appears **1**.

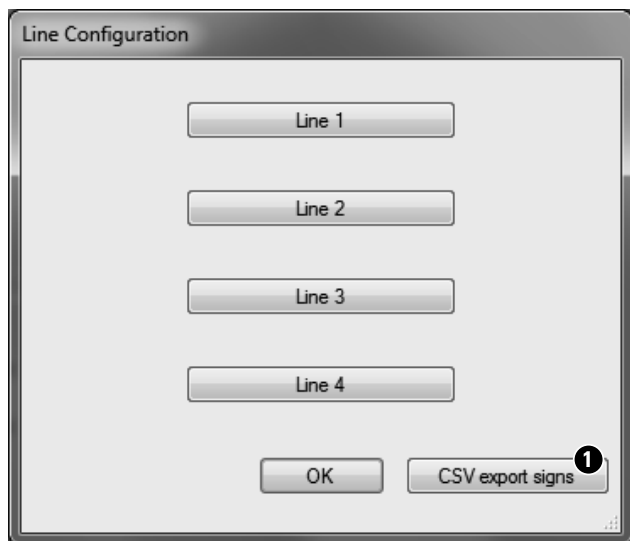


This function will set all line names in line configuration **2** and zone names in luminaire configuration **3** to default names.



## 6 CGLine+ Web-Controller setup

### 6.5.3 CSV export signs



This function allows an export of the luminaire data Line/Zone/Address/Name/HEX-address to a .csv-format, which is usable in Excel.

If „CSV export signs“ is selected under settings (see 6.5), in the Line configuration a button „CSV export signs“ appears **1**.

1	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;1;1;GuideLed 10811 RZ;ABC054
2	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;2;2;GuideLed SL 13812;ABC063
3	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;3;3;GuideLed 10811 RZ;ABC065
4	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;4;4;GuideLed 10811 RZ;ABC066
5	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;5;5;GuideLed 10811 RZ;ABC089
6	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;6;6;GuideLed SL 13812;ABC100
7	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;7;7;GuideLed SL 13812;ABC110
8	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;8;8;GuideLed 11811 PU;ABC105
9	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;9;9;GuideLed 11811 PU;ABB011
10	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;10;10;GuideLed 11811 PU;ABB122
11	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;11;11;GuideLed 11811 PU;ABB155
12	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;12;12;GuideLed 11811 PU;ACA023
13	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;13;13;GuideLed SL 13812;ABA302
14	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;14;14;GuideLed SL 13812;ABA333
15	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;15;15;GuideLed SL 13812;ABA243
16	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;16;16;GuideLed SL 13812;ABB433
17	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;17;17;GuideLed 10811 RZ;ABC543
18	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;18;18;GuideLed 10811 RZ;ABC321
19	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;19;19;GuideLed 10811 RZ;ABC323
20	CGLine+ Web-Controller;1;Info line1 max.20cha;1;;20;20;GuideLed 10811 RZ;ABC32E
21	CGLine+ Web-Controller;3;Info line3 max.20cha;1;;1;1;GuideLed 11811 PU;FC71B3

A dialog to save the file appears. Please choose a destination.

This file is now usable in Excel.



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Publication No. MN451001EN  
Order No. 40071860271 (A)  
Septembre 2017

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