WAGO Visualization Lighting Management

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Imprint

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Every conceivable measure has been taken to ensure the accuracy and completeness of this documentation. However, as errors can never be fully excluded, we always appreciate any information or suggestions for improving the documentation.

We wish to point out that the software and hardware terms, as well as the trademarks of companies used and/or mentioned in the present document are generally protected by trademark or patent.

WAGO is a registered trademark of WAGO Verwaltungsgesellschaft mbH.
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1. Information about This Documentation

1.1. Copyright

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1.2. Number Notation

<table>
<thead>
<tr>
<th>Number System</th>
<th>Example</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decimal</td>
<td>100</td>
<td>Normal notation</td>
</tr>
<tr>
<td>Hexadecimal</td>
<td>0x64</td>
<td>C notation</td>
</tr>
<tr>
<td>Binary</td>
<td>'100'</td>
<td>In quotation marks, nibble separated by a period</td>
</tr>
<tr>
<td></td>
<td>'0110.0100'</td>
<td></td>
</tr>
</tbody>
</table>

1.3. Font Conventions

<table>
<thead>
<tr>
<th>Font Type</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>monospaced</td>
<td>Names of paths and files are displayed in a font type with uniform character width. Example: notepad.exe</td>
</tr>
<tr>
<td>Menu</td>
<td>Menu options are displayed in bold, e.g.: Save</td>
</tr>
<tr>
<td>&gt;</td>
<td>A “greater than” symbol between two names denotes the selection of a menu option. Example: File &gt; New</td>
</tr>
<tr>
<td>Input</td>
<td>Designation of input or optional fields are displayed in bold. Example: Value</td>
</tr>
<tr>
<td>“Value”</td>
<td>Input or selection values are displayed in quotation marks. Example: Enter the value “4 mA” under Start of measurement range.</td>
</tr>
<tr>
<td>[Button]</td>
<td>Buttons are displayed in bold in square brackets. Example: [OK]</td>
</tr>
<tr>
<td>[Keys]</td>
<td>Key labels on the keyboard are displayed in bold and enclosed in square brackets. Example: [F5]</td>
</tr>
</tbody>
</table>
## 1.4. Symbols

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="DANGER" /></td>
<td>Warning against personal injury! Indicates a high-risk, imminently hazardous situation which, if not avoided, can result in death or serious injury.</td>
</tr>
<tr>
<td><img src="image" alt="DANGER" /></td>
<td>Do not work on components while energized! Indicates a high-risk, imminently hazardous situation which, if not avoided, can result in death or serious injury.</td>
</tr>
<tr>
<td><img src="image" alt="WARNING" /></td>
<td>Warning against personal injury! Indicates a high-risk, imminently hazardous situation which, if not avoided, can result in death or serious injury.</td>
</tr>
<tr>
<td><img src="image" alt="CAUTION" /></td>
<td>Warning against personal injury! Indicates a low-risk, potentially hazardous situation which, if not avoided, may result in minor or moderate injury.</td>
</tr>
<tr>
<td><img src="image" alt="NOTICE" /></td>
<td>Warning: Damage to property! Indicates a potentially hazardous situation which, if not avoided, may result in damage to property.</td>
</tr>
<tr>
<td><img src="image" alt="ESD" /></td>
<td>Warning: Damage to property caused by electrostatic discharge (ESD)! Indicates a potentially hazardous situation which, if not avoided, may result in damage to property.</td>
</tr>
<tr>
<td><img src="image" alt="Note" /></td>
<td>Important note! Indicates a potential malfunction which will not result in damage to property, however, if not avoided.</td>
</tr>
<tr>
<td><img src="image" alt="Information" /></td>
<td>Additional Information! Refers to additional information which is not an integral part of this documentation (e.g., the Internet).</td>
</tr>
</tbody>
</table>
2. Legal Principles

Note
Please note the risks of using cloud services!
If you use third-party cloud services, sensitive data is transferred to the cloud service provider at one's own responsibility. External access may result in manipulated data and/or unwanted control commands affecting the performance of your control system. Use encryption methods to protect your data and observe the information provided by the Federal Office for Information Security – “Cloud: Risks and Security Tips.”

Note
Parallel use of the WAGO Visualization Lighting Management and the WAGO Cloud not possible!
The WAGO Visualization Lighting Management requires the cloud connection to communicate with a local broker. A parallel connection to the WAGO Cloud is therefore not possible.

2.1. Subject to Change

WAGO Kontakttechnik GmbH & Co. KG reserves the right to make any alterations or modifications that serve to increase the efficiency of technical progress. WAGO Kontakttechnik GmbH & Co. KG owns all rights arising from the granting of patents or from the legal protection of utility patents. Third-party products are always mentioned without any reference to patent rights. Thus, the existence of such rights cannot be excluded.

2.2. Personnel Qualification

The use of the product described in this document is exclusively geared to specialists having qualifications in PLC programming, electrical specialists or persons instructed by electrical specialists who are also familiar with the appropriate current standards. Moreover, the persons cited here must also be familiar with all of the products cited in this document, along with the operating instructions. They must also be capable of correctly predicting any hazards which may not arise until the products are combined. WAGO Kontakttechnik GmbH & Co. KG assumes no liability resulting from improper action and damage to WAGO products and third-party products due to non-observance of the information contained in this document.

2.3. Limitation of Liability

This documentation describes the use of various hardware and software components in specific example applications. The components may represent products or parts of products from different manufacturers. The respective operating instructions from the manufacturers apply exclusively with regard to intended and safe use of the products. The manufacturers of the respective products are solely responsible for the contents of these instructions. The sample applications described in this documentation represent concepts, that is, technically feasible applications. Whether these concepts can actually be implemented depends on various guidelines. For example, different versions of the hardware or software components can require different handling than that described here. Therefore, the
descriptions contained in this documentation do not form the basis for assertion of a certain product characteristic. Responsibility for safe use of a specific software or hardware configuration lies with the party that produces or operates the configuration. This also applies when one of the concepts described in this document was used for implementation of the configuration. WAGO Kontakttechnik GmbH & Co. KG assumes no liability for the realization of these concepts.
3. System Requirements

Hinweis

In the WAGO Lighting Management, activate the interface for the WAGO Visualization Lighting Management.

Data release to the visualization must be activated in the WAGO Lighting Management. More detailed information is available in the WAGO Lighting Management manual.

3.1. Hardware

A lighting management controller is required for using the WAGO Lighting Management Visualization.

WAGO Lighting Management controls consist of a controller and a preprogrammed application (see Section Software):

- 750-8202/000-012 – PFC200 Controller; FG2; 2 x ETHERNET, RS-232/-485

An HMI device is also needed. This device can be one of the following supported WAGO Touch Panels:

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Type</th>
<th>Size (cm/inch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0762-5203</td>
<td>Visu Panel</td>
<td>18 cm (7,0“)</td>
</tr>
<tr>
<td>0762-5204</td>
<td>Visu Panel</td>
<td>25,7 cm (10,1“)</td>
</tr>
<tr>
<td>0762-5303</td>
<td>Visu Panel</td>
<td>18 cm (7,0“)</td>
</tr>
<tr>
<td>0762-5304</td>
<td>Visu Panel</td>
<td>25,7 cm (10,1“)</td>
</tr>
</tbody>
</table>

Smartphones or tablets can also be used as HMI devices.
3.2. Software

A lighting management controller is required for using the WAGO Visualization Lighting Management.

WAGO Lighting Management controls consist of a controller (see Section Hardware) and a preprogrammed application:

• WAGO Lighting Management (preprogrammed application on the controller)

In addition, one of the supported Web browsers must be installed on each HMI device the WAGO Visualization Lighting Management will be used with.

The visualization supports the following Web browsers:
• Google Chrome
• Mozilla Firefox
• Apple Safari

Note

Other browsers
It may be possible to use other Web browsers. Functional limitations cannot be ruled out.
3.3. License Administration

The currently available version does not need a license. The visualization is a component of the Light Management application. After the release checkbox in WAGO Lighting Management is ticked, it can be used.

**Note**

In the WAGO Lighting Management, activate the interface for the WAGO Visualization Lighting Management.

Data release to the visualization must be activated in the WAGO Lighting Management. More detailed information is available in the WAGO Lighting Management manual.
4. Function Description

The WAGO Lighting Management visualization is an independent, Web-based user interface for operating and monitoring the lighting management software on a lighting management controller. With its responsive design, the visualization adapts to the resolution of all devices, making it suitable for display on a desktop PC, or for tablets, smartphones and WAGO Touch Panels.

The visualization is easily opened through the browser. Simultaneous access to several lighting management controllers from the visualization is also possible.

The visualization is easily adapted to individual requirements; in addition to language and color settings, HMI devices, users, rooms and custom profiles in particular are easily created and managed. Profiles make it possible to assign an individual user interface to each HMI device. The visualization and lighting management controller are synchronized in real time, enabling current status queries and maintenance messages without delay.
5. Operating the Lighting Management Visualization

**Note**

Avoid emptying the Web browser cache memory

Emptying the cache memory in the Web browser deletes all existing allocations to HMI devices in the visualization. After the cache memory is deleted in the Web browser, HMI devices previously registered in the visualization management are also handled like unknown HMI devices and are assigned a new ID. Because the previous HMI device ID no longer exists after the cache memory is deleted, the ID must be manually deleted in Administration.
5.1. Installing the Lighting Management Controller

After registering at www.wago.com/applicationcontroller, you will receive an email with the download link for the installation files. The required files are downloaded as a Zip archive.

**Note**

The existing settings are retained!
The existing settings are temporarily saved on the SD card during the installation and are retained after the update.

**Note**

Use WAGO SD card!
We recommend using an industrial-strength SD card from WAGO (758-879/000-001).

### Selecting a Zip File

1. From the subfolder `/Software`, select the installation file `software_card_install.zip`.
2. Unzip the zip file `sd_card_install.zip` in the main directory of the WAGO SD card.

![Diagram showing the selection of a zip file and unzipping process]
Setting an IP Address

1. On the SD card, open the Network.txt file in the /config directory

![Network.txt file]

2. Set the desired IP address for the PFC and save the file.

Note

Important note!

If no changes are made to the Network.txt file and the network settings are still as they were upon delivery, the application controller is automatically given the IP address 192.168.1.17.

Insert SD Card

Insert the SD card into the memory card slot of the controller.

Software stoppen

1. Set the operating mode switch to “STOP.”
2. Reboot the controller by briefly disconnecting the power supply to the device.

Install Software

After rebooting, the LED display indicates the progress of the installation. Once all the LEDs light up green, the installation is complete.

Start Software

1. Remove the SD card from the memory card slot.
2. Set the operating mode switch to “RUN.”
3. Restart the controller.
   The software is installed on the device after the reboot.
5.2. Starting the Visualization

Note

In the WAGO Lighting Management, activate the interface for the WAGO Visualization Lighting Management. Data release to the visualization must be activated in the WAGO Lighting Management. More detailed information is available in the WAGO Lighting Management manual.

Note

The visualization light control elements are dependent on the WAGO Lighting Management configuration. The visualization light control elements are dependent on the WAGO Lighting Management configuration. This can influence the function in the WAGO Visualization Lighting Management, depending on how the room function is configured in the WAGO Lighting Management. Thus, if there are unexpected faulty functions, check the configuration in the WAGO Lighting Management first.

Operating Principle:
The visualization sends commands to the WAGO Lighting Management and receives the result as status. A corresponding function in the WAGO Lighting Management must be assigned to every lighting control element created in the visualization. Therefore, please check that the lighting control elements in the visualization agree with the room functions selected for the virtual rooms in the WAGO Lighting Management.

Example: The room function “Switch On/Off” does not support the “Button” operating element.
5.2.1. Opening the Visualization

Call Address for the WAGO Lighting Management Visualization
The WAGO Visualization Lighting Management is opened in the Web browser through the entry:

5.2.2. Access Management

5.2.2.1. Device Registration

When an HMI device is first registered, the visualization automatically generates a one-time ID and assigns it to the device. The registered HMI devices can be managed and new users can be created in Admin under the item “HMI Devices” (see Section HMI Devices).

---

Note
Avoid emptying the Web browser cache memory
Emptying the cache memory in the Web browser deletes the existing HMI device assignment for the visualization. After the cache memory is deleted in the Web browser, HMI devices previously registered in the visualization management are also handled like unknown HMI devices and are assigned a new ID. Because the previous HMI device ID no longer exists after the cache memory is deleted, the ID must be manually deleted in Administration.

Note
One ID for each HMI device per Web browser
Each time an HMI device is registered in the Web browser, it is assigned an ID. When different Web browsers are used, several IDs are assigned to the devices, so each HMI device has one ID per browser.
5.2.2.2. User Login

Authorizations and profiles can be assigned to a user. To create a user, a new user name and password must be granted. Existing users can be managed and new users can be created in Admin under the item “User” (see Section Users).
5.2.3. Login

Click the login button on the start page to open the “Login” dialog.

The “Login” dialog is opened.

Enter Login Data

Enter the user name and password for login to the WAGO Visualization Lighting Management.

The following login data are valid for the first commissioning and until they are changed:

<table>
<thead>
<tr>
<th>User Name</th>
<th>Rights</th>
<th>Default Password</th>
</tr>
</thead>
<tbody>
<tr>
<td>admin</td>
<td>All (Administrator)</td>
<td>wago</td>
</tr>
</tbody>
</table>

Log in as the user admin and confirm this by clicking [Login].
**Note**

**Change password**

The default passwords are documented in these instructions, so they do not offer adequate protection! Change the passwords to meet your particular needs! If you do not change these passwords, a warning will appear each time you open a website after logging in. For additional information about changing the ID, see Section Changing Login Data.

**Confirm Entries**

Click the button **[Login]** to confirm the entry.
5.2.4. Start Screen

5.2.4.1. First Registration

For information about the start page for the first registration of an HMI device in the visualization, see Section First Registration of an HMI Device.

5.2.4.2. Repeat Registration

If an HMI device is registered again, the user interface that is configured and assigned to the HMI device is immediately opened. Depending on the configuration, the rooms, areas and setting options, as well as the status and feedback messages, are displayed in the user interface and can be operated by the user.

Information

Further Information about Buttons

For additional information about the buttons in the WAGO Visualization Lighting Management, go to General and Repeated Buttons.
1 Area 1
   User interface of an area on Level 1.
   In this example: Area “EG” on Level 1.

2 Central ON/OFF Switch of an Area (Level 1)
   The [ON] and [OFF] buttons for centrally switching all lighting elements of
   an area on Level 1 ON or OFF. In this example: Area 1 “EG” on Level 1.

3 Room Levels
   User interface of a room
   In this example: Room “Mo…” in area “EG” on Level 1.
5.2.5. General and Repeated Buttons

<table>
<thead>
<tr>
<th>Buttons in the Visualization Header</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Question Mark]</td>
<td>To open the manual and receive additional help, click this button.</td>
</tr>
<tr>
<td>![Home]</td>
<td>Click this button to return to the start page.</td>
</tr>
<tr>
<td>![Gear]</td>
<td>Click this button to return to the configuration page.</td>
</tr>
<tr>
<td>![Login/Logoff]</td>
<td>Click this button and make the appropriate selection from the dropdown menu to log in or off [Login/Logoff] or to edit the user data [Profile] or the login data [Login Data].</td>
</tr>
<tr>
<td>![Previous Page]</td>
<td>Click this button to return to the previous page.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Buttons in the Visualization Operation Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Switch Off]</td>
<td>Click this button to switch off the preview.</td>
</tr>
<tr>
<td>![Switch On]</td>
<td>Click this button to switch on the preview.</td>
</tr>
<tr>
<td>![Runtime/Consumption]</td>
<td>Click this button to show detailed information about runtimes and consumption values of a lighting element.</td>
</tr>
<tr>
<td>![Error/Maintenance]</td>
<td>Click this button to show detailed information about error and maintenance messages.</td>
</tr>
<tr>
<td>![Maximize]</td>
<td>Click this button to maximize a view and hide the header.</td>
</tr>
<tr>
<td>![Automatic Function]</td>
<td>This status field indicates whether the automatic function for a room is active.</td>
</tr>
<tr>
<td>![Motion Detector]</td>
<td>This status field indicates whether the motion detector for a room is active.</td>
</tr>
<tr>
<td>![Minimize]</td>
<td>Click this button to minimize an operation level or a dropdown menu.</td>
</tr>
<tr>
<td><strong>Button</strong></td>
<td><strong>Description</strong></td>
</tr>
<tr>
<td>-----------</td>
<td>----------------</td>
</tr>
<tr>
<td><img src="image" alt="Down Arrow" /></td>
<td>Click this button to maximize an operation level or a dropdown menu.</td>
</tr>
<tr>
<td><img src="image" alt="Folder" /></td>
<td>Click this button to save changes that were made.</td>
</tr>
<tr>
<td><img src="image" alt="Person" /></td>
<td>Click this button to change an existing password.</td>
</tr>
<tr>
<td><img src="image" alt="Pencil" /></td>
<td>Click this button to edit the settings of a marked element.</td>
</tr>
<tr>
<td><img src="image" alt="Plus" /></td>
<td>Click this button to add a new element.</td>
</tr>
<tr>
<td><img src="image" alt="Trash" /></td>
<td>Click this button to delete one or more marked elements.</td>
</tr>
<tr>
<td><img src="image" alt="Dimmer" /></td>
<td>This status field indicates the current dimming level value.</td>
</tr>
<tr>
<td><img src="image" alt="Timer" /></td>
<td>This status field indicates the runtime remaining until shutoff.</td>
</tr>
<tr>
<td><img src="image" alt="Power" /></td>
<td>Click this button to switch a light source ON or OFF.</td>
</tr>
<tr>
<td><img src="image" alt="Lightbulb" /></td>
<td>This button is a component of the central switch. Click this button to switch on the light source.</td>
</tr>
<tr>
<td><img src="image" alt="Lightbulb" /></td>
<td>This button is a component of the central switch. Click this button to switch off the light source.</td>
</tr>
</tbody>
</table>
6. Configuring the Visualization

**Note**

In the WAGO Lighting Management, activate the interface for the WAGO Visualization Lighting Management. Data release to the visualization must be activated in the WAGO Lighting Management. More detailed information is available in the WAGO Lighting Management manual.

6.1. First Registration of an HMI Device

1. Login Button
   Click the login button to log in to the WAGO Lighting Management Visualization.

2. Greeting Message
   The greeting message only appears in the following cases:
   - the first registration of an HMI device
   - the profile assigned to the HMI device is empty and does not contain any assigned rooms
• the Web browser cache memory on the HMI device was emptied and the visualization has assigned a new ID to the HMI device. Otherwise, the user interface assigned to the HMI device that can be used to open the WAGO Visualization Lighting Management is directly called here.

3 HMI Device ID

The ID of the HMI device that the WAGO Visualization Lighting Management can be called with appears here. This is a one-time ID generated by the visualization. Report this ID to the responsible administrator. Each ID can be assigned in accord with a profile and a name can be entered for the corresponding HMI device in Administration.
6.2. Opening Administration

To configure the WAGO Visualization Lighting Management, navigate to the start page through the gear icon in the top right corner.

Information
Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.
6.3. Administration

[Diagram: Administration]

**Information**

**Further Information about Buttons**
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section [General and Repeated Buttons](#).

---

**Setup Wizard**

Click the **[Setup Wizard]** button to create a new profile. The Setup Wizard provides a guide through all possible setting options and assists selection of room templates, users and HMI devices.

---

**Administration**

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profiles</td>
<td>All the existing visualization profiles are managed here. For additional information, see Section <a href="#">Profiles</a>.</td>
</tr>
<tr>
<td>Room Templates</td>
<td>All the existing visualization room templates are managed here. For additional information, see Section <a href="#">Room Templates</a>.</td>
</tr>
<tr>
<td>User</td>
<td>All the existing visualization users are managed here. For additional information, see Section <a href="#">Users</a>.</td>
</tr>
<tr>
<td>HMI Device</td>
<td>All the HMI devices registered to the visualization are managed here. For additional information, see Section <a href="#">HMI Devices</a>.</td>
</tr>
</tbody>
</table>
### Setting

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global</td>
<td>All the general settings for the visualization language, date, time and parameters are managed here. For additional information, see Section <a href="#">Global</a>.</td>
</tr>
<tr>
<td>Design</td>
<td>The appearance of the visualization can be customized here. For additional information, see Section <a href="#">Design</a>.</td>
</tr>
<tr>
<td>Backup/Restore</td>
<td>The configured management settings can be saved here, or an existing backup can be restored. For additional information, see Section <a href="#">Backup/Restoration</a>.</td>
</tr>
</tbody>
</table>

### About the App

Information about the WAGO Visualization Lighting Management and contact options to Technical Support and WAGO Kontakttechnik GmbH & Co. KG is available here.
6.3.1. Setup Wizard

The Setup Wizard provides support in setting up a new profile. It provides step-by-step guidance through all the available setting options.

6.3.1.1. Entering Profile Names

Enter a new name here for the profile to be created.

Information
Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

Progress Bar
During the profile creation process, the progress bar continuously indicates the current step.
2 **Profile Name**

Enter a name for the new profile to be created. The maximum name length is 30 characters.

3 **Navigation Buttons**

- Click [Next] to confirm the entries and go to the next step.
- Click [Back] when available to return to the previous step.
- Click [Cancel] when available to close the Setup Wizard.
- In the last step “HMI Devices,” click the button [Close Setup], to back up all entries and in the process, create the new profile.
6.3.1.2. Selecting a Controller

Add additional lighting management controller or change the settings of the pre-selected lighting management controller. The WAGO Visualization Lighting Management can also be used for operating and monitoring several lighting management controllers. If this is the case, add the additional lighting management controller.

**Note**

*It is not possible to use several controllers.*
It is not possible to use several controllers in the current WAGO Visualization Lighting Management version.

**Information**

Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section [General and Repeated Buttons](#).
1 **Progress Bar**
During the profile creation process, the progress bar continuously indicates the current step.

2 **Adding a New Controller**
Click the [+ Add Controller] button to add a new lighting management controller. Enter the name and MAC address of the new lighting management controller:

```
Controllers

Name
LIM

MAC
00:30:DE-43:8C-74

Delete Save
```

Click [Save] to confirm the entry.

3 **Information about the Current Controller and Exchanging Controllers**
The following information is displayed for the currently used lighting management controller.

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC</td>
<td>Displays the MAC address of the currently used lighting management controller.</td>
</tr>
<tr>
<td>Version</td>
<td>Displays the currently used WAGO Lighting Management version.</td>
</tr>
</tbody>
</table>
| Connection| Displays the connection status of the currently used WAGO Lighting Management. The following states are possible:  
Connection properly established
Plug-in in WAGO Lighting Management is deactivated
Network problems; lighting management controller cannot be reached |
Select an existing lighting management controller. Change the existing MAC address by entering the MAC address of the new lighting management controller:

**Controllers**

**Name**
- LIM

**MAC**
- 00-30-DE-42-F2-1E

[Replace Controller]

Click [Exchange Controller] to confirm the entry.

**Navigation Buttons**
- Click [Next] to confirm the entries and go to the next step.
- Click [Back] when available to return to the previous step.
- Click [Cancel] when available to close the Setup Wizard.
- In the last step “HMI Devices,” click the button [Close Setup], to back up all entries and in the process, create the new profile.
6.3.1.3. Selecting a Room Template

Select an existing room template or create a new one.

A room template is saved across profiles and defines operating elements that are to be displayed in a room. It can then be saved for rooms. Without a room template, each room must be manually configured.

Information  Further Information about Buttons

For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

Progress Bar

During the profile creation process, the progress bar continuously indicates the current step.
2 Searching for a Room Template
Enter the name of the room template to be searched for here.

3 Raumvorlagenbestand oder Suchergebnisse
The list presents all existing room templates or the search results for the search query:

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Shows the first and last name entered for logging in.</td>
</tr>
<tr>
<td>Assigned rooms</td>
<td>Shows the number of rooms the room template is assigned to.</td>
</tr>
<tr>
<td>Updated on</td>
<td>Shows the date and time of the most recent room template update.</td>
</tr>
</tbody>
</table>

4 Editing or Creating Room Templates

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>Click this button to create a new room template. For additional information, see Section Editing or Creating Room Templates.</td>
</tr>
<tr>
<td>✔️</td>
<td>Click this button to edit a selected room template. For additional information, see Section Editing or Creating Room Templates.</td>
</tr>
</tbody>
</table>

5 Navigation Buttons
- Click [Next] to confirm the entries and go to the next step.
- Click [Back] when available to return to the previous step.
- Click [Cancel] when available to close the Setup Wizard.
- In the last step “HMI Devices,” click the button [Close Setup], to back up all entries and in the process, create the new profile.
6.3.1.3.1. Editing or Creating Room Templates

Configure a room template here.

**Note**

The visualization light control elements are dependent on the WAGO Lighting Management configuration.

The visualization light control elements are dependent on the WAGO Lighting Management configuration. This can influence the function in the WAGO Visualization Lighting Management, depending on how the room function is configured in the WAGO Lighting Management. Thus, if there are unexpected faulty functions, check the configuration in the WAGO Lighting Management first.

**Operating Principle:**

The visualization sends commands to the WAGO Lighting Management and receives the result as status. A corresponding function in the WAGO Lighting Management must be assigned to every lighting control element created in the visualization. Therefore, please check that the lighting control elements in the visualization agree with the room functions selected for the virtual rooms in the WAGO Lighting Management.
Example: The room function “Switch On/Off” does not support the “Button” operating element.

### Information

**Further Information about Buttons**

For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section [General and Repeated Buttons](#).

### Specify

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>Is automatically assigned.</td>
</tr>
<tr>
<td>Name</td>
<td>Enter a name for the new room template</td>
</tr>
</tbody>
</table>

### Preview of Activated Room Functions

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Eye Icon] Click this button to switch off a preview of the selected room function. For additional information, see Section <a href="#">Preview of Activated Room Functions</a>.</td>
<td></td>
</tr>
<tr>
<td>![Eye Icon] Click this button to display a preview of the selected room function. For additional information, see Section <a href="#">Preview of Activated Room Functions</a>.</td>
<td></td>
</tr>
</tbody>
</table>

### Lighting control

<table>
<thead>
<tr>
<th>Element</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single button</td>
<td>![Light Icon] Buttons are switched ON and are shown in the visualization user interface. The button sends a button command to the WAGO Lighting Management. Depending on the current status and room function, the light is switched or, e.g., if the staircase function is active, the hold timer is reset so the light can continue to shine. Depending on the room function, the dimming function can be possible in the WAGO Lighting Management.</td>
<td></td>
</tr>
<tr>
<td>Button Up/Down</td>
<td>![Light Icon] Buttons are switched OFF and are not shown in the visualization user interface.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>![Light Icon] Buttons are switched ON and are shown in the visualization user interface. The button sends a button command to the WAGO Lighting Management. Depending on the current status and room function, the light is switched or, e.g., if the staircase function is active, the hold timer is reset so the light continues to shine. Depending on the room function, the dimming function can be possible in the WAGO Lighting Management.</td>
<td></td>
</tr>
</tbody>
</table>
### Switch
- Double buttons are switched OFF and are not shown in the visualization user interface.
- Switches are switched ON and are shown in the visualization user interface. Sends an ON or OFF command to the WAGO Lighting Management.
- Availability depends on room function.
- Switches are switched OFF and are not shown in the visualization user interface.

### Key Switch
- Key switches are switched ON and are shown in the visualization user interface. Has the highest priority and overrules all other operating elements.
- When actuated, all visualization operating elements are deactivated.
- Key switches are switched OFF and are not shown in the visualization user interface.

### Scenes

<table>
<thead>
<tr>
<th>Element</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scene selection (dropdown)</td>
<td></td>
<td>Scene selection through dropdown menus is switched ON and is shown in the visualization user interface. The dropdown menu presents selected scenes that can be directly called.</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td>Scene selection through dropdown menus is switched OFF and is not shown in the visualization user interface.</td>
</tr>
<tr>
<td>Scene call (buttons)</td>
<td></td>
<td>Scene call through buttons is switched ON and is shown in the visualization user interface. One button per scene is displayed and can be used to directly call the scene.</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td>Scene call through buttons is switched OFF and is not shown in the visualization user interface.</td>
</tr>
<tr>
<td>Select scenes</td>
<td></td>
<td>Select which scenes should be displayed in the user interface from this dropdown menu. Each scene can be given a designation which is displayed in the user interface.</td>
</tr>
</tbody>
</table>

### Slider control

<table>
<thead>
<tr>
<th>Element</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimming level (%)</td>
<td></td>
<td>The dimming level controllers are switched ON and are shown in the visualization user interface. They display the current dimming level value (as a percentage), which can be changed directly in the user interface. Each dimming level controller can be given a designation which is displayed in the user interface.</td>
</tr>
</tbody>
</table>
The dimming level controllers are switched OFF and are not shown in the visualization user interface.

### Setpoint (lx)
- The setpoint controllers are switched ON and are shown in the visualization user interface. They display the current setpoint (in lux), which can be changed directly in the user interface.
- Each setpoint controller can be given a designation which is displayed in the user interface.

The setpoint controllers are switched OFF and are not shown in the visualization user interface.

### Color temperature (K)
- The color temperature controllers are switched ON and are shown in the visualization user interface. They display the current color temperature value (in Kelvin), which can be changed directly in the user interface.
- Each color temperature controller can be given a designation which is displayed in the user interface.

The color temperature controllers are switched OFF and are not shown in the visualization user interface.

## Status

<table>
<thead>
<tr>
<th>Element</th>
<th>Icon</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information menu</td>
<td>📈</td>
<td>🟢</td>
<td>The button for displaying detailed runtimes and consumption information is shown in the menu in the visualization user interface.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>🟢</td>
<td>The button is not shown in the visualization user interface.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>🟢</td>
<td>The button is not shown in the visualization user interface.</td>
</tr>
<tr>
<td>Maintenance message menu</td>
<td>🔧</td>
<td>🟢</td>
<td>The button for displaying detailed maintenance messages is shown in the menu in the visualization user interface. All information about the present fault and maintenance messages for DALI ECG (electronic control gear from DALI), DALI multi-sensors, DALI buttons and digital outputs is displayed here.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>🟢</td>
<td>The button is not shown in the visualization user interface.</td>
</tr>
<tr>
<td>Current dimming value</td>
<td>📍</td>
<td>🟢</td>
<td>The status field for displaying the current dimming level is shown in the visualization user interface.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>🟢</td>
<td>The status field is not shown in the visualization user interface.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>🟢</td>
<td>The status field is not shown in the visualization user interface.</td>
</tr>
<tr>
<td>Remaining runtime</td>
<td>👑</td>
<td>🟢</td>
<td>The status field for displaying the remaining runtime is shown in the visualization user interface.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>🟢</td>
<td>The status field is not shown in the visualization user interface.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>🟢</td>
<td>The status field is not shown in the visualization user interface.</td>
</tr>
<tr>
<td>Room</td>
<td></td>
<td>The status field for displaying the automatic function activity is shown in the visualization user interface.</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>----------</td>
<td>------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>The status field is not shown in the visualization user interface.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Status Präsenz</th>
<th></th>
<th>The status field for displaying the motion detector activity is shown in the visualization user interface.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>The status field is not shown in the visualization user interface.</td>
</tr>
</tbody>
</table>
6.3.1.3.1.1. Preview of Activated Room Functions

**Information**

For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

---

**Switch Preview ON/OFF**

The room function preview can be switched ON or OFF with this button. When the preview is switched ON, the available room functions are seen on the left side, with the preview of the activated room functions on the right side.

**Activate Room Functions**

Activate the desired room functions here.

**Preview of Activated Room Functions**

The preview of the activated room functions is displayed here.
6.3.1.4. Adding Rooms and Areas

Add new rooms and areas to a profile here.

Information
Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

Progress Bar
During the profile creation process, the progress bar continuously indicates the current step.
Add Area

Click the [+ Add Area] button. The following dialog opens:

## Area

### Name

Enter a name for the new area.

### As a subrange of

Select the area under which the new sub-area should be created.

### Central On/Off

- ![Central On/Off](on) Displays the button for sending a central command for switching all rooms within an area ON or OFF.
- ![Central On/Off](off) Does not display the button for sending a central command for switching all rooms within an area ON or OFF.

### Delete

Deletes an area.

### Save

Saves the entries and creates the new area.

<table>
<thead>
<tr>
<th>Element</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Enter a name for the new area.</td>
<td></td>
</tr>
<tr>
<td>Central On/off</td>
<td><img src="on" alt="Central On/Off" /> Displays the button for sending a central command for switching all rooms within an area ON or OFF.</td>
<td><img src="off" alt="Central On/Off" /> Does not display the button for sending a central command for switching all rooms within an area ON or OFF.</td>
</tr>
</tbody>
</table>

If areas already exist, sub-areas can be created. Sub-areas are also created by clicking the [+ Add Area] button.
To create a sub-area, select the area the new sub-area should be created under from the dropdown menu. The rest of the fields and options are filled out as described above.
3 Add Room
Click the [+ Add Room] button. The following dialog opens:
<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Enter a name for the new room.</td>
</tr>
<tr>
<td>Controller</td>
<td>Select which lighting management controller the new room should be assigned to.</td>
</tr>
<tr>
<td>Virtueller room</td>
<td>Select which virtual room from the WAGO Lighting Management the new room should be assigned to. The scope and functionalities of a virtual room are defined in the Lighting Management application. The virtual room serves as an interface and link between the WAGO Lighting Management application and the WAGO Visualization Lighting Management.</td>
</tr>
<tr>
<td>Room Template</td>
<td>Select which room template the new room should be assigned to.</td>
</tr>
<tr>
<td>Area</td>
<td>Select which area the new room should be assigned to.</td>
</tr>
<tr>
<td>Add Other Rooms</td>
<td>To add more than one room, mark this option. When this option is activated, the dialog for adding additional rooms stays open until the option is deactivated or the dialog is closed by hand. Once the option is deactivated, the dialog after saving is automatically closed.</td>
</tr>
</tbody>
</table>

**Note**

The visualization light control elements are dependent on the WAGO Lighting Management configuration.

The visualization light control elements are dependent on the WAGO Lighting Management configuration. This can influence the function in the WAGO Visualization Lighting Management, depending on how the room function is configured in the WAGO Lighting Management. Thus, if there are unexpected faulty functions, check the configuration in the WAGO Lighting Management first.

**Operating Principle:**

The visualization sends commands to the WAGO Lighting Management and receives the result as status. A corresponding function in the WAGO Lighting Management must be assigned to every lighting control element created in the visualization. Therefore, please check that the lighting control elements in the visualization agree with the room functions selected for the virtual rooms in the WAGO Lighting Management.

Example: The room function “Switch On/Off” does not support the “Button” operating element.

[Cancel] Cancels the entry and closes the dialog.

[Save] Saves the entries and creates the new room.
4 Arranging Areas, Sub-Areas and Rooms with Drag&Drop

<table>
<thead>
<tr>
<th>Element</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tile</td>
<td></td>
<td>Displayed rooms and areas can be freely moved and arranged with drag&amp;drop.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Displayed rooms and areas are locked from free arrangement.</td>
</tr>
</tbody>
</table>

5 Areas and Rooms Assigned to the Profile

Areas and Rooms Assigned to the Profile

6 Navigation Buttons

- Click [Next] to confirm the entries and go to the next step.
- Click [Back] when available to return to the previous step.
- Click [Cancel] when available to close the Setup Wizard.
- In the last step “HMI Devices,” click the button [Close Setup], to back up all entries and in the process, create the new profile.
6.3.1.5. Selecting Users

Add an already registered or new user to a profile here.

**Information**

**Further Information about Buttons**

For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section [General and Repeated Buttons](#).

1. **Fortschrittsanzeige**
   Enter the name of the user to be searched for.

2. **Benutzer suchen**
   Enter the name of the profile to be searched for.

3. **Existing Users or Search Results**
   The list presents all registered users or the search results for the search query.

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>User name</td>
<td>Shows the user name selected the first time they log in.</td>
</tr>
<tr>
<td>Full name</td>
<td>Shows the first and last name entered for the first time a user logs in.</td>
</tr>
<tr>
<td>-----------</td>
<td>-----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Assigned profile</td>
<td>Shows the profile assigned to the user.</td>
</tr>
<tr>
<td>Active on</td>
<td>Shows the date and time of the most recent user activity.</td>
</tr>
</tbody>
</table>

### Editing or Creating Users

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>Click this button to create a new user. For additional information, see Section Creating Users.</td>
</tr>
<tr>
<td></td>
<td>Click this button to edit a selected user. For additional information, see Section Creating Users.</td>
</tr>
<tr>
<td></td>
<td>Click this button to edit the selected user’s login data. For additional information, see Section Changing Login Data.</td>
</tr>
</tbody>
</table>

### Navigationsschaltflächen

- Click [Next] to confirm the entries and go to the next step.
- Click [Back] when available to return to the previous step.
- Click [Cancel] when available to close the Setup Wizard.
- In the last step “HMI Devices,” click the button [Close Setup], to back up all entries and in the process, create the new profile.
6.3.1.5.1. Creating Users

Create a new user here.

**Data Entry for New User**

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Name</td>
<td>Enter the user’s first and last name.</td>
</tr>
<tr>
<td>User Name</td>
<td>Enter any user name for the new user. In the future, the user will only use the user name to log in on the visualization.</td>
</tr>
<tr>
<td>Password</td>
<td>Specify a password the user can use to log in on the visualization.</td>
</tr>
<tr>
<td>Profile</td>
<td>Assign an existing profile to the user.</td>
</tr>
<tr>
<td>Permission</td>
<td>Assign a role to the user. A new user can take the role “User” or “Administrator”.</td>
</tr>
</tbody>
</table>
## Assign Authorizations

<table>
<thead>
<tr>
<th>Element</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can switch profile</td>
<td></td>
<td>The user can independently change their assigned profile.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The user cannot independently change their assigned profile. Only an administrator can change the profile.</td>
</tr>
<tr>
<td>Can change credentials</td>
<td></td>
<td>The user can independently change their login data.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The user cannot independently change their login data. Only an administrator can change the profile.</td>
</tr>
</tbody>
</table>
6.3.1.5.2. Changing Login Data

Change a user’s login data here.

![Credentials window]

1. **Changing the Password**

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Name</td>
<td>The user name for the selected user is displayed here.</td>
</tr>
<tr>
<td>New Password</td>
<td>Enter a new password here for the selected user.</td>
</tr>
</tbody>
</table>

2. **Save Entries**

   Click the button [Save] to save the entries.
6.3.1.6. Selecting HMI Devices

Add an already registered HMI device to the profile here.

**Note**
Avoid emptying the Web browser cache memory
Emptying the cache memory in the Web browser deletes the existing HMI device assignment for the visualization. After the cache memory is deleted in the Web browser, HMI devices previously registered in the visualization management are also handled like unknown HMI devices and are assigned a new ID. Because the previous HMI device ID no longer exists after the cache memory is deleted, the ID must be manually deleted in Administration.

**Information**
Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

1 **Progress Bar**
Enter the name of the HMI device to be searched for.

2 **Searching for HMI Devices**
Enter the name of the HMI device to be searched for.
3 Existing HMI Devices or Search Results
The list presents all registered HMI devices or the search results for the search query.
Click the button [All Devices] to display the entire stock of registered HMI devices.

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>The first time an HMI device registers, the ID number that was automatically assigned to the device through the visualization is displayed.</td>
</tr>
<tr>
<td>Name</td>
<td>Shows the first and last name entered for the first time a user logs in.</td>
</tr>
<tr>
<td>Assigned profil</td>
<td>Shows the profile assigned to the user</td>
</tr>
<tr>
<td>Logged-in user</td>
<td>Displays the entered user of the HMI device the first time it is registered.</td>
</tr>
<tr>
<td>Active on</td>
<td>Shows the date and time of the most recent user activity.</td>
</tr>
</tbody>
</table>

4 Assigning HMI Devices

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Click this button to edit a selected HMI device. For additional information, see Section Assigning HMI Devices.</td>
</tr>
</tbody>
</table>

5 Navigation Buttons
- Click [Next] to confirm the entries and go to the next step.
- Click [Back] when available to return to the previous step.
- Click [Cancel] when available to close the Setup Wizard.
- In the last step “HMI Devices,” click the button [Close Setup], to back up all entries and in the process, create the new profile.
6.3.1.6.1. Assigning HMI Devices

Assign the selected HMI device to an existing profile here.

1. **Enter Name**

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Change the existing HMI device name or give it a new one.</td>
</tr>
<tr>
<td>Profile</td>
<td>Assign an existing profile to the user.</td>
</tr>
</tbody>
</table>

2. **Deleting HMI Devices**

   Click the [Delete] button to delete the HMI device.

3. **Save Entries**

   Click the button [Save] to save the entries.
6.3.2. Profile

Manage, search for, delete or edit operating existing profiles here.

**Information**

**Further Information about Creating Profiles**
Go to Section Setup Wizard for further information about creating a new profile.

**Further Information about Buttons**
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

**Search for Profiles**
Enter the name of the profile to be searched for.

**Existing Profiles or Search Results**
The list presents all existing profiles or the search results for the search query.

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>The first time an HMI device registers, the ID number that was automatically assigned to the device through the visualization is displayed.</td>
</tr>
<tr>
<td>Name</td>
<td>Displays the profile name.</td>
</tr>
</tbody>
</table>
### Adding Profiles
Click this button to add a new profile. More detailed information is available in Section [Adding Profiles](#).

### Duplicate and Edit Profile
Click this button to copy and then edit a selected profile. More detailed information is available in Section [Duplicating and Editing Profiles](#).

### Edit Profile
Click this button to edit a selected profile. More detailed information is available in Section [Edit Profile](#).

### Delete Profile
Select the profiles to be deleted from the list of existing profiles. Click this button to delete the selected profiles.

<table>
<thead>
<tr>
<th><strong>HMI Device</strong></th>
<th>Displays the number of HMI devices assigned to a profile.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Users</strong></td>
<td>Displays the number of users assigned to a profile.</td>
</tr>
<tr>
<td><strong>Updated On</strong></td>
<td>Shows the date and time of the most recent room profile update.</td>
</tr>
</tbody>
</table>
6.3.2.1. Edit Profile

Information Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

Profile Management

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ID]</td>
<td>Displays the ID of the selected profile.</td>
</tr>
<tr>
<td>[Name]</td>
<td>Displays the current profile name, if there is one. Existing profile names can be changed here, or new ones can be entered. Maximum name length is 30 characters.</td>
</tr>
<tr>
<td></td>
<td>Deletes the selected profile.</td>
</tr>
<tr>
<td></td>
<td>Undos the last changes.</td>
</tr>
</tbody>
</table>
### Configuration

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Controllers]</td>
<td>Click here to change or delete the controller of the selected profile, or to add a new controller. For additional information, see Section Selecting a Controller.</td>
</tr>
<tr>
<td>[Areas/Rooms]</td>
<td>Click here to change or delete the rooms and areas of the selected profile, or to add new rooms or areas. For additional information, see Section Adding Rooms and Areas.</td>
</tr>
</tbody>
</table>

### Parameters

<table>
<thead>
<tr>
<th>Element</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic advanced view</td>
<td>![on]</td>
<td>The “Automatic Advanced View” is switched ON. For HMI devices that only control one small area or are permanently built in, this can be used to set that the start view changes directly to the selected area or room. This requires a prior assignment of a profile. At the same time, the advanced view that hides the navigation bar to give the operating elements more space is activated.</td>
</tr>
<tr>
<td></td>
<td>![off]</td>
<td>The “Automatic Advanced View” is switched OFF.</td>
</tr>
<tr>
<td>Disable navigation</td>
<td>![on]</td>
<td>“Disable Navigation” is switched ON. The advanced view can no longer be switched to. When the setting “Automatic Advanced View” is activated, the navigation is hidden, after which no user login is possible. Example of an Application Area: Restricting unauthorized access or limiting changes to the view of the user interface when the visualization is used in a public area.</td>
</tr>
<tr>
<td></td>
<td>![off]</td>
<td>“Deactivate Navigation” is switched OFF.</td>
</tr>
<tr>
<td>[Language] Voreinstellung</td>
<td>![deutsch]</td>
<td>This language selection corresponds to the operating system language and is preset in the visualization. The visualization user interface is displayed in German.</td>
</tr>
<tr>
<td>Deutsch</td>
<td>![english]</td>
<td>The visualization user interface is displayed in English.</td>
</tr>
</tbody>
</table>
6.3.2.2. Duplicate and Edit Profile

The current profile is copied with all lighting management controllers and rooms and can be saved under a new name and adapted as needed.

1. Manage Profile
   Enter a new name for the duplicated profile.

2. Configuration

<table>
<thead>
<tr>
<th>Element</th>
<th>Beschreibung</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Controller]</td>
<td>Click here to change or delete the controller of the selected profile.</td>
</tr>
<tr>
<td></td>
<td>For additional information, see Section Selecting a Controller.</td>
</tr>
<tr>
<td>[Areas/Rooms]</td>
<td>Click here to change or delete the rooms and areas of the selected profile.</td>
</tr>
<tr>
<td></td>
<td>For additional information, see Section Adding Rooms and Areas.</td>
</tr>
</tbody>
</table>
3 **Save Profile**

Click the button [Save Profile] to save the entries.
### 6.3.2.3. Adding Profiles

A wizard can be used to quickly create a new profile. It provides step-by-step guidance through the following setting options:

1. **Profile name**
2. **Controllers**
3. **Room Template**
4. **Rooms**

An area can contain either subareas or rooms. Rooms can be assigned to areas that have already been created. Mixed operation of rooms and sub-areas in a higher-level area is not possible.

- **+ Add Area**
- **+ Add Room**
- **Tile**

#### Further Information about the Individual Steps

For further information about the individual steps, see Section [Setup Wizard](#) or click directly below on the desired step to display corresponding information.

The process steps in Section “Adding Profiles” corresponds to the process steps in Section “Setup Wizard”; only the steps “Users” and “HMI Devices” were shortened.

- [Entering Profile Names](#)
- [Selecting a Controller](#)
- [Selecting a Room Template](#)
- [Adding Rooms and Areas](#)
6.3.3. Room Templates

Manage, search for, delete or edit operating existing profiles here. The individual functions are described in Section Creating Room Templates.

Information
Further Information about Creating Room Templates
Go to Section Creating Room Templates for further information about creating new room templates.

Information
Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

1 Searching for a Room Template
Enter the name of the room template to be searched for here.

2 Existing Room Templates or Search Results
The list presents all existing room templates or the search results for the search query.

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>The first time an HMI device registers, the ID number that was automatically assigned to the device is displayed.</td>
</tr>
<tr>
<td>Name</td>
<td>Shows the first and last name entered for logging in</td>
</tr>
</tbody>
</table>
### Editing or Creating Room Templates

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![+]</td>
<td>Click this button to create a new room template. For additional information, see Section <a href="#">Editing or Creating Room Templates</a>.</td>
</tr>
<tr>
<td>![pen]</td>
<td>Click this button to edit a selected room template. For additional information, see Section <a href="#">Editing or Creating Room Templates</a>.</td>
</tr>
</tbody>
</table>

### 6.3.3.1. Creating Room Templates

Information about creating a new room template is available in Section [Creating Room Templates](#).
### 6.3.4. Users

Manage, search for or edit users who are already registered or add new users.

**Information**

**Further Information about Buttons**
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section [General and Repeated Buttons](#).

---

**Progress Bar**
Enter the name of the user to be searched for.

**Existing Users or Search Results**
The list presents all registered users or the search results for the search query.

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Beschreibung</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benutzername</td>
<td>Shows the user name selected when logging in.</td>
</tr>
<tr>
<td>Name</td>
<td>Shows the first and last name entered for logging in.</td>
</tr>
<tr>
<td>Profil</td>
<td>Shows the profile assigned to the user.</td>
</tr>
<tr>
<td>Aktiv am</td>
<td>Shows the date and time of the most recent user activity.</td>
</tr>
</tbody>
</table>
### Editing or Creating Users

<table>
<thead>
<tr>
<th>Element</th>
<th>Beschreibung</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Plus" /></td>
<td>Click this button to create a new user. For additional information, see Section Creating Users</td>
</tr>
<tr>
<td><img src="image" alt="Pen" /></td>
<td>Click this button to edit a selected user. For additional information, see Section Creating Users</td>
</tr>
<tr>
<td><img src="image" alt="User" /></td>
<td>Click this button to edit the selected user’s login data. For additional information, see Section Changing Login Data</td>
</tr>
</tbody>
</table>

#### 6.3.4.1. Creating Users

Information about creating a new user is available in Section Creating Users.
6.3.5. HMI Devices

Manage, search for or edit HMI devices that are already registered.

**Note**
Avoid emptying the Web browser cache memory
Emptying the cache memory in the Web browser deletes the existing HMI device assignment for the visualization. After the cache memory is deleted in the Web browser, HMI devices previously registered in the visualization management are also handled like unknown HMI devices and are assigned a new ID. Because the previous HMI device ID no longer exists after the cache memory is deleted, the ID must be manually deleted in Administration.

**Information**
Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section [General and Repeated Buttons](#).

---

1. **Searching for an HMI Device**
   Enter the name of the profile to be searched for

2. **Existing HMI Devices or Search Results**
   The list presents all registered HMI devices or the search results for the search query.
   Click the button **[All Devices]** to display the entire stock of registered HMI devices.

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>The first time an HMI device registers, the ID number that was automatically assigned to the device is displayed.</td>
</tr>
</tbody>
</table>
### Assigning HMI Devices

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Click button</td>
<td>Click this button to edit a selected HMI device. For additional information, see Section Assigning HMI Devices.</td>
</tr>
</tbody>
</table>

### 6.3.5.1. Assigning HMI Devices

Information about selecting and assigning HMI devices is available in Section Assigning HMI Devices.
6.4. Settings

6.4.1. Global

Information Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

1 Viewing Date and Time
The time and date for the currently used lighting management controller are displayed here.

2 Setting the Language
The language of the visualization user interface can be changed here. Select the language “English” or “German”.

3 Setting Parameters
The duration of certain processes when buttons or slider controls are used can be set here.

4 Save Settings
Click the button [Save] to save the settings.
6.4.2. Design

Information Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

Managing Color Schemes
The preset color schemes “Bright” and “Dark” can be selected here.
2 Customizing
Activate the option “Customizing” to individually design the visualization colors.

3 Resetting a Color Scheme to the Default Settings
Click this button to reject the current settings and restore the visualization default settings.

4 Confirming a Selected Color Scheme
Click this button to save the selection under “Managing Color Schemes”.

5 Primary Colors
Primary colors can only be selected when the option “Customizing” was selected under “Managing Color Schemes.” Otherwise, the colors are automatically determined by the visualization according to the selected color scheme.

6 Secondary Colors
Secondary colors can only be selected when the option “Customizing” was selected under “Managing Color Schemes”. Otherwise, the colors are automatically determined by the visualization according to the selected color scheme.
6.4.3. Sichern/Wiederherstellen

**Information**

Further Information about Buttons

For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.

1. **Save**
   - Click the button [Save] to create a backup of the current visualization configuration.
   - In addition to the profiles, all room templates, registered HMI devices, color scheme, users and global settings are saved.

2. **Restore**
   - Click the button [Upload Backup] to restore a current visualization.
   - In addition to the profiles, all room templates, registered HMI devices, users and global settings contained in the visualization at the time the backup was made are restored.
6.5. About the App

Information about the WAGO Visualization Lighting Management and contact options to Technical Support and WAGO Kontakttechnik GmbH & Co. KG is available here.

WAGO Visualization Lighting Management
v0.8.0.0 Beta

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Information

Further Information about Buttons
For additional information about the buttons in the WAGO Lighting Management Visualization, go to Section General and Repeated Buttons.
7. Glossary

HMI Devices
Display options for the WAGO Lighting Management Visualization. All mobile and stationary devices with a Web browser that fulfill the minimum requirements stated in this document. Used to display the light control functions in the assigned profiles. Receives a different ID for each Web browser used. HMI devices are non-personalized, e.g., fixed terminals. They automatically log in to the administration with the device ID as soon as the URL is called. The profile is activated immediately after the assignment.

Users
Users usually have personalized profiles. The profile is loaded as soon as you have logged in to the visualization with the user data.

Area
An area is used to structure rooms. An area can contain either sub-areas or rooms. Rooms can be assigned to areas that have already been created. Mixed operation of rooms and sub-areas in a higher-level area is not possible.

Controllers
WAGO Lighting Management Controller
**Lighting Management Controller**
Item number: 750-8202/000-012

---

**Profile**
A profile is a defined environment for an HMI device or a user. It is determined which controllers, areas and rooms may be controlled. Which room control elements and status/maintenance information is displayed is determined for each room.

A profile can save this information:
- Assigned lighting management controllers
- Selected rooms and areas
- Predefined lighting control functions (see “Room Templates”)
- Button and slide controller properties
- Predefined scenes
- Status indicators

---

**Room**
A room is the smallest structure unit and is always assigned to at least one area. A room can be linked with exactly one virtual room in the lighting management. The rooms in a building can be freely arranged in areas with the WAGO Lighting Management.

**Editing or Creating**
A room template is saved across profiles and defines operating elements that are to be displayed in a room. It can then be saved for rooms. Without a room template, each room must be manually configured.
Visualization
WAGO Lighting Management Visualization

Virtual room
In the WAGO Lighting Management, storage spaces, production areas, social rooms, etc. are depicted in one or more so-called virtual rooms. The functions of a virtual room can be flexibly and individually configured and parameterized.

WAGO Lighting Management
WAGO Lighting Management is a preprogrammed application for lighting control in large spaces such as production facilities and warehouses. The combination of predefined hardware and user-friendly software makes this solution easy to configure and set into operation.