



luxData.easy

luxData.easyApp

Simple data management for various objects
with map display and
data aquisition or data correction on site

- Home
- Overview**
- Event
- Maintenance orders
- Statistics
- Notifications
- Management
- Settings
- Help

Overview

Search in map...

Lightpoints

Lamp	Lamp-description	Count of lamps	Lamp-lamp-type	Lamp-nominal power	Lamp-connected load	Lamp-switching program	Lamp-effective life-time	Lamp-installation date	Lamp-...
<input checked="" type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / shiO...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / shiO...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / shiO...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / shiO...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / shiO...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / shiO...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / shiO...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / shiO...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / shiO...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/CE / 70 W / 0 lm / E27 / shiO...	1	Metal halide lamps	70	72.1	Switching program - all night	14200	22.02.2011	0

Number of lines: 1765

Adjustments

- Levels
- Form
- Classification
- Label
- Cluster
- PDF export

demoen@sixdata.de

Home Overview Event Maintenance orders Statistics Notifications Management Settings Help

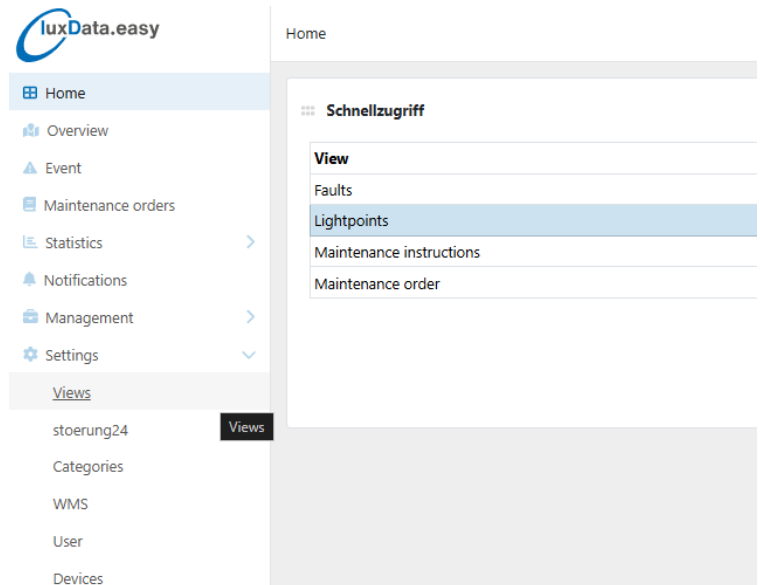
What is luxData.easy?

luxData.easy is a web application for a simple representation of object data. It is structured in tabular form and also uses the visual representation of a map. luxData.easy is available to you via the servers of sixData GmbH.

The software differentiates between different object types that can be managed and displayed:

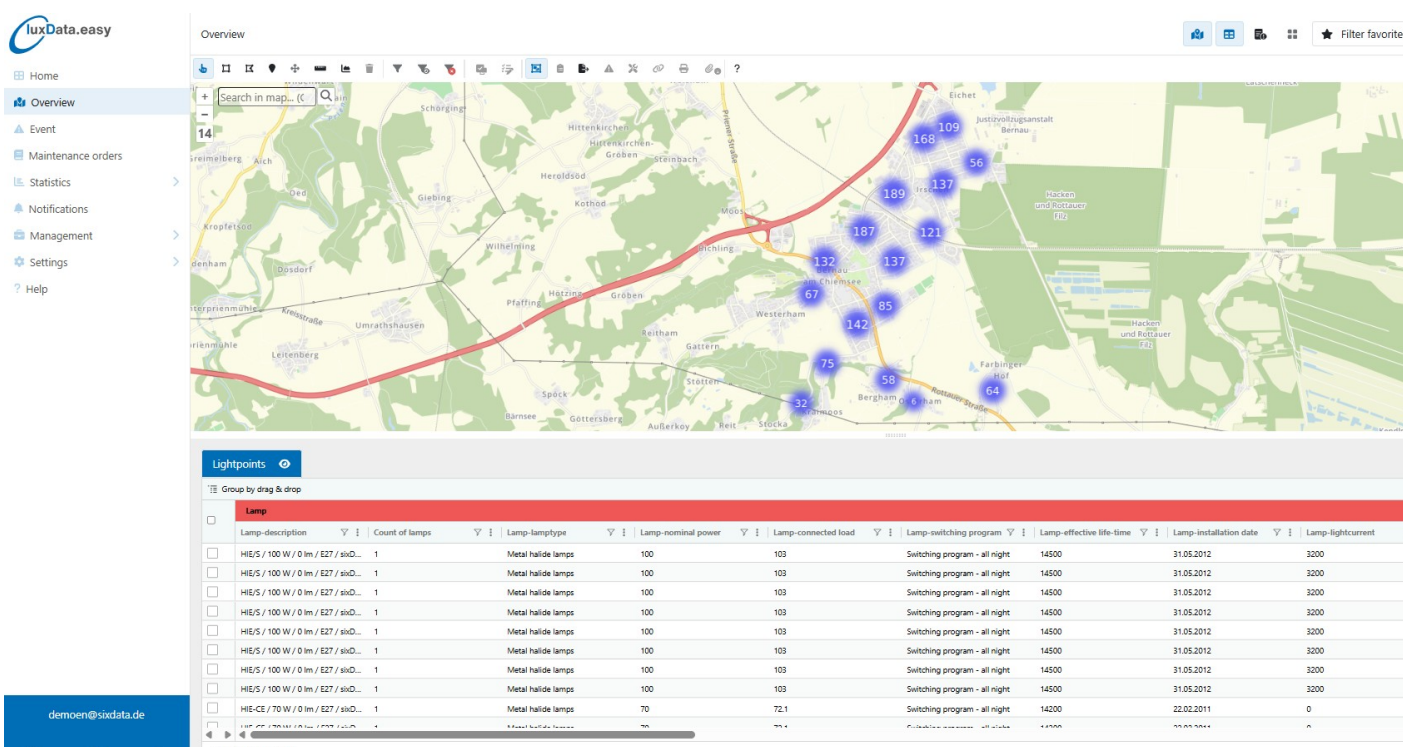
- ◇ **Point objects:** street lighting, traffic light systems, distribution cabinets, tree registers, park benches, waste bins, manhole covers, hydrants, parking ticket machines, city map showcases, large billboards, advertising columns, fountains, bus stops, etc.
- ◇ **Line objects:** cables, lines etc.
- ◇ **Area objects:** WLAN coverage, public green spaces, playgrounds, etc.

luxData.easy is a small and uncomplicated application. Data can be imported from Excel or entered manually in luxData.easy. When importing into Excel, simply select the Excel file you want and the table in luxData.easy is automatically created and filled with the data.



Main screen

The main mask is designed clearly and offers a lot of functionality.



Map tools



Several tools are provided to operate the map. If you click on the question mark icon, you will receive detailed explanations of the individual tools.

	Single selection		Filter selection		Activate clustering
	Rectangle selection		Hide unfiltered objects		Open selection list
	Polygon selection		Reset filter		Export all data
	Create a new object (point, line, area) on the map		Copy line		Create a malfunction report
	Move object		Edit highlighted line(s)		Show attachment
	Delete object		Delete highlighted line(s)		Help: explanation of the icons

Change display - favorite filters

The display of the map can be changed with the following settings.



The *filter favorites* tab allows you to quickly accept or reset the settings you have set.

Lightpoints

Lamp	Lamp-description	Count of lamps	Lamp-lamp-type	Lamp-nominal power	Lamp-connected load	Lamp-switching program	Lamp-effective life-time	Lamp-installation date	Lamp-lightcurrent
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / sioD...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / sioD...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / sioD...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / sioD...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / sioD...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / sioD...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / sioD...	1	Metal halide lamps	100	103	Switching program - all night	14500	31.05.2012	3200
<input type="checkbox"/>	HIE-S / 70 W / 0 lm / E27 / sioD...	1	Metal halide lamps	70	72.1	Switching program - all night	14200	22.02.2011	0

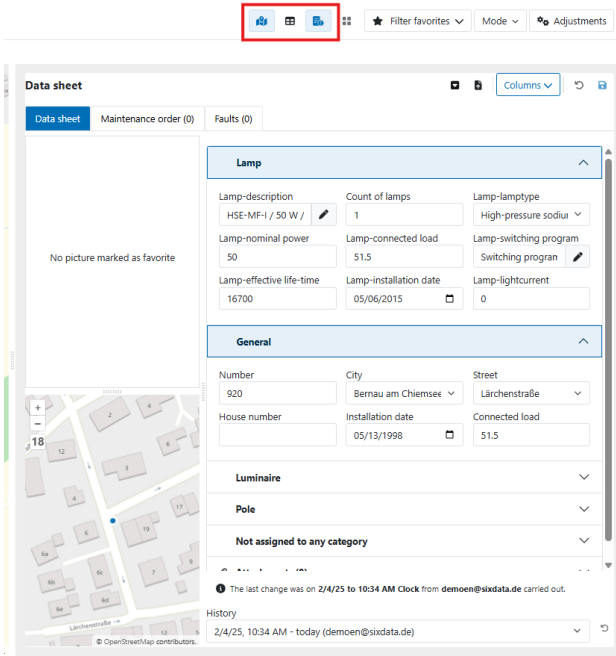
Number of lines: 1765

demoen@sixdata.de

Change display - map functions



The settings in the *Mode* tab change the type of view and the map type.

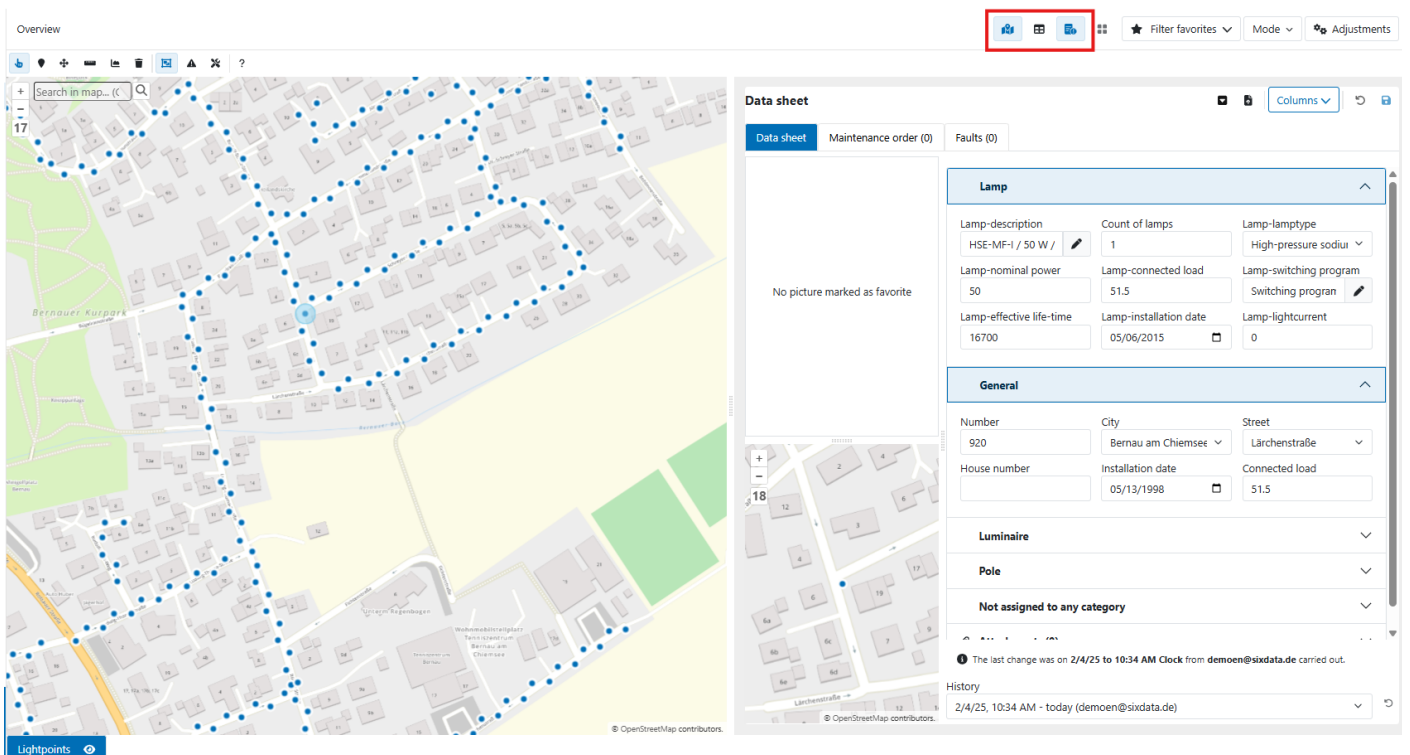


Here you can specify whether only the map or only the table should be displayed, or a combination of both. Also, in addition to the map, the data sheet with all the details about the selected object can be displayed.

Furthermore you can choose between different map types for the display: an OpenStreetMap map, a topographical map, an aerial photo or a view without a map at all. In this last case only the created objects are shown against a white background.


Change display - data sheet


With the *map with data sheet* option in the *Mode* tab, you can have the data for an object shown in more detail. You can make adjustments directly in the data sheet.



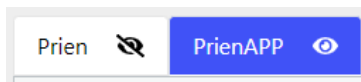
Change display - objects


The display of the objects on the map can be changed with the following settings in the *Adjustments* section.


 **Levels**


 Lightpoints


Listing of the different existing levels. These can be made visible and invisible and can be superimposed.





 **Form**

Colour 
 Border colour


Radius
 10  150

Border width
 0  50

Standard icons:


Marker Icons:


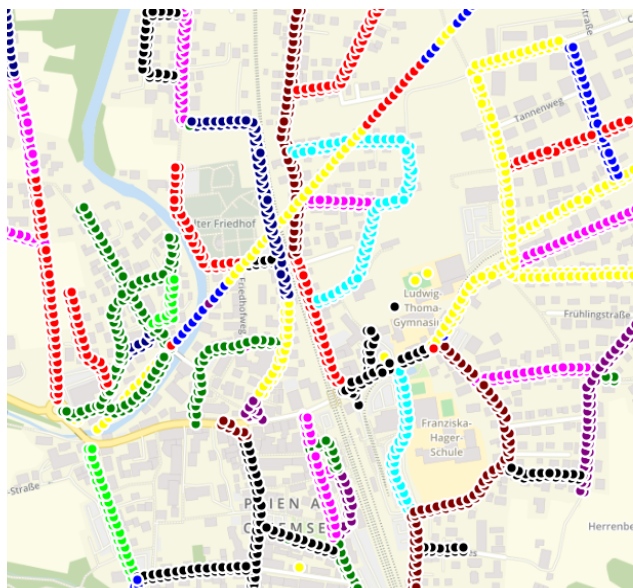
Change the color, size and shape of the dots shown on the map.

 **Classification**

By color:
 Criterion

By shape:
 Criterion

You can use the classes to influence the color grouping of the objects on the map.



Change display - objects

Criterion

Font size

Colour

Border

Offset X

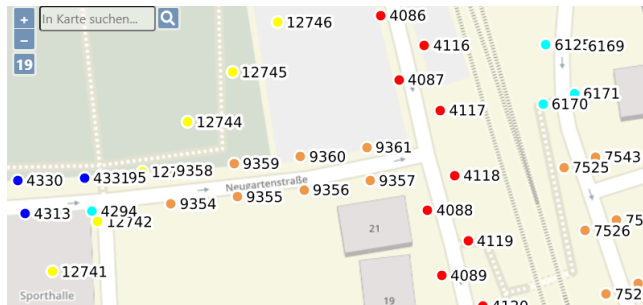
Offset Y

Hide label from zoom level

☐ Arrange automatically

☐ Hide overlapping labels

The designations of the objects in the map can be changed. The formatting of the selected label can also be adjusted.



With the help of clustering, several individual objects can be combined into groups (clusters) and thus displayed more clearly on the map.

The number displayed in a cluster indicates how many individual objects it contains. The further you zoom into the map, the more these groups are broken down. As a result, more and more details - individual objects - become visible.

Maps can be exported as PDF reports. Adapt the desired graphical section directly by moving the map.

PDF export

Template

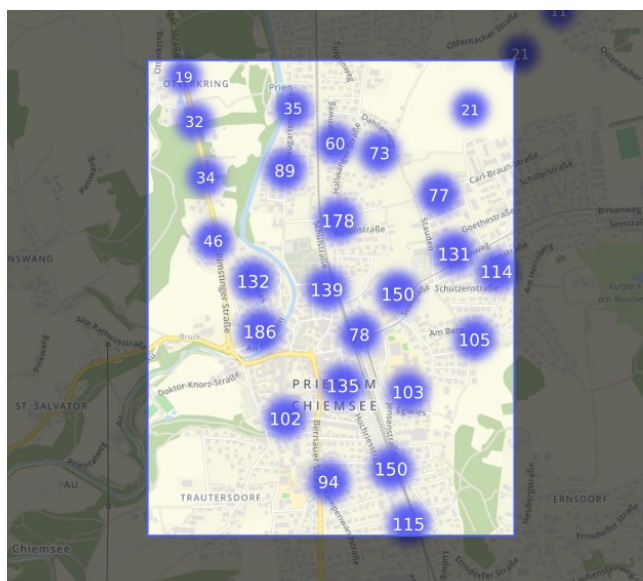
Scale

Title

Possible signs: 50

Comment

Possible signs: 50



Overview

Search in map... (C)

Lightpoints

Group by drag & drop

Lamp	General								
Lamp-description	Count of lamps	Lamp-lamptype	Lamp-nominal power	Lamp-connected load	Lamp-switching program	Lamp-effective life-time	Lamp-installation date	Lamp-lightcurrent	Number
<input type="checkbox"/> HfE/S / 150 W / 0 lm / E27 / shD...	1	Metal halide lamps	150	154.5	Switching program - all night	15100	17.06.2014	0	980
<input type="checkbox"/> HfE/S / 150 W / 0 lm / E27 / shD...	1	Metal halide lamps	150	154.5	Switching program - all night	15100	17.06.2014	0	982
<input type="checkbox"/> HfE / 250 W / 0 lm / 640 / shDa...	1	High-pressure mercury vapor la...	250	257.5	Switching program - all night	12800	26.06.2009	0	985
<input checked="" type="checkbox"/> HfE / 250 W / 0 lm / 640 / shDa...	1	High-pressure mercury vapor la...	250	257.5	Switching program - all night	12800	26.06.2009	0	987
<input checked="" type="checkbox"/> HfE / 250 W / 0 lm / 640 / shDa...	1	High-pressure mercury vapor la...	250	257.5	Switching program - all night	12800	26.06.2009	0	989
<input type="checkbox"/> HfE / 250 W / 0 lm / 640 / shDa...	1	High-pressure mercury vapor la...	250	257.5	Switching program - all night	12800	26.06.2009	0	991
<input type="checkbox"/> HfE / 250 W / 0 lm / 640 / shDa...	1	High-pressure mercury vapor la...	250	257.5	Switching program - all night	12800	26.06.2009	0	994
<input type="checkbox"/> HfE / 250 W / 0 lm / 640 / shDa...	1	High-pressure mercury vapor la...	250	257.5	Switching program - all night	12800	26.06.2009	0	996
<input type="checkbox"/> HfE / 250 W / 0 lm / 640 / shDa...	1	High-pressure mercury vapor la...	250	257.5	Switching program - all night	12800	26.06.2009	0	998

Number of lines: 1765

Data tables - selections - filters

The screenshot shows the SAP Fiori 'Lamp' app interface. On the left, there is a list of lamps with columns for 'Lamp-lightcurrent' and 'Lamp-lightcurrent'. The main area displays a list of lamps with columns for 'Lamp', 'Lamp-description', 'Count of lamps', 'Lamp-lamptype', 'Lamp-nominal power', 'Lamp-connected load', 'Lamp-switching program', 'Lamp-effective life-time', 'Lamp-installation date', and 'Lamp-lightcurrent'. The right sidebar contains two sections: 'Columns' and 'Filter'. The 'Columns' section is highlighted with a red box and shows a list of columns: 'Lamp', 'Lamp-description', 'Count of lamps', 'Lamp-lamptype', 'Lamp-nominal power', 'Lamp-connected load', 'Lamp-switching program', 'Lamp-effective life-time', 'Lamp-installation date', and 'Lamp-lightcurrent'. The 'Filter' section shows a search bar and a list of filters: 'General', 'Number', 'City', 'Street', 'House number', and 'Installation date'.

Lamp-nominal power	Lamp-connected load	Lamp-switching program	Lamp-effective life-time	Lamp-installation date	Lamp-lightcurrent
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="dd/mm/yyyy"/>	<input type="text"/>
<input checked="" type="checkbox"/> Search...	103	Switching program - all night	14500	31.05.2012	3200
<input checked="" type="checkbox"/> Select all	103	Switching program - all night	14500	31.05.2012	3200
<input checked="" type="checkbox"/> Energy saving lamps	103	Switching program - all night	14500	31.05.2012	3200
<input checked="" type="checkbox"/> Fluorescent lamps	103	Switching program - all night	14500	31.05.2012	3200
<input checked="" type="checkbox"/> High-pressure mercury va...	103	Switching program - all night	14500	31.05.2012	3200
<input checked="" type="checkbox"/> High-pressure sodium lam...	103	Switching program - all night	14500	31.05.2012	3200
<input checked="" type="checkbox"/> LED	103	Switching program - all night	14500	31.05.2012	3200
<input type="button" value="Reset filter"/>	103	Switching program - all night	14500	31.05.2012	3200
100	103	Switching program - all night	14500	31.05.2012	3200

Column and filter selection

Filter function available per column

Data tables - manage columns

Columns can be edited in the data table. To do this, hover over the column designation and then click on the hamburger menu (icon with three lines). Afterwards select the desired action.

	Lamp-description	Count of lamps	Lamp-lamptype
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / six		Metal halide lamps
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / six		Metal halide lamps
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / six		Metal halide lamps
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / six		Metal halide lamps
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / six		Metal halide lamps
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / six		Metal halide lamps
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / six		Metal halide lamps
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / six		Metal halide lamps
<input type="checkbox"/>	HIE/S / 100 W / 0 lm / E27 / six	1	Metal halide lamps

It is also possible to change the column order using drag & drop.

Lamp-lamptype	Lamp-nominal power	Lamp-connected load
Lamp-lamptype		
Metal halide lamps	100	103
Metal halide lamps	100	103
Metal halide lamps	100	103
Metal halide lamps	100	103
Metal halide lamps	100	103

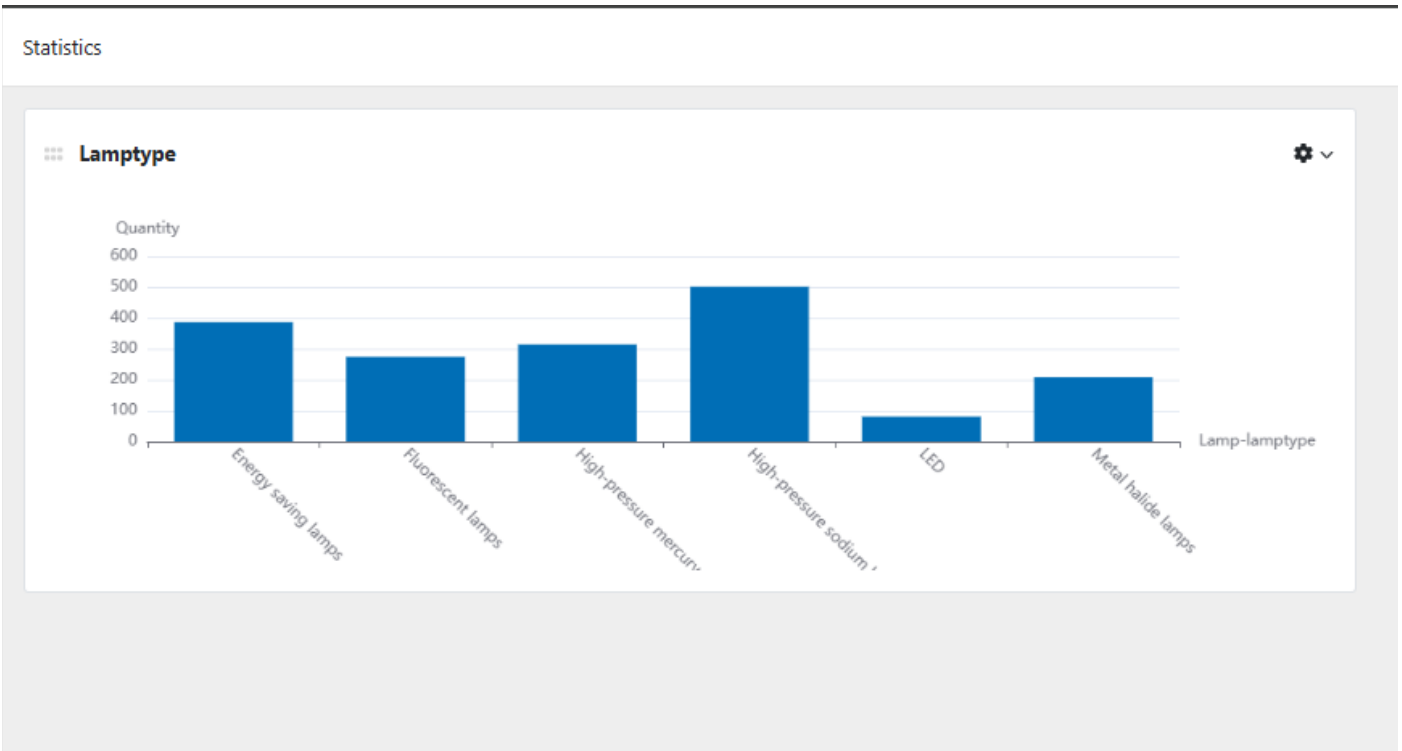
The columns can be grouped.

	Lamp-lamptype
<input type="checkbox"/>	Group
	Lamp
	Lamp-description
<input type="checkbox"/>	> Energy saving lamps (387)
<input type="checkbox"/>	> Fluorescent lamps (274)
<input type="checkbox"/>	> High-pressure mercury... (314)
<input type="checkbox"/>	> High-pressure sodium ... (501)
<input type="checkbox"/>	> LED (81)
<input type="checkbox"/>	> Metal halide lamps (208)

Statistics

Every user can create simple statistics about relevant data with just a few clicks. The statistics are saved in freely definable statistic pages. If necessary, several statistics can be grouped in statistic pages based on similarities.

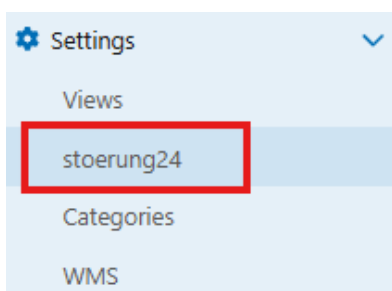
Various types of diagrams are available for displaying statistics (line, column, pie and spreadsheet). Statistics can be adjusted later at any time and rearranged using drag & drop.



Malfunction report - web portal stoerung24

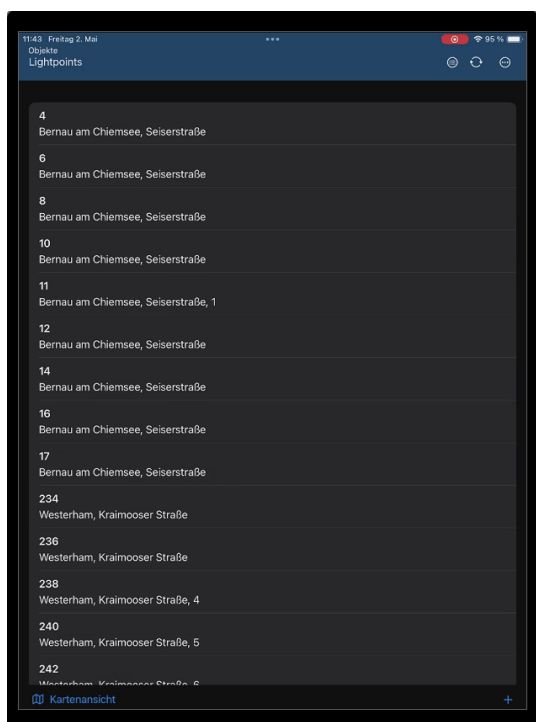
By integrating the malfunction reporting portal stoerung24, you can offer citizens the simple and free service of reporting disorders around the clock. The malfunctions are then transferred directly to luxData.easy.

As an option, in addition to disorders for lighting points, those for other objects managed in luxData.easy can also be reported and imported (e.g. traffic signals, traffic signs, street furniture, playgrounds, etc.).



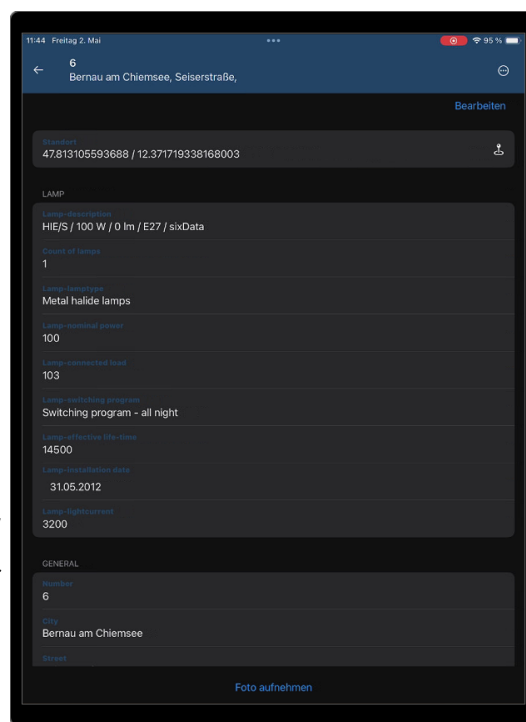
Mobile data collection or correction on site

Do you want to include data of an entire street or update the data of certain objects? With luxData.easyApp this is done very easily and quickly. Filters can operate the luxData.easyApp on mobile devices on site and include the data in detail. The data is then synchronized with luxData.easy and is therefore available to the back office.



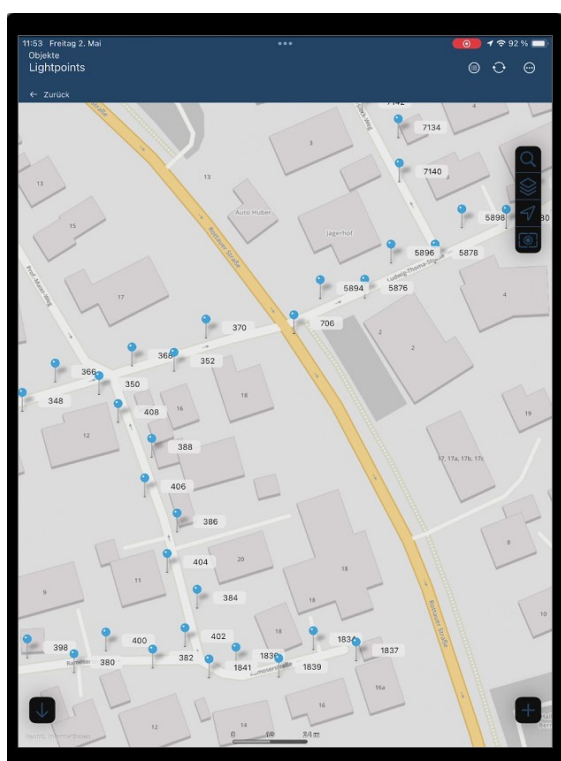
Home screen

The captured data is listed here.



Detailed view

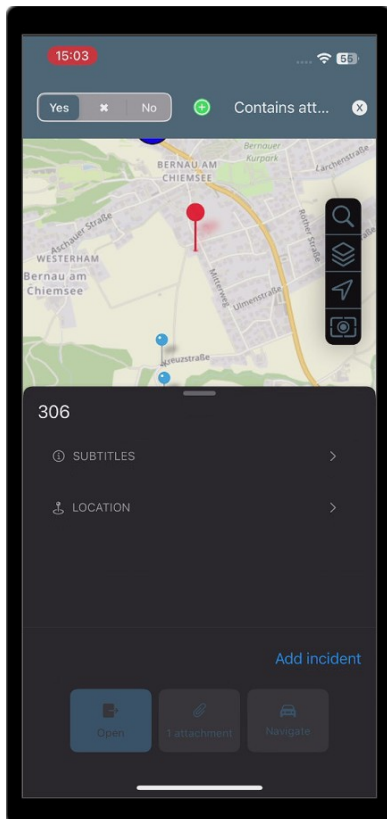
Newly captured or existing objects can be viewed at any time.



Data collection

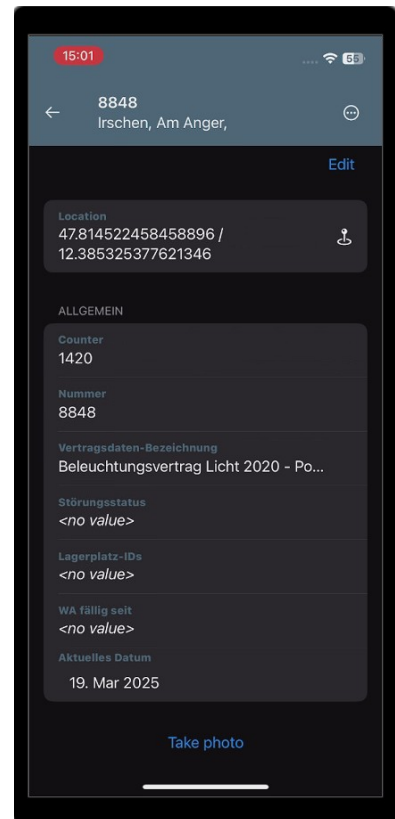
If you want to capture new data points on the go, this is possible with the app. The coordinates are determined via the GPS function of the smartphone. The position can also be adjusted manually.

Mobile data collection or correction on site



Map view

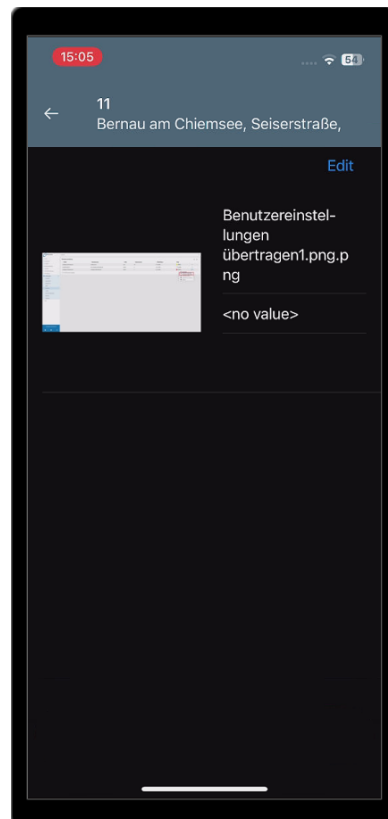
Objects that have already been captured are displayed on the map. If you tap on one of them, you get a configurable short info, which also allows you to view further data of the system or its already assigned documents.



Documents

Images or PDF files can be assigned to each object.

These files are also imported into luxData.easy and are also available there.



Mobile data collection or correction on site

All data that can be viewed and edited in luxData.easyApp can be configured centrally in luxData.easy. This makes it possible to decide exactly which data table is to be seen in luxData.easyApp, which fields are read-only, which data can be changed, etc.

The luxData.easyApp is available free of charge from the GooglePlay store. But a license is required for communication between the app and the main application luxData.easy. A user is created in luxData.easy for each mobile device. The app is activated with the provided 8-digit PIN. From this point on, the app is connected to luxData.easy, receives the data provided and can also send data back.

luxData.easy and luxData.easyApp - data management the easy way

The diagram illustrates the data management workflow between the luxData.easy web interface and the luxData.easyApp mobile application.

Web Interface (luxData.easy):

- Overview Map:** A map showing the distribution of light points across a region, with points numbered (e.g., 109, 168, 189, 137, 121, 132, 137, 67, 142, 65, 75, 58, 52, 64).
- Lightpoints Table:** A detailed table listing lamp data. The table includes columns for Lamp-description, Count of lamps, Lamp-lamp-type, Lamp-nominal power, Lamp-connected load, Lamp-switching program, Lamp-effective life-time, Lamp-installation date, Lamp-lightcurrent, and General (Number).

Mobile Application (luxData.easyApp):

- Map View:** A zoomed-in map of a specific area, showing individual light points with their numbers (e.g., 7134, 7140, 5898, 5878, 5894, 5876, 370, 706, 366, 368, 352, 408, 388, 406, 386, 404, 384, 402, 382, 380, 398, 1841, 1836, 1839, 1837).

Arrows indicate the flow of data between the two systems, showing how data is collected or corrected on-site using the mobile app and then synchronized with the central web interface.

Process overview

