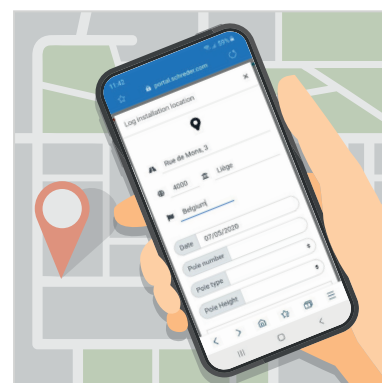


Smart Label



Luminaire data at your fingertips

The Schröder Smart Label enables installers and city managers to retrieve all key luminaire information on any digital device, whether it is mobile or desktop.

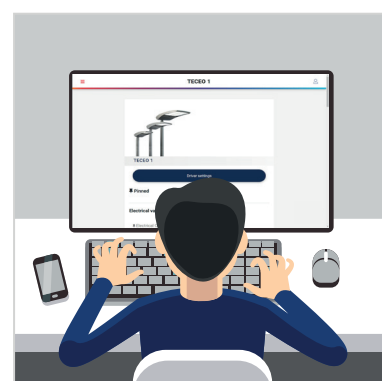
It is available on request for a selection of luminaires (only standard configurations).

Scan the QR code that includes a unique serial number and access the Smart Label Portal where critical information such as technical data, installation sheets and spare part references are easily accessible. With the offline scanning, you can access luminaire data at all time with your own QR code scanner and retrieve the information in a structured and coherent list.

This app does not only store luminaire data. You can also add your own information in free fields when ordering and during installation (geolocation details, pole and/or bracket type, mounting height) to better plan and manage your lighting installation.

This asset information can easily be exported to a city's Geographical Information System (GIS) or Asset Management system. Scan the package or the spare QR code label to add luminaire data to your own Asset Management System in no time.

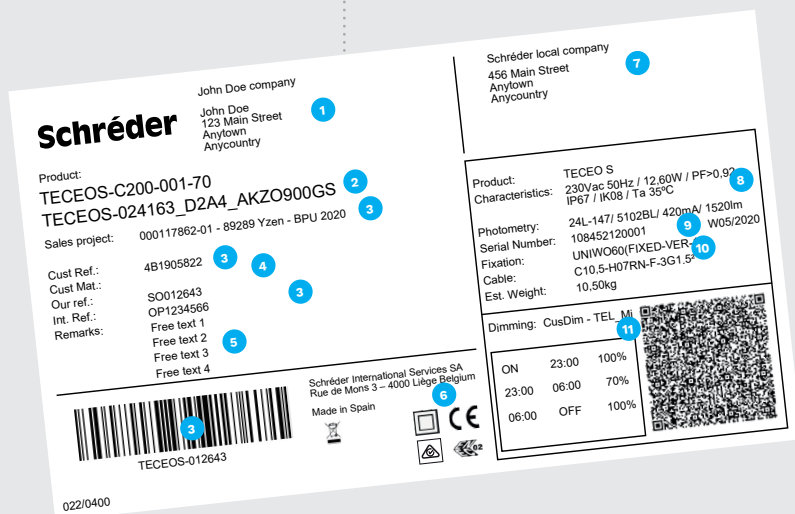
The Smart Label Portal is a web app that does not require any specific installation. All devices (PC, laptop, smartphone or tablet) with a compatible web browser can be used.



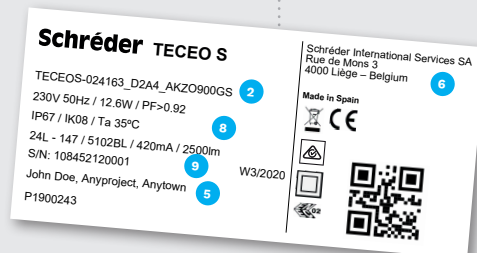
Key advantages

- Designed to guide installers and help city/utility managers to operate lighting infrastructure
- Instant access to luminaire data (offline and online) and installation instructions
- Portal for quick and easy asset inventory and project management
- Export and structure data for asset management systems
- Troubleshooting mode and integrated spare part request feature

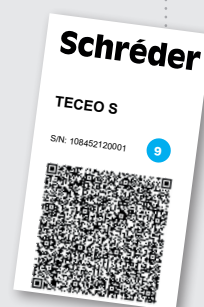
PACKAGING LABEL



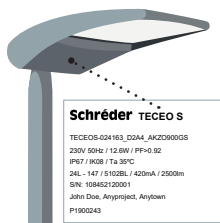
LUMINAIRE LABEL



SPARE LABEL



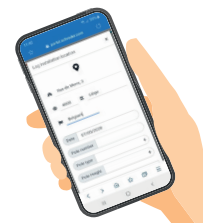
Packaging label



Luminaire label



Spare label



Smart Label portal

It contains all key luminaire information: certification, photometric data and dimming info (also embedded in the QR code). Each label is specific to the configuration and can be customised, when ordering, with information that might be useful for your project (4 free fields with 40 characters each).

It contains a summary of the essential luminaire information and a QR code to access the Smart Label portal. The portal enables the installer to add information for asset management (luminaire location, pole type/height, any other specific detail).

The spare label can be requested when ordering. It can be stuck on the fuse box at the bottom of the pole. This additional label can be used by the installer or technician to read the luminaire characteristics from the ground, without having to access and open the luminaire.

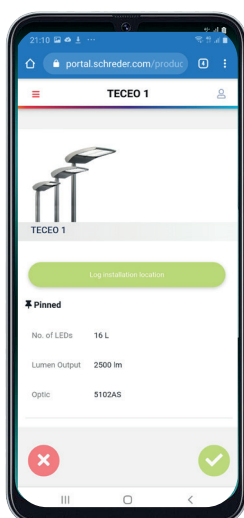
Progressive web app accessible with all devices with a compatible Web browser (Google Chrome, Microsoft Edge or iOS Safari). The Smart Label portal enables you to retrieve all luminaire information, to record installation and maintenance details, to request spare parts and to export all project information.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|
| Customer details (for delivery) | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Product code | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Schröder internal information | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Customer product reference | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Free fields for customer (own info) | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Manufacturer | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Schröder commercial entity | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Luminaire configuration details | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Luminaire serial number | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Fixation and cabling | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Luminaire dimming code (profile) | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |



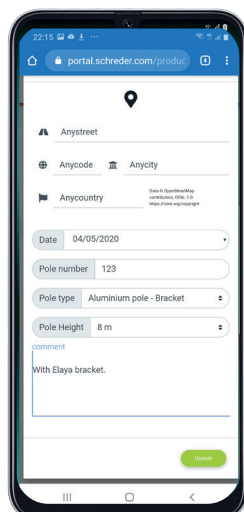
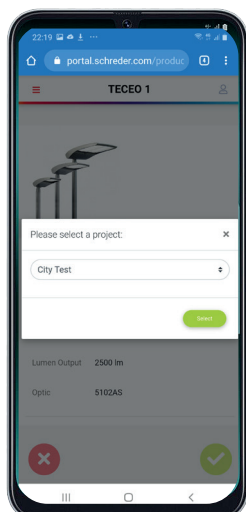
Scan and check the luminaire

On-site, the installer can open portal.schröder.com and scan the QR code on the luminaire or enter its serial number. The installer is then able to check the luminaire information, to access installation instructions and, as a registered user, to add the luminaire he/she is about to install to a specific project.



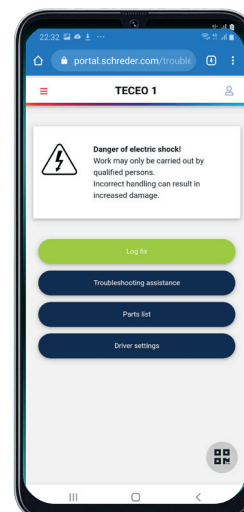
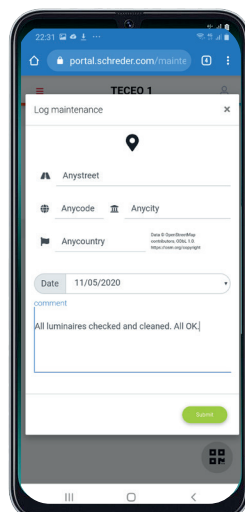
Add installation details

When connected to the Smart Label portal, the installer can add key information for asset management: project name, automatic address extraction from the GPS position (possibility to type the address), pole number, type and height. He/she can use the free comment box to add any other relevant information for the project management over time.



Maintenance and troubleshooting

When servicing the lighting scheme, the maintenance crew can record the date/operations completed. In case of luminaire failure, they can use the troubleshooting assistance and follow the instructions to find out the root cause, fix the issue and, if needed, request spare parts to repair the luminaire.





Installation preparation

Thanks to 4 free fields (40 characters each), the lighting manager can facilitate and secure the installation operations by adding key project information to the label for the luminaire box (4 free fields) and for the luminaire (free texts 3 & 4) when ordering. Project name, lighting class, application, location, specific references... Any type of information that might be useful can be added.

Schröder

John Doe company

John Doe
123 Main Street
Anytown
Anycountry

Product:

TECEOS-C200-001-70

TECEOS-024163_D2A4_AKZO900GS

Sales project: 000117862-01 - 89289 Yzen - BPU 2020

Cust Ref.: 4B1905822

Cust Mat:

Our ref.: SO012643

Int. Ref.: OP1234566

Remarks: Free text 1
Free text 2
Free text 3
Free text 4



Easy data retrieval and export

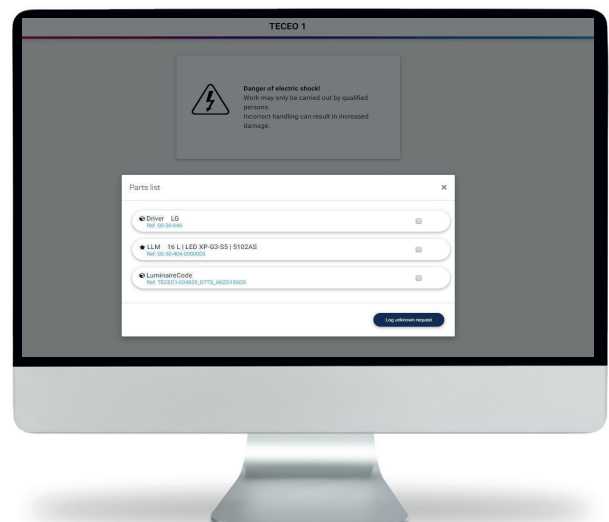
As project administrator, the lighting manager can retrieve all data recorded on-site by the installer. The data can then be exported in a common Excel format (.csv) and added to a lighting management database (Geographical Information System (GIS), Asset Management system...). This operation can be performed any time - after installation, after maintenance, after repair - to maintain up-to-date information.

| Date | Address | Message | Pole number | Pole Type | Pole Height | Client luminaire id | Serial number | Project |
|------------|--|---------|-------------|---------------------------|-------------|-------------------------------|----------------|---------------|
| 2020-04-27 | Boulevard Léopold 2, 44, 1050 Brussels - Belgium | | 3470 0012 | Steel pole - Bracket | 6 m | JAMP19M-016017_DK7M_AK2010000 | 103664504-0001 | City Brussels |
| 2020-04-27 | Enfilie Jansmaarten 8, 1050 Brussels - Belgium | | 2948 0055 | Steel pole - Bracket | 6 m | JAMP19M-022113_D2A4_AK2010000 | 103664507-0001 | City Brussels |
| 2020-04-27 | Rue Haute 296, 1050 Brussels - Belgium | | 3012 0002 | Steel pole - Post top | 6 m | AL36A13-004115_D2A4_AK2010000 | 103664510-0006 | City Brussels |
| 2020-04-04 | Rue de M&B 18, 1050 Brussels - Belgium | | 2490 115 | Wall bracket | | AK0202-000015_0049_S&L70408 | 103670817-0003 | City Brussels |
| 2020-04-04 | Boulevard de la République 35, 1050 Brussels - Belgium | | 1200 | Steel pole - Bracket | 7 m | TEC021-034025_0170_AK2010000 | 103664240-0001 | City Brussels |
| 2020-04-05 | Boulevard Léopold 2, 44, 1050 Brussels - Belgium | | 3470 0012 | Steel pole - Bracket | 6 m | JAMP19M-016017_DK7M_AK2010000 | 103664504-0001 | City Brussels |
| 2020-04-05 | Enfilie Jansmaarten 8, 1050 Brussels - Belgium | | 2948 0055 | Steel pole - Bracket | 6 m | JAMP19M-022113_D2A4_AK2010000 | 103664507-0001 | City Brussels |
| 2020-04-05 | Rue Haute 296, 1050 Brussels - Belgium | | 3012 0002 | Steel pole - Post top | 6 m | AL36A13-004115_D2A4_AK2010000 | 103664510-0006 | City Brussels |
| 2020-04-11 | Dormueval, 9000 Ghent - Belgium | | 1234 | Cable tray pole - Bracket | 7 m | JAMP19M-016017_DK7M_AK2010000 | 103664504-0001 | City Brussels |
| 2020-04-11 | Cité de Bruckley, 8021 Dour - Belgium | | 4587 | Aluminium pole - Post top | 5 m | TEC021-034025_0170_AK2010000 | 103664240-0001 | City Brussels |



Efficient operations and savings

The Smart Label portal enables both the installer and the city manager to exchange critical information throughout the life cycle of the luminaire (installation, maintenance, repair). This platform makes operations more efficient by preventing unnecessary on-site visits. By doing so, cities can make significant savings and maintain lighting performance over time.





Your luminaire data, any time

Access luminaire data at any time, thanks to the QR codes available on the packaging and spare labels. These QR codes enable installers and lighting managers to access the data of their lighting devices with their own scanner. Luminaire information is stored in these QR codes in a complete and structured list of data. This content can be imported and used in any data management system for the most convenient lighting installation management.



Your luminaire information, any way

For a lighting installation equipped with D4i drivers, the luminaire information is stored in the driver's memory bank, facilitating an even easier access to the devices' data with an open connectivity philosophy. The information can be read by the customer's own management system using the luminaire node for an open and futureproof lighting installation, that can be upgraded with any future technology.



Luminaire and spare labels

PHYSICAL SPECIFICATIONS

| | |
|-----------------|-----------------|
| Ink | Resin flat head |
| Total thickness | 6.2 µm ± 0.3 |
| Base film | Polyester film |
| Film thickness | 4.5 µm |

PRINTING SPECIFICATIONS

| | |
|----------------------|--|
| Material to print | Synthetic materials (PP, PET, vinyl, nylon...) |
| Usage conditions | 5°C to 35°C, 45% to 85% relative humidity |
| Warehouse conditions | 5°C to 45°C, 20% to 85% relative humidity |

LABEL DIMENSIONS

| | |
|-----------------|-----------|
| Packaging label | 183x104mm |
| Luminaire label | 70x35mm |
| Spare label | 70x35mm |

MARKING

| | |
|--------|------------|
| BS5609 | Approved |
| ISEGA | Approved |
| UL | Recognised |

Smart Label portal

SPECIFICATIONS AND REQUIREMENTS

| | |
|--------------------------|--|
| Specifications | Progressive web app |
| Compatible hardware & OS | Any PC, tablet or smartphone using Windows, Android or iOS |
| Compatible browser | Google Chrome, Microsoft Edge and iOS Safari |

APPLICATION FEATURES

| | |
|---------------------------|---|
| Scanning | Scan QR code |
| Installation | <ul style="list-style-type: none"> Access the installation instructions Log and update the installation location address (automatic retrieval from GPS position) Add pole number/type/height Add any relevant additional information (free comment box) |
| Maintenance | Log a maintenance operation (e.g. lens cleaning) |
| Troubleshooting | <ul style="list-style-type: none"> Detailed view of the driver settings and dimming profile Log a fix Troubleshooting questionnaire Request a spare part (driver, LED module or complete luminaire) |
| Information | Detailed view on the luminaire data |
| Export | .csv export (registered installations, maintenance or fix) |
| User & project management | <ul style="list-style-type: none"> Group luminaires into projects Generate a project code |
| Search products | <ul style="list-style-type: none"> Access the installation instructions Request a part Troubleshooting questionnaire |