

General disposal instructions

Referring to disassembly and disposal of luminaires and its components

1. General safety measures

The prescribed local safety regulations must be observed during disassembly and disposal. Use of the required personal protective equipment (cut-resistant gloves and glasses) is mandatory. Before any intervention the equipment must be safely disconnected from the mains and must be transported to a dismantling workshop.

Only trained personnel are allowed to perform dismantling and disposal of the appliances. Separate containers for safe storage of all types of disposed components must be available.

2. General setup of a Schröder luminaire

Regardless of the field of application, Schröder luminaires are usually constituted of:

- a body and a cover, made of aluminium alloy or various kinds of plastics;
- a fixation element, made of aluminium alloy or steel or stainless steel;
- a protector, made of flat glass or various kinds of shaped plastics;
- a geartray, made of steel sheet metal;
- fasteners, made of stainless steel;
- gaskets, made of silicone;
- one or more LED driver/s and other electrical components;
- one or more LED panels and associated optics;
- wiring and connectors, sockets.

Recycling symbols indicated on the parts, where possible.

3. Necessary tools for disassembly

For basic information always check the installation instructions of the relevant product on the Schröder website. Most of the product details and necessary tools are indicated in the document.

No special tools are needed for disassembly, all operations can be carried out with standard hand tools. We recommend to NOT use cordless drill for unscrewing stainless steel screws, to avoid cold welding.

Commonly used tools:

- combination wrench set (typical: 13-17)
- socket set (typical: 13-17)
- Allen key set (typical: 4-5-6)
- Torx key set (typical: Tx20-Tx25)
- cable gland spanner set (typical: 25)
- flat screwdriver set (typical: 3x0.5)
- side pliers

Please note, this list of tools is not complete, further tools could be necessary.

4. Disassembly

The luminaire must be disconnected from power network, removed from the pole and transported to a disassembly workshop.

General operations

- Clean the luminaire if contaminated
- Remove fixation parts
- Open the luminaire's gear compartment
 - If it's equipped with latches, no tools are needed for this operation.
 - If it's locked by screws, use a proper screwdriver for opening.
- Remove gear compartment cover
 - Take apart cover assembly
- Remove components from gear compartment using the correct tools.
 - Release connectors, cut wires, remove electronics, remove gasket
- Remove protector (glass or plastic)
 - Release protector fixation, remove gasket
- Remove LED panel and optics
 - Cut wires, release screws
- Take apart casted parts and remove all fasteners

Please note, the operations listed above are general but may not cover all activities. Further steps may be necessary.

5. Disposal of components

Separate components and sort them by raw material into the correct disposal container.

