

swing~light

Safety notes

- The electrical connection must be carried out by a qualified electrician. The supply voltage must be switched off before carrying out any installation or maintenance activities.
- Only use original parts from the manufacturer for maintenance and repair.
- The luminaire must not be connected directly to the mains voltage under any circumstances. Always use specified Hansen converters to connect the luminaire to the mains. Even a short contact to 230 V AC voltage will immediately destroy the luminaire! Failure to comply with this will invalidate the warranty.
- The manufacturer accepts no liability for damage caused by improper use or extreme external influences such as
- **Mistakes during transport and installation:**
 - excessive bending or twisting of the profile during transport, installation and in built-in condition
 - damage due to improper transport or installation
 - tampering with the electric circuits
- **Environmental and natural influences:**
 - overheating due to excessive ambient temperatures
 - chemical influences in the environment (e.g. sulphur)
 - dirt contamination on the inside and outside of the profile
 - overvoltage due to lightning and line faults

Please keep these instructions with the documentation of your installation.

Intended use

- The **hansen** swing~light is a component part, i.e. an electrotechnical component intended to be combined by the user with other components into an electrical device to form a final product in accordance with CE/VDE regulations or the product liability act respectively.
- It is designed as a decorative lighting element which can be installed inside and outside buildings. Installation and commissioning of the product is carried out by the customer.
- The swing~light must only be stored and operated under the permitted ambient conditions and in compliance with the connection data (see data sheet).
- The intended use includes observance of the associated technical data sheet, connection diagram and installation instructions.

Unpacking and checking the content

- The packaging must be opened in such a way that the content cannot be damaged. Particular care must be taken when using sharp tools.
- After unpacking, immediately check the content for damage (e.g. transport damage) and compliance with the delivery note.
- Any defects or deficiencies must be notified to the manufacturer immediately.
- Damaged products may not be transported further or used. Please contact the manufacturer to clarify how to proceed.

Planning and preparing the installation

- Check whether the installation site is readily accessible and easy to reach for the fitter. Note that it might be necessary to remove existing components (e.g. braces, frames or other objects) or modify the installation site.
- Fixing the swing~light on a surface (e.g. a wall, ceiling or facade): The surface must be suitable for a frictional connection. Usually, the profile is fixed with screws, i.e. drilling into the surface will be required.
- Routing and installation of the electrical connection cables: Possible junction boxes and the accommodation of the power supply unit as well as the maximum permitted cable length must be taken into account and planned in accordance with the electrotechnical regulations applicable at the installation site.

Cable entry



The end cap is designed to allow the connecting cable to exit the profile either sideways or downwards.

Components



- 1 swing~light light profile
- 2 Aluminium mounting profile (rigid)
- 3 Spring steel mounting brackets

Installation using the mounting profile/brackets

The swing~light is designed to be installed with an aluminium mounting profile (1) or spring steel mounting brackets (3).

The aluminium mounting profile is used to install the swing~light in a straight line. If a curved illuminated line or round shapes are required, the spring steel mounting brackets must be used.

First, screw the mounting profile or the mounting brackets to the wall according to customer specification taking into account the position of the connecting cable. Then, starting from one end, push the swing~light into the mounting profile or the mounting brackets.

A hybrid adhesive – e.g. **OTTO COLL M550 HiTack** or similar – can be used for additional security.

If any corrections are required, the swing~light can be carefully pulled out of the mounting profile or the mounting brackets.

Electrical connection: see connection diagram

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Bending the swing~light

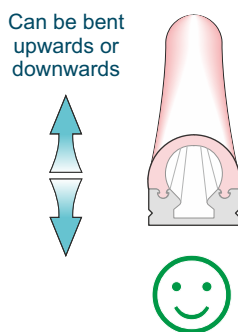
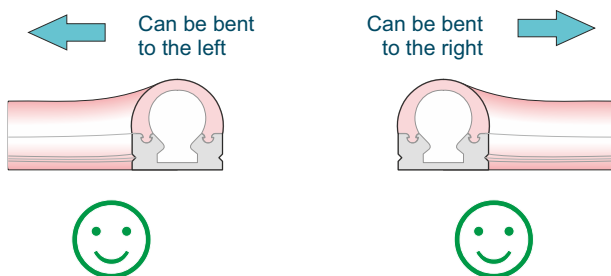
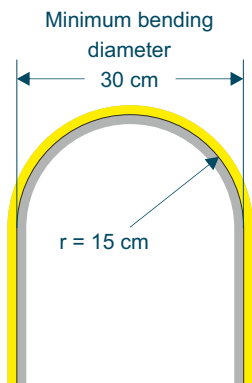
Single-colour swing~light: flexible in any direction

The single-colour variant of the swing~light can be permanently bent in any direction.

The minimum bending radius is 15 cm, which is equivalent to a bending diameter of 30 cm, applicable in any direction.

An A4-sized paper provides a good orientation: The long side is equivalent to the smallest possible bending diameter.

If the profile is to be installed in bent condition, the mechanical forces generated must be absorbed by suitable fixtures (e.g. mounting brackets).



RGB swing~light: flexible in one plane

The RGB variant of the swing~light can bent in one plane only. The smallest bending radius is 15 cm (similar to the single-colour variant).

In other words, the profile could literally be wound around a column.

