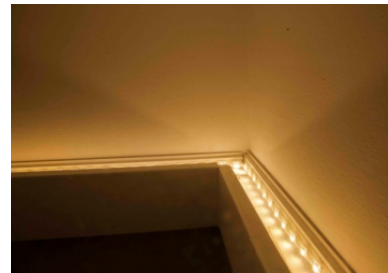


The LED Tube is an illuminant designed for:

– the illumination of channel letters and advertising signs



– for indirect lighting and cove lighting applications inside and outside buildings



The LED Tube offers the following benefits:

- No LED system uses electrical energy more efficiently than a series connection. Systems using the ***hansen*** LED Tube use 25% less energy than comparable 12 V installations.
- The LEDs in the LED Tube are spaced absolutely evenly. This is a benefit when it cannot be avoided that LEDs remains visible as a bright spots. If such punctual visibility is desired, the even spacing is even more beneficial.
- The LED Tube is flexible in all directions, i.e. it can be bent freely and adapted to the shape of the body to be illuminated. This allows three-dimensional surfaces to be illuminated uniformly. There are virtually no limitations to the bending radius.
- We offer everything from a single source: Professional advice and qualified quotations, free energy consumption and payback calculations, LED Tube, converters, protective switches, mounting material, connecting cables, protective enclosures, and controllers
- More than 15 years of experience: The first illuminated advertising signs using the LED Tube were produced in 2002. Since then, we have been monitoring some of these systems closely. By now, thousands of systems with the LED Tube have been installed to the fullest satisfaction of our customers – a clear testament to its durable quality.

