

Converter Boxes & Converter Cabinet

The requirements for the equipment of lighting and illuminated advertising systems have increased. Nowadays, it is virtually "standard" for systems to be dimmable. Light-sensitive control systems are well established. A connection to the building management system via DALI is often desired.

The above-mentioned features can be realised easily, safely and easily accessible by centralising the entire "technology" in one housing. Converter boxes can be mounted on the inside or outside of the wall.

A converter cabinet is required for larger systems, e.g. an advertising mast. It can be installed free-standing on concrete or in the ground and houses the entire converter and the control electronics. And it is easily accessible at "eye level".

The special ***hansen*** series connection of the LEDs has two further advantages:

The cable length between LEDs and converters can be up to 200 metres. Example advertising tower: LEDs at the top, converter at the bottom of the mast or in the building.

The series connection of the LEDs with the ***hansen*** converters consumes approx. 25% less energy (compared to parallel connection with 12/24 volts) and is therefore a GREEN-LIGHT-TECHNOLOGY product.



Advertising tower
Kibek, Elmshorn



Advertising tower Kibek, Elmshorn:

Several large illuminated banners on an advertising tower are controlled by two converter cabinets at the base of the mast.

A total of 62 dimmable converters are installed, including connection terminals, light-sensitive controls and energy meters.



Luminous advertising Market Rothe, Lüneburg:

The façade profile and various backlights with LED tubes are supplied centrally from five converter boxes.

The system is dimmable and is supplied via a light-sensitive control system.



Web-Tower, Berlin:

Three coloured light lines (LED pipe) illuminate the outside of the building over 22 storeys. The system is dimmable and can be switched in segments.

The entire technology is located in the converter box on a car park deck.

Advertising tower Kibek, Elmshorn

