

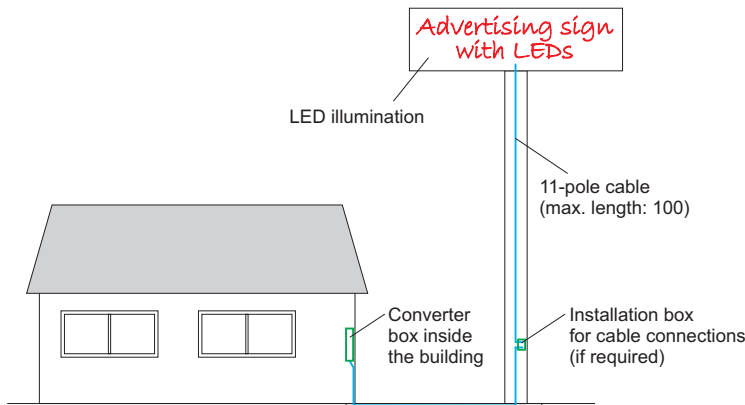
# Converter Box – Description

The converter box is a protective housing for power supply units, especially for LED converters. It allows converters, mains filters, dimmers and their cable connections to the series-connected LEDs (LED Tube) to be professionally installed and housed.

The converter box was specially designed for large, professionally built illuminated advertising systems to accommodate the converters outside the illuminated sign (letter or light box).

The drawing below shows an example of an LED-illuminated pole-mounted advertising sign. The converters are installed in the box inside the adjacent building. The converters are connected to the LEDs by means of a special 11-pole cable.

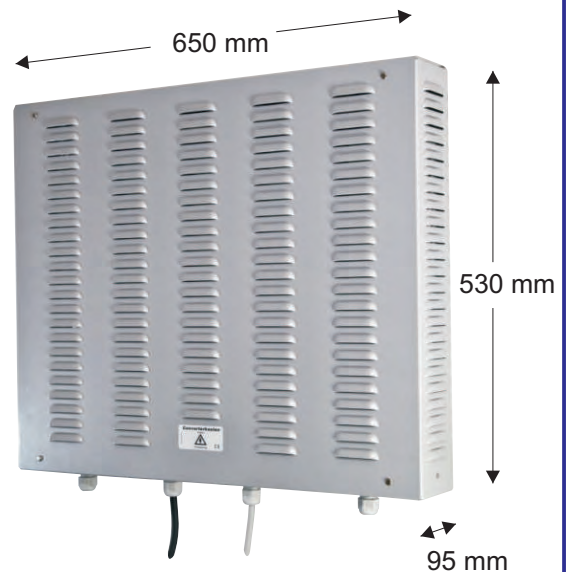
The maximum allowable distance between the illuminated sign and the converter box is 100 m.



One converter box fully equipped with five C100/990 converters and a connection cable can operate up 1,400 LEDs.

**This corresponds to an illuminated area of 20 to 25 sqm.**

(depending on the LED density)



The converter box can be fitted with both dimmable and non-dimmable converters.

**Technical data:**

Width:	650 mm
Height:	530 mm
Depth:	95 mm
Weight (empty):	4.7 kg
Material:	Aluminium sheet

Order no.: 5 000 8888



**CE IP 21**

- Cable junction boxes for:**
- Incoming mains cable
  - Installation box
  - Converter mains connection
  - Converter/LED connection
  - 0-10 V control voltage

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