

Xero L

Assembly and operating instructions
USA & CANADA

visplay

TECHNICAL DATA SHEET XERO L

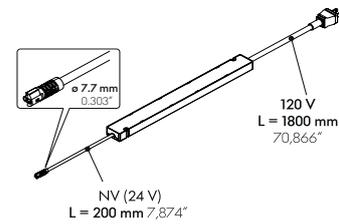
Xero L has a CE label and a UL certificate for U.S. and Canada.

Converter 24 V for electrified profile

Converter with input voltage 120–240 V / mains frequency: 50–60 Hz electronic protection against overload, overheating and short-circuit.

- Housing temperature max. 75 °C / max. 167 °F
- Nominal output voltage: 24 V / SELV
- Power supply with permissible nominal current of max. 4 A
- Connection cable from converter to infeed unit **500 mm/19.685"**
- Class 2

NOTICE! If dimmers are to be used, electronically controlled, low-voltage dimmers must be installed!



! Please make sure that the inspector has access to the driver

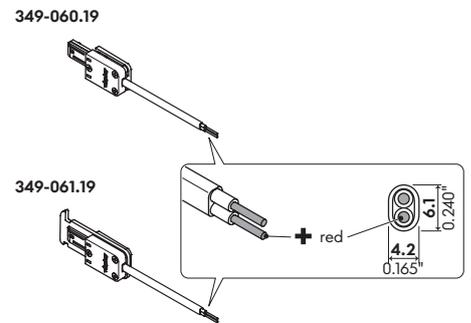


Single power adapter 24 V

Single power adapters can be used with the Xero L and Xero Twin systems. Low voltage lighting may only be connected by trained personnel.

If multiple adapters and appliances will be used, their total power consumption may not exceed the specified nominal current or fuse rating. The permissible nominal voltage and nominal current are also limited according to the adapters used (see printed label and safety information).

Permissible nominal current max. 4 A.



Product safety

Xero L electrification in detail: conductor rail with power supply, integrated into system support profile.

Correct functioning and safety are guaranteed when properly used. No liability is accepted in event of improper use. Product safety is based exclusively on the use of original Xero L and Xero Twin accessories from Visplay.

No alterations may be made, for safety reasons; the only exception is the shortening of profiles from the right-hand side.

The safety instructions of the assembly instructions must be followed as well as the instructions on the labels of the individual parts.

The indicated nominal current (A) may not be exceeded.

In event of improper use or cleaning with liquids, a risk of an electric shock exists due to possibly exposed live parts. Always disconnect from power before cleaning or servicing.

If rails or adapters exhibit visible signs of damage, disconnect them immediately and inform your service technician.

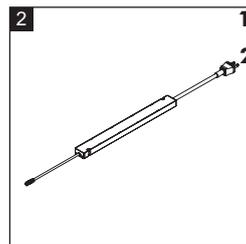
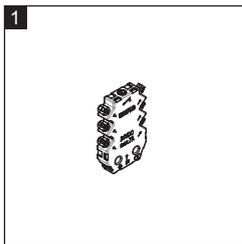
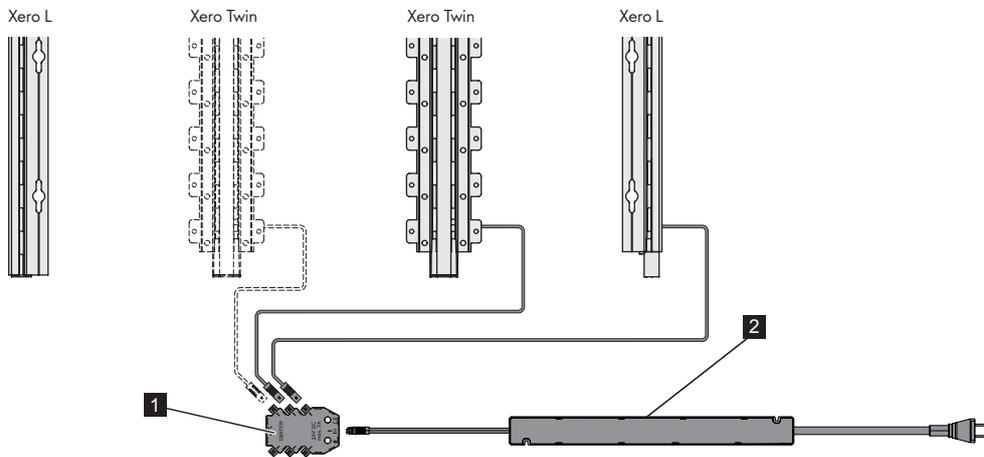
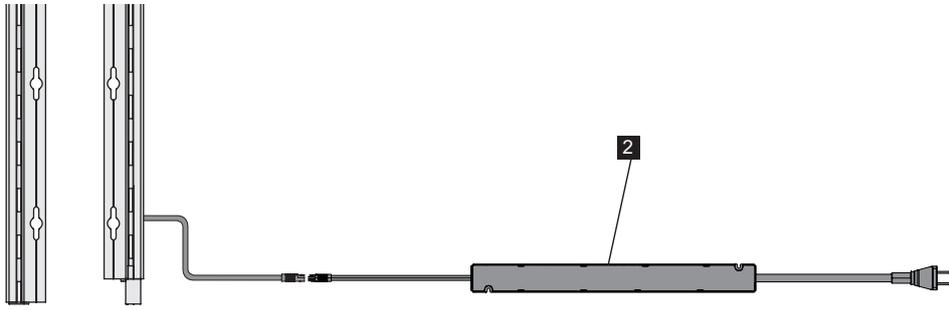
! Only use Xero L and Xero Twin system accessories! Do not use any other parts.

The user is responsible for ensuring that any connected equipment is electrically, mechanically and thermally compatible with the conductor rail.

Visplay connection system

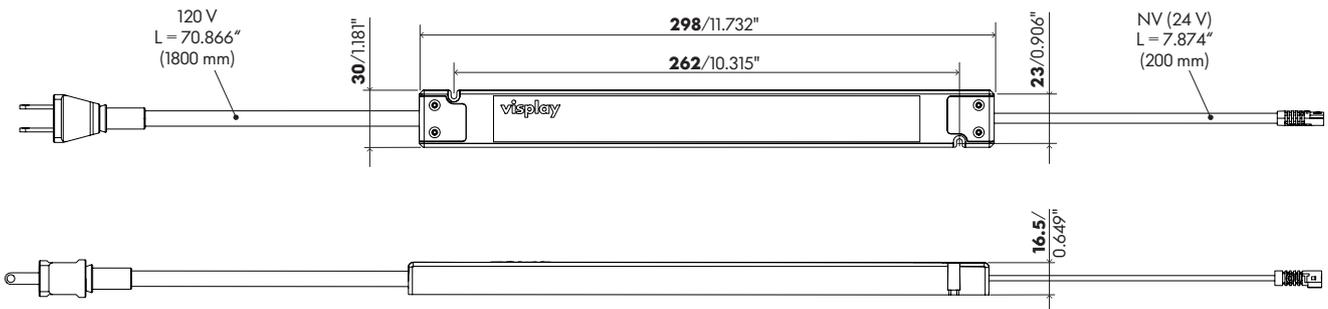
⚠ Check the power consumption of electrical appliances! The maximum power consumption should be 10% below the nominal power of the converter.

Powering with 96 W converter

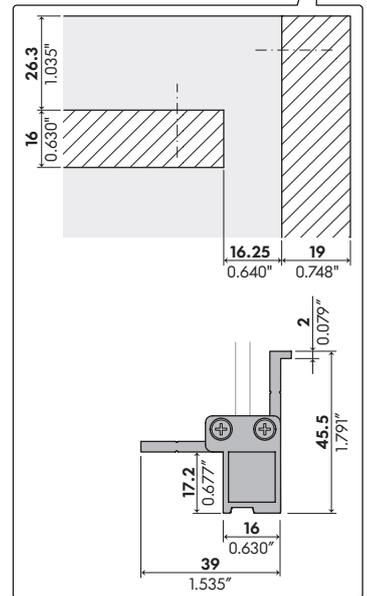
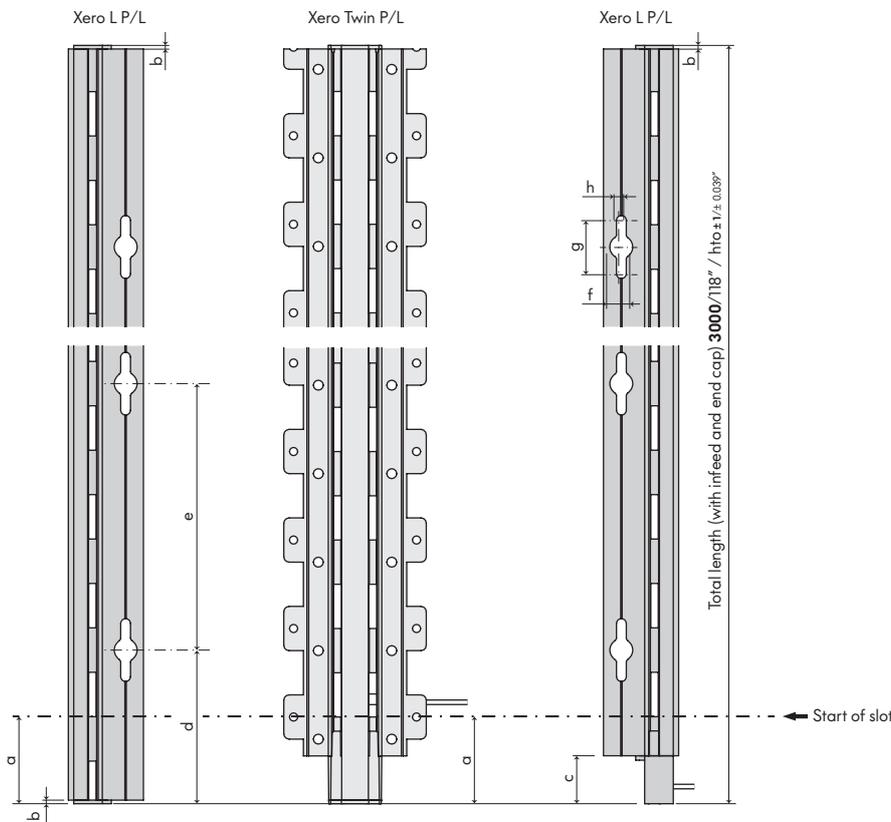
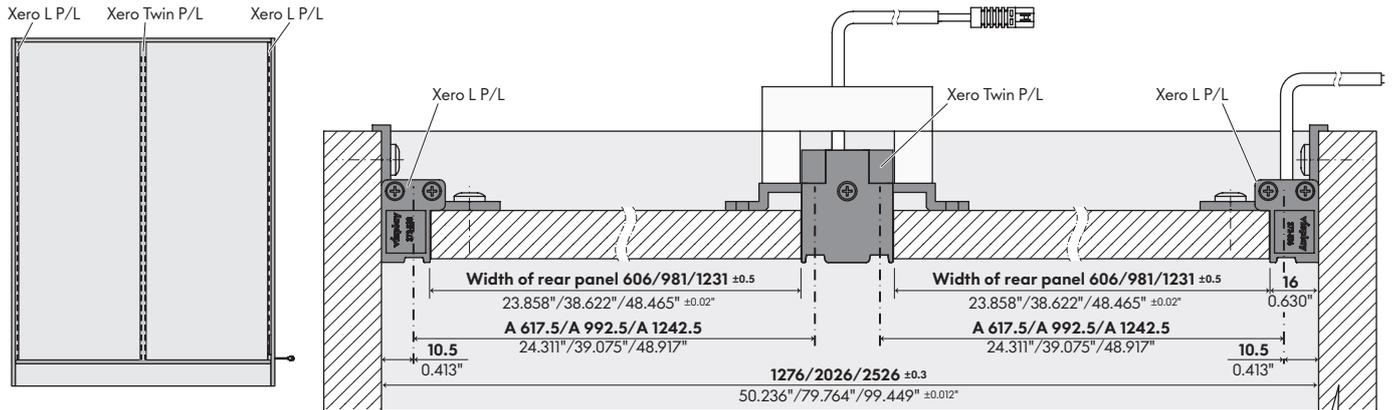


1 24 V distributor, 6 way - optional
2 96 W LED converter

Dimensions of the 96 W converter



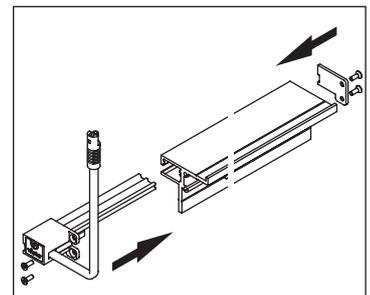
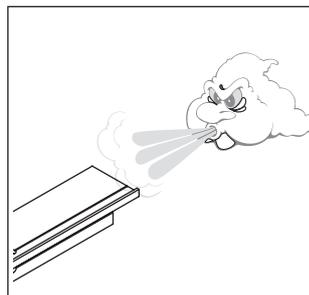
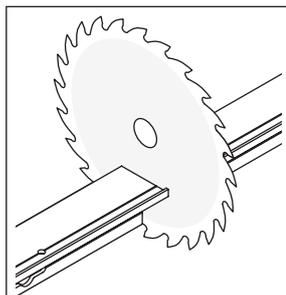
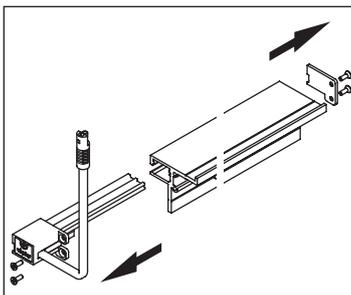
Assembly dimensions for 2 axis: Xero L profile set electrified and Xero Twin profile electrified



	mm	in
a	49	1.929
b	2	0.079
c	27	1.063
d	86.5	3.406
e	150	5.906
f	∅13	∅0.512
g	30	1.181
h	∅5.6	∅0.220

Shortening a profile

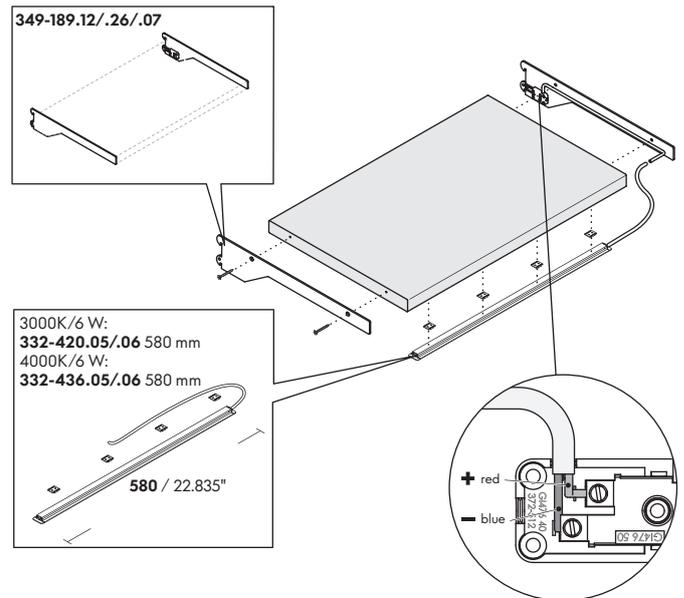
- ❗ The electrical components and the end cap must be removed before shortening the profile. Always shorten a profile from the top side and burr the edges. Make sure that all shavings are removed from the profile. The electrical components and end cap must be fitted back onto the profile.



Wooden shelf for brackets with single power adapter

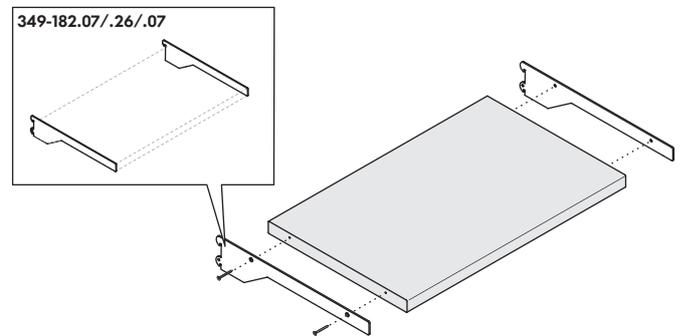
ⓘ For wooden shelf max. 1245 mm/49.016" long by max. 380 mm/14.961" deep and max. 12 W power consumption

📄 Production drawings of wooden shelves are available for downloading on www.visplay.com or can be received on request. Drawing no. 229-120

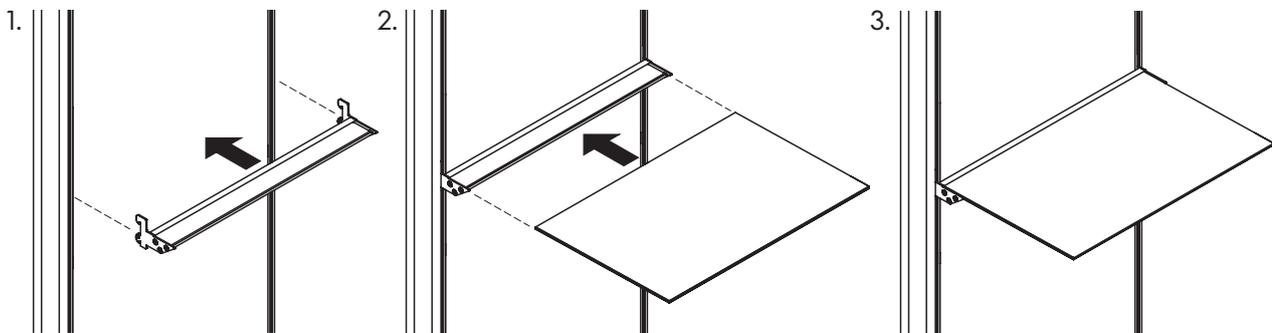


Wooden shelf for brackets

📄 Production drawings of wooden shelves are available for downloading on www.visplay.com or can be received on request. Drawing no. 252-821



Attaching the glass shelf



ⓘ The merchandise support has a slight slope (approx. 2°)

Weight loads

ⓘ The indicated weight loads are always based on the total weights of the merchandise support and goods. Please note that max. permissible load decreases as the merchandise support increases in length. Please note that the inclination of the merchandise support changes with an increase in load. Different weights on the merchandise supports result in an uneven overall appearance of the goods display. Please note that the weight limit can be reduced considerably when mounting in glass and sheet metal. The max. permissible load of the Xero L depends on the nature of the wall, the number of fastening points as well as the fastening material used. All fastening points have to be used in event of a maximum weight load. Please also observe the weight loads indicated in our sales documentation.

Max. load

Profile	per 1000 mm/40"	220 lbs
Glass shelf with/without LED lighting		55 lbs
Brackets with/without single power adapter 24 V for wooden shelf		55 lbs