Dutch Electro
transport lighting

Lane series

Inverter replacement instructions

1 First cut three wires loose from the inverter as shown below in the picture.

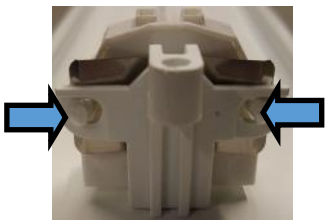
Cut this ground cable loose from the inverter as close to the inverter as possible

Cut this 'negative' cable loose from the inverter as close to the inverter as possible

Cut this 'positive' cable loose from the inverter as close to the inverter as possible

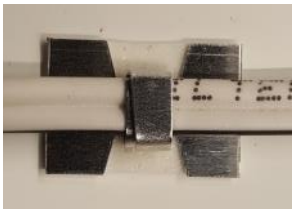
⚠ **Leave the cut cables in the fitting. They are needed for the new inverter**

2 After the cables have been cut, the lamp holders (2 x) have to be removed from the brackets, as shown below.

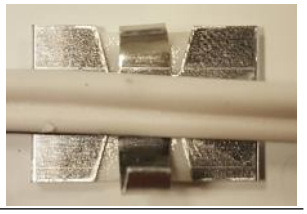


Press these two pins together, in order to release the lamp holder from the bracket. After the release, the lamp holder can be removed from the bracket. (The two lamp holders are still connected to the old inverter via 2 cables.).

3 Release the cables from the lamp holder out of the fitting.

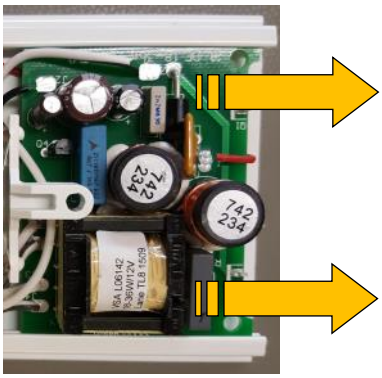


The cables are held in place by the so called 'sticky clips'.



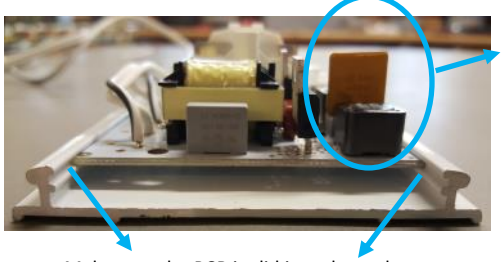
Just bend the two parts open, to release the cables.

4 After the cables have been cut and the lamp holders have been released, the inverter can be slid out of the base and completely removed from the fitting.



5 After the inverter has been removed, the remaining cut off cables have to be stripped (6 mm core has to stripped).

6 Insert the new inverter into the fitting.



In order to place the inverter in the right direction, these components have to be on this side.

Make sure the PCB is slid into these slots.

7 Re-insert the lamp holders back into the brackets

Put the lamp holders (2 x) (which are already connected to the new inverter) back into the brackets

This is the wiring to the inverter, which is already connected to the inverter

See next page

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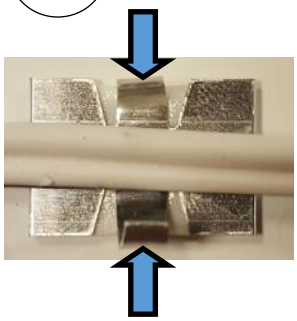
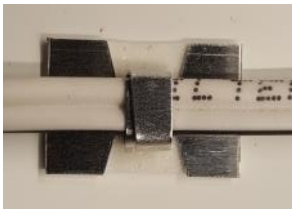
8 Secure the cables from the lamp holders with the ‘sticky clips’



Just bend the two parts, to secure the cables.

The cables are now secured in the ‘sticky clips’



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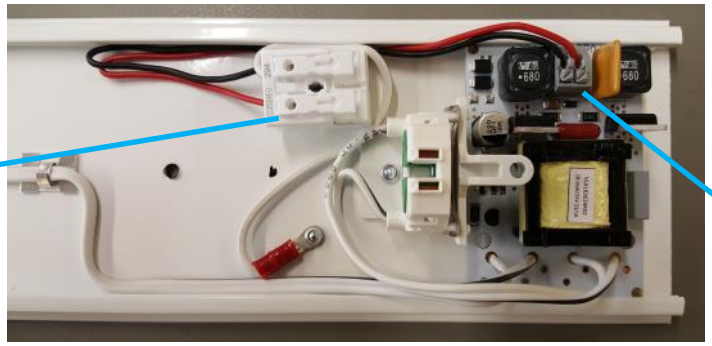
9 Connect the cut-off wires to the new inverter



The red and black cable should not be mixed up.

First the ‘ground’ cable (white) has to be inserted into the existing connector as shown in the picture above

The red (+) and black (-) cables have to be inserted to the inverter as shown in the picture above.

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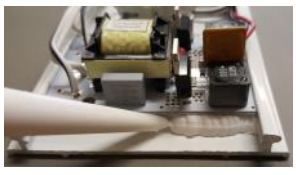
10 Secure the inverter to the base with white silicone sealant (**acid-free!**)



Put the sealant between the inverter and the base.

The sealant has to cover this hole in order to be sure there is enough sealant.

To guarantee that the inverter is secured correctly, the sealant needs to cure long enough.
(Refer to the applied sealant for the right curing times.)

Horselstraat 11 6361 HC Nuth (The Netherlands) T +31 (0)45 524 5757 F +31 (0)45 524 5803 E info@dutchelectro.com I www.dutchelectro.com