

Maintenance



- Tackle all Safety information in this manual before proceeding
- Regular cleaning prevents degeneration of the light output
- Remove all spill of any material from the the Treno and/or power supply box immediately
- Prevent using aggressive or corrosive cleaning detergent. If you use detergent make sure that detergent doesn't have any impact or ingression on the appliance and/of the Power supply box.
- Do not open the appliance in any way.
- Do not use high pressure water jet or high pressure air for cleaning

- Before doing any cleaning maintenance disconnect the the AC power to the Power supply
- Leave connectors attached to the appliances and make sure the securing cap is still correctly screwed on.
- Clean with dry or damp cloth.

NOTE: BEFORE RE-ENGAGING THE POWER MAKE SURE THERE ARE NO WET PARTS WHICH CAN CONDUCT ELECTRIC CURRENT

Disclaimer

NeoFos does not warrant that the hardware will work properly in all environments and applications and makes no warranty and representation, either implied or expressed, with respect to the quality, performance, merchantability or fitness for a particular purpose. NeoFos has made every effort to ensure that this manual is accurate; NeoFos disclaims liability for any inaccuracies or omissions that may have occurred.

Information in this manual is subject to change without notice and does not represent a commitment on the part of NeoFos. NeoFos assumes no responsibility for any inaccuracies that may be contained in this manual. NeoFos makes no commitment to update or keep current the information in this manual and reserves the right to make improvements to this manual and/or to the products described in this manual at any time without notice.

All information in this manual is subject to own interpretation. Use your own common sens and knowledge for mounting, installation, operation, service and maintenance.

If you find information in this manual that is incorrect, misleading, or incomplete we would appreciate your comments and feedback.

NeoFos B.V.
Rechte Tocht 9N
1507 BZ ZAANDAM
www.neofos.eu
info@neofos.eu

Copyright NeoFos B.V. 2013

Contents subject to revision without notice.

NeoFos is a registered trademark of NeoFos B.V. The information in this manual us subject to change without notice.

NF-MAN_20140419_1-TRENO

NeoFos

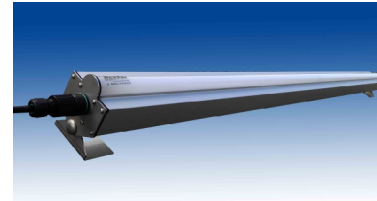
NeoFos B.V.
Rechte Tocht 9N
1507 BZ ZAANDAM
Nederland

Installation Manual

www.neofos.eu

info@neofos.eu

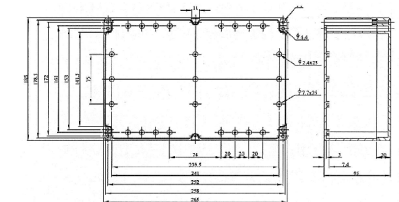
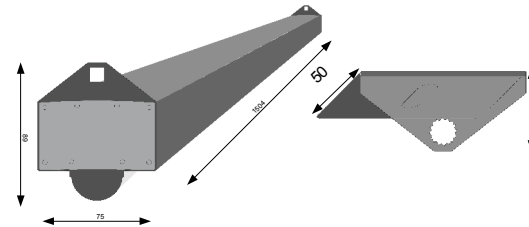
Treno LED appliance 1500 36-42V



Power Supply BOX



Images can differ from the actual product



L=1504
W=75
H=90

L=50
W=75
H=36

L=265
W=185
H=95

Contents included 1:

- Treno LED Appliance (Treno)
- mounting brackets (attached)
- pre-assembled tailored connection cable M-F and dust caps (if ordered)

Content 2:

- Power supply box (can be boxed separately)

Additional mounting items needed;

- 2 x M6-M8 bolts/nuts and washers for surface mounting the Treno mounting brackets
- 4 x M4 bolts/screws and washers for surface mounting the Power supply box

Table of contents

Safety information.....	
Eye damage.....	
Electrical hazard.....	
Fire prevention.....	
Specifications.....	
Treno 1500 LED appliance.....	
Power supply box.....	
Installation.....	
Packaging.....	
Physical installation.....	
Connecting the power supply to the AC Power (100-240V).....	
Maintenance.....	
Disclaimer.....	

Safety information



WARNING, Carefully read this manual before mounting, installing, powering or servicing the devices. Do nothing if any information is misunderstood! Mounting, installing, powering and servicing must be carried out by a qualified professional according to local legislation, regulation and code.

Eye damage

- Do not look directly into the bare light source

Electrical hazard

- Shut down power before installation or maintenance
- Power supply boxes or other recommended power supplies must be installed by a qualified professional according to local legislation, regulation and code. Only acceptable source of AC power and frequency according to the power supply features can be used. Information on that can be found on the power supply in the Power supply box.
- Do not use or do not connect the products if the power cable, power plug or LED appliances are in any way damaged, wet or overheated.
- Do not modify, alter or attempt to service the Treno or Power supply (box). Doing so can cause damage and will void the warranty.
- Only connect the individual Treno LED appliance with the correct provided cable assembly. Damaged cable assemblies must be replaced with new ones.
- AC Power supplies must be earthed in a proper way according to local code.

Fire prevention

- Follow all safety consideration and precaution according to local legislation, regulation and code.
- Never bypass Thermostatic switches or fuses
- Allowed maximum ambient temperature is -20°C ~40°C

Specifications

Treno 1500 LED appliance

Lamp type: LED
Housing: Anodized Aluminum ALMgSi0,5 / 20μ (EN-AW6060 T6)
Cover: Polycarbonate Milky white
Ingress Protection: Silicon based adhesive IP65 tested
End cap: Stainless steel A4 (316) with EPDM gasket 3mm
Mounting bracket: Stainless steel A4 (316)
Weight: 3645-4000Gr
Input/output power: 36-42V DC
Current cap: 600mA LDD
Connections: TH-384 2P Male (power in) 2P Female (power out) IP66-68

Power supply box

Housing type: ABS dark grey
Ground plate: Steel 2mm
Connections: Wiska cable glands (input and output) M20 (6-13mm)
Power in: 100-240V AC 50/60Hz L – earth - N (Brown – Yellow/Green - Blue)
Power out: 36-42V DC out + (red) - (black)
Power supply: MW HLG185(H)-42A 4.4A
Maximum appliances (Treno 1500): 7 (seven)
Protection: IP65

Installation

Packaging

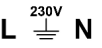
- Items are carefully packed in project size boxes with paper/cardboard separation.
- Unpack carefully without damaging the items
- If the package upon delivery is damaged, immediate report to the transport company. Take pictures for evidence as those are valuable for future claim.



Physical installation

- Install the Power supply box with 4 M4 screws or bolts to its supposed surface. Make sure the surface is flat. Mounting holes 153 x 252, hole diameter 4.4mm .
- DO NOT CONNECT AC POWER!
- Use the pre-assembled cable with ONE connector to measure the maximum distance for connecting the first Treno in line. The cable can be shortened if needed. If the wire is threaded crimp a cable lug (2,5mm²) on the the wire. Connect the cable to the according connector marked with 42V out in the power supply box and fasten the cable gland tightly. NOTE corresponding colors: brown = +/+ (red) and blue = -/- (black)
- Use M8 or M6 bolt or nuts and according washers for proper fixation of the Treno to its supposed surface. Make sure the surface is flat and free of any hazardous objects. Tighten the nut to the mounting bracket accordingly. The Treno must have enough space for rotation if applicable.
- Use the pre-assembled cable with TWO connectors to determine the position of the next Treno. Repeat this step until the maximum amount of Treno's is reached! (see specifications) OR as specifically designed!
- Connect the pre-assembled cables to the appliances accordingly and screw the securing cap tightly so that it seals perfectly
- Repeat all steps for subsequent installation. If applicable, screw on the dust cap on the last appliance so the power exit of that applicable is closed for ingress
- NOTE: FIRST FINISH ENTIRE INSTALLATION BEFORE CONNECTING AC MAINS

Connecting the power supply to the AC Power (100-240V)

- Tackle all **Safety** information in this manual before proceeding!
- Connect the main power cable (100-240V 50-60Hz) to the according connector marked with 
- Make sure all connections are secured and connected accordingly
- Turn the power back on. Switch on if the solution is switched
- Check if the the solutions works as designed and take corrective measures if necessary