



R. STAHL, INC.

9001 Knight Road
Houston, TX 77054
Tel: 800-782-4357 FAX: 713-792-9301
E-mail: sales@rstahl.com
Website: www.rstahl.com

R. STAHL
Schaltgeräte GmbH

Geschäftsbereich Leuchten
Nordstraße 10
99427 Weimar, Germany

**INSTALLATION OPERATION
& MAINTENANCE SHEET**

EXLUX 6008

Series 6008/5

Explosion Protected Fluorescent Emergency Light Fixtures for Hazardous and Corrosive Applications

EXLUX 6008 carries out
pre-programmed testing schedules,
monitors emergency ballast performance
and battery charging



Please read this entire document before beginning any work.

1. Safety Instructions

Installation and maintenance of these fixtures should only be performed by qualified personnel in accordance with the National Electrical Code (NFPA 70) and local codes, as well as NFPA 101 section 5-9 for emergency lighting.

CAUTION:

- Disconnect power supply before installing or servicing these light fixtures.
- Any modification to these fixtures without written approval from the manufacturer is not permitted.
- Operate only undamaged and clean fixtures within the operating parameters listed in section 2.
- These fixtures shall be installed with conduit or wired with 90° C cable, listed for the appropriate location, per the NEC requirements.
- These light fixtures must be transported and stored in their original packaging only.
- These fixtures are automatically de-energized by opening the central interlock mechanism. The battery circuit is automatically de-energized by opening the battery enclosure.

2. Technical Data

Please also refer to the technical data on the nameplate of the light fixture.

Certification

FM File No. J.I.3D2A9.AE
Class I, Zone 1 & 2, AEx edm IIC T4
Class I, Div. 2, Groups ABCD T4
Class II, Div. 1 & 2, Groups EFG
Class III

Ambient temperature

Normal Operation 50° C (122° F) Max.
Emergency - 20° C (-5° F) Min.

Charging Operation 50° C (122° F) Max.
-5° C (23° F) Min.

Environmental protection

IP 66 / Type 3, 4, 4X
After proper installation of original entry hardware.
(see parts and accessories)

Lamp Type

T8 Medium Bi-pin base

Electrical:

(See fixture nameplate for supply voltage and lamp wattage).

EMI Protection

To ANSI C82.11

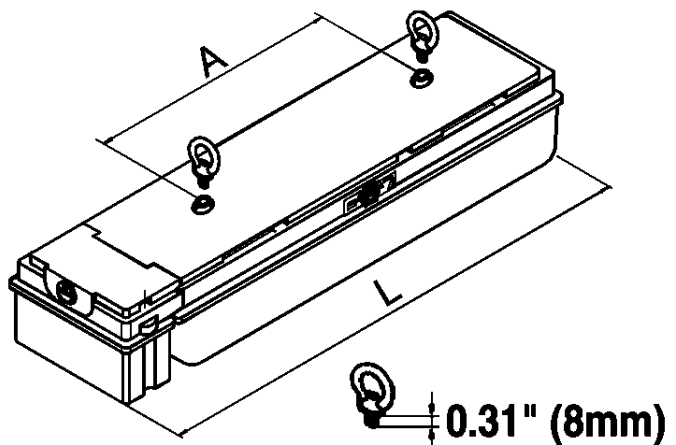
Battery Capacity

7 Ah

3. Fixture Mounting Methods

3.1 Suspension on eye bolts with fixed suspension points
(see parts and accessories)

Version	A	L
4'	31.50" (800mm)	54.72" (1390mm)





R. STAHL, INC.

45 Northwestern Drive
Salem, NH 03079-4809
Tel: 800-782-4357 FAX: 603-870-9290
E-mail: sales@rstahl.com
Website: www.rstahl.com

R. STAHL
Schaltgeräte GmbH

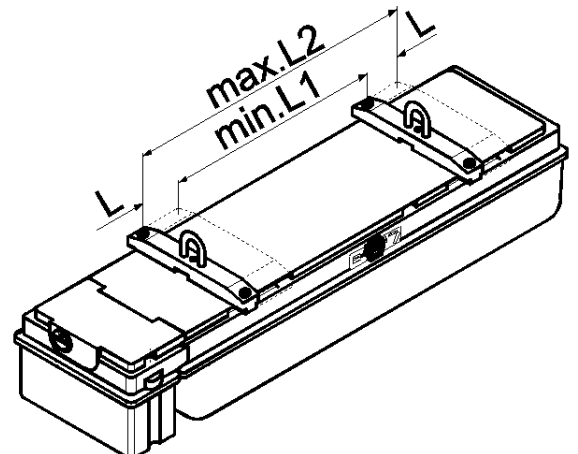
Geschäftsbereich Leuchten
Nordstraße 10
99427 Weimar, Germany

INSTALLATION OPERATION & MAINTENANCE SHEET

3.2 Suspension Mounting

Using adjustable suspension hardware.
(see parts and accessories)

Version	min. L1	max. L2	L
2'	10 1/4" (260mm)	18 3/4" (476mm)	4 1/4" (108mm)
4'	26" (660mm)	34 1/2" (876mm)	4 1/4" (108mm)

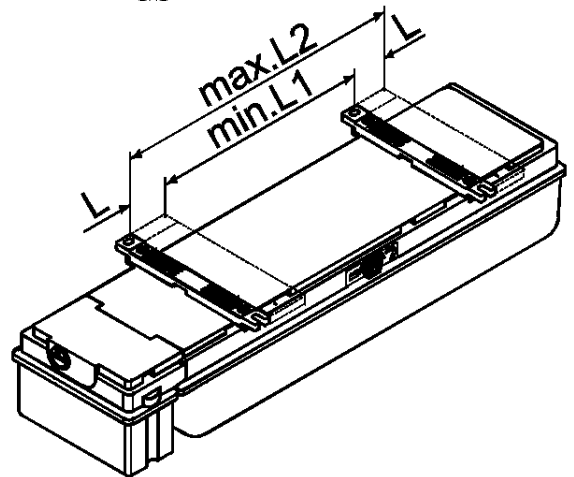


3.3 Adjustable Ceiling Mounting

This method allows mounting the fixture directly to the ceiling using screws.(see parts and accessories)

CAUTION:

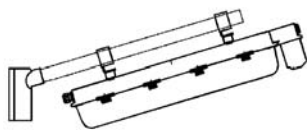
Make sure the ceiling is such that the fixture is not twisted which would impair the Ingress Protection.



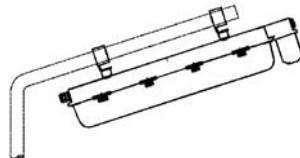
3.4 Pole Mounting

Pole mounting of the fixture is permissible only using a pair of pipe clamps with matching brackets which provide reliable attachment at four points.

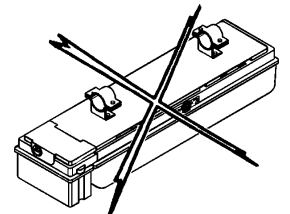
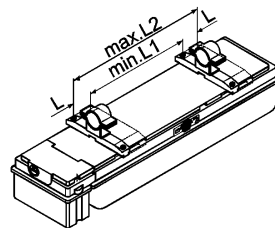
Standard pipe clamps do not provide adequate stability and are not suitable for pole mounting.
(see parts and accessories)



Wall or corner pole 1 1/2" mounting method
(see parts and accessories)



Pole mounting method 1 1/4", 1 1/2" or 2"

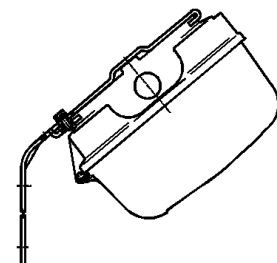
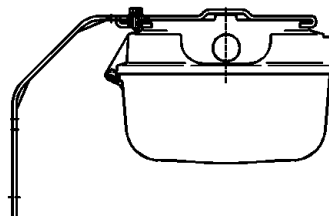


Do not mount the clamps directly to the fixture

CAUTION: Make sure the fixture is not twisted, which would impair the Ingress Protection

3.5 Wall Bracket Mounting

Installation with wall brackets 90° or 50°. (see parts and accessories)





R. STAHL, INC.

9001 Knight Road
Houston, TX 77054
Tel: 800-782-4357 FAX: 713-792-9301
E-mail: sales@rstahl.com
Website: www.rstahl.com

**R. STAHL
Schaltgeräte GmbH**

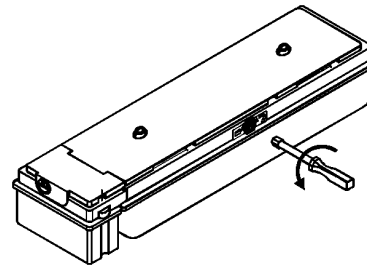
Geschäftsbereich Leuchten
Nordstraße 10
99427 Weimar, Germany

INSTALLATION OPERATION & MAINTENANCE SHEET

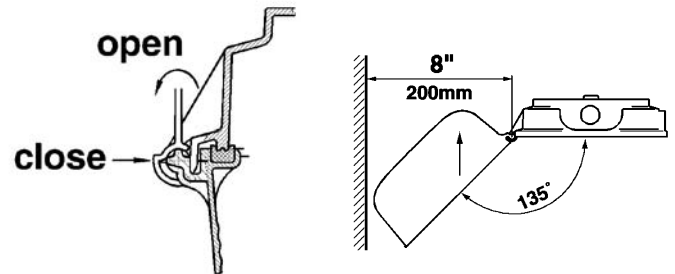
4. Connections and Wiring

4.1 Opening the Fixture

1. Remove the central interlock cap. Support the lens with one hand while using the 1/2" or 13mm socket wrench (P/N 81 980 05 40 0), to rotate the hexagon on the central interlock 1/2 turn counter-clockwise.
2. Swivel the lens open. Make sure it is supported as it may easily be removed from the hinges.
3. To remove the lens, rotate it open to approximately 135° and then lift the lens from the hinges.
4. Two optional safety clips can be added to avoid unintentional detach (see parts and accessories).
5. In case of feed through wiring also open the battery enclosure.

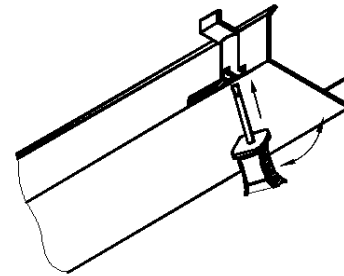


By opening the Interlock mechanism, the lamp circuit will be De-energized



4.1.1 Open the Reflector Panel

1. Open the safety latch on the reflector panel using a screwdriver. Pivot the reflector panel open.



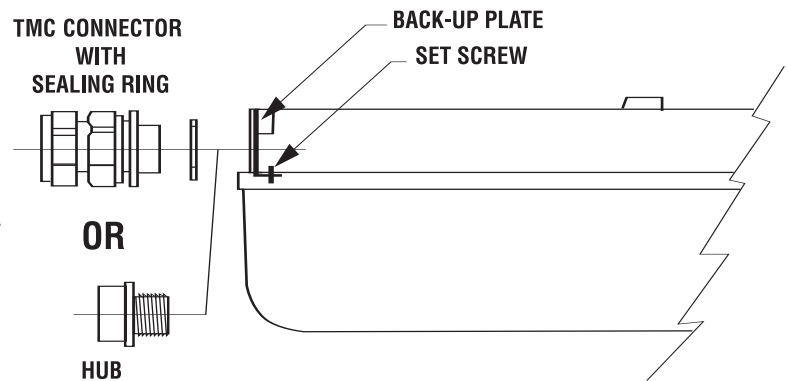
4.2 Electrical Installation

The fixture is provided with one opening for 1/2" or 3/4" fittings. The opening with a nominal diameter of 0.89" [22.5 mm] is for installation of the 1/2" cable connector TMC050 or 1/2" conduit hub HUB-1G. The opening with a nominal diameter of 1.1" [28 mm] is for installation of the 3/4" cable connector TMC075 or 3/4" conduit hub HUB-2G. Suitable cable for the TMC connectors are MC-HL or ITC-HL cable. (see parts and accessories)

In case of feed through wiring a close-up plug is installed at the second opening and needs to be exchanged with the appropriate entry hardware.

4.2.1 Fitting of entry hardware

- 1a. For cable installation:
Install the TMC cable connector through the sealing ring (P/N NCS1 (1/2") or NCS2 (3/4")) into the fixture. Refer to TMC connector instruction for sealing procedure.
 - 1b. For conduit installation:
Install conduit hub(s) 1/2" (8166/11-01-N) or 3/4" (8166/11-02-N)
2. Thread the entry hardware tightly into the back-up plate which is inside the fixture.
 3. The back-up plate includes a setscrew for securing and bonding the entry hardware. This must be tightened firmly using a screwdriver.
 4. All unused openings must be closed up with appropriate close-up plugs. (see parts and accessories)



CAUTION: Make sure the fixture is free of mechanical tension which could result in bending, breaking or twisting and would impair the Ingress Protection.



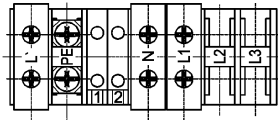
R. STAHL, INC.
 9001 Knight Road
 Houston, TX 77054
 Tel: 800-782-4357 FAX: 713-792-9301
 E-mail: sales@rstahl.com
 Website: www.rstahl.com

R. STAHL
 Schaltgeräte GmbH
 Geschäftsbereich Leuchten
 Nordstraße 10
 99427 Weimar, Germany

INSTALLATION OPERATION & MAINTENANCE SHEET

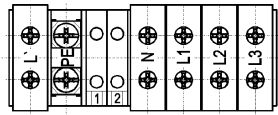
4.2.2 Wiring Power Connection

1. Insert cable through the TMC connector into the fixture and follow the instruction of the cable connector.
2. In case of conduit installation, connect the hub/conduit and pull the wires through per the NEC. (see parts and accessories)
3. In case of feed through wiring the wires have to be pulled first into the battery housing and then into the fixture.



Terminal block for 4 wire connection

L¹ = Permanent phase conductor
 L1 = Phase conductor
 N = Neutral conductor
 PE = Ground conductor (Protective Earth)
 1/2 = (See sections 5.1 and 5.1.1)

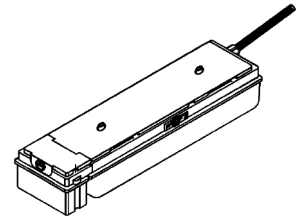
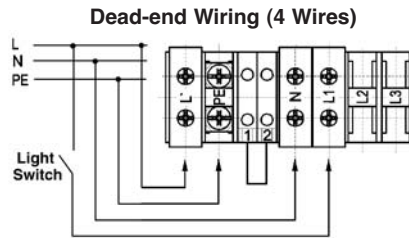


Terminal block for 6 wire connection

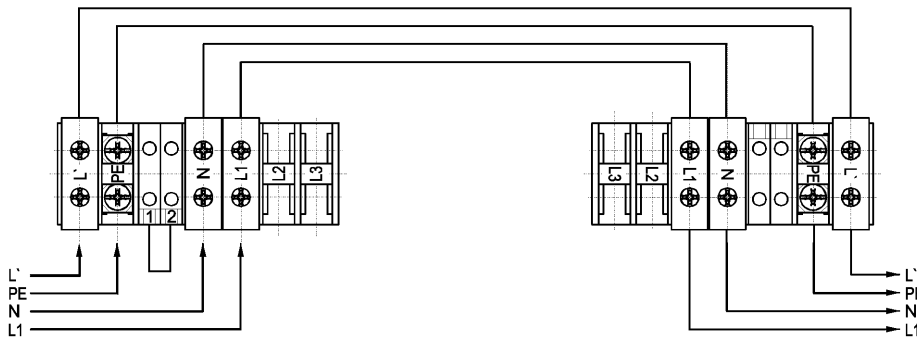
L¹ = Permanent phase conductor
 L1, L2, L3 = Phase conductor
 N = Neutral conductor
 PE = Ground conductor (Protective Earth)
 1/2 = (See sections 5.1 and 5.1.1)

Terminal capacity:
 Max. 2 stranded wires
 10 AWG (4 mm²) per terminal.

Phase L¹ is the permanent charging phase for the battery and needs to be energized permanently. L¹ and L1 need to be the same potential.

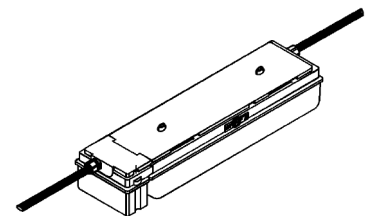
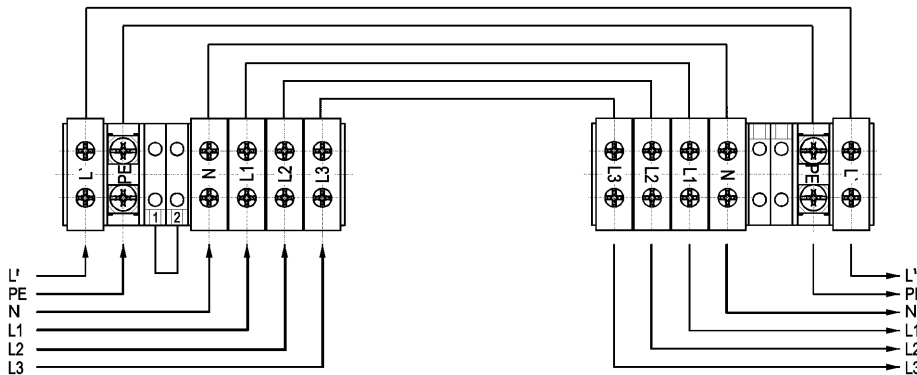


Feed Through-Wiring (4 Wires)



NOTE:
 The internal feed through-wiring between terminal blocks is rated for 16 Amps.

Feed Through-Wiring (6 Wires)



Important! After connecting the wires, ensure that:

- All wires are connected to the correct terminals (please observe the terminal designations).
- All screws on the terminal blocks are tightened (to 18 in-lbs. or 2 Nm); including unused terminals.
- All entry hardware is installed properly.
- All unused openings have been closed.



R. STAHL, INC.
 9001 Knight Road
 Houston, TX 77054
 Tel: 800-782-4357 FAX: 713-792-9301
 E-mail: sales@rstahl.com
 Website: www.rstahl.com

R. STAHL
Schaltgeräte GmbH
 Geschäftsbereich Leuchten
 Nordstraße 10
 99427 Weimar, Germany

INSTALLATION OPERATION & MAINTENANCE SHEET

5. Emergency Functions

5.1 Emergency Mode

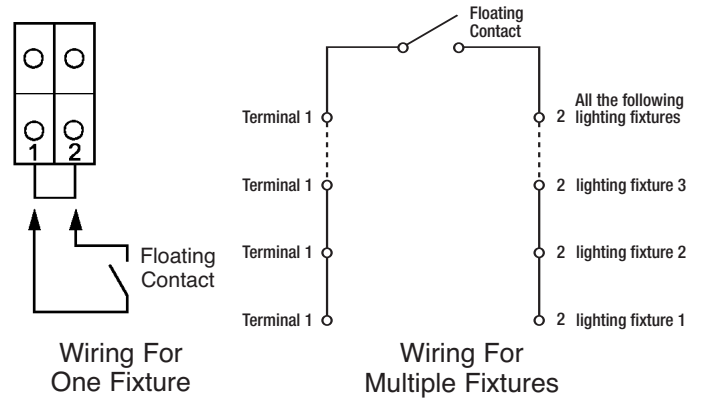
When AC power fails, the Auto-testing Emergency Ballast automatically switches to emergency mode, keeping one lamp (marked green) of the two lamps illuminated at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, the AEB returns to normal mode.

5.1.1

This operation performs with a factory installed jumper wire between terminals 1 and 2 of the terminal block. If it is necessary to switch OFF this automatic change over to Emergency Lighting, i.e. plant shut down, the jumper wire(s) needs to be removed and an external switch wired in instead according to the wiring diagram. For the wiring between the lighting fixtures use shielded wiring only in order to avoid interference from the supply wires.

5.2 Auto-testing Emergency Ballast

The AEB and the electronic ballast for the emergency lamp are combined and encapsulated into one flameproof enclosure. The second lamp is operated by a separate electronic ballast unit.



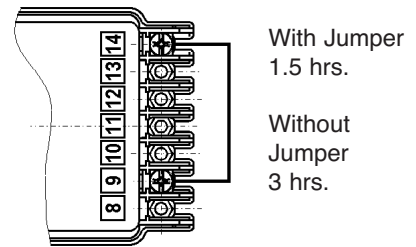
5.3 Code Requirement for Performance (Life safety code NFPA 101 1997 Excerpt)

“5-9.2.1 Emergency illumination shall be provided for a period of 1 1/2 hrs. in the event of failure of normal lighting. Emergency lighting facilities shall be arranged to provide initial illumination that is at least an average of 1 ft.-candle (10 lux) and a minimum at any point of 0.1 ft.-candle (1 lux) measured along the path of egress at floor level. Illumination levels shall be permitted to decline to 0.6 ft.-candle (6 lux) average and a minimum at any point of 0.06 ft.-candle (0.6 lux) at the end of the emergency lighting time duration. A maximum-to-minimum illumination uniformity ratio of 40 to 1 shall not be exceeded.”

5.3.1 Performance of System

The fixture is factory set for 1 1/2 hrs. emergency lighting time duration. If 3 hrs. setting is preferred the jumper wire between terminals 9 and 14 needs to be removed. The initial emergency light output for both settings is shown in the table below.

Emergency Lighting Time Duration	Wire Jumpers between Terminals	Initial Emergency Light Output	
		1 x 17 W	1 x 32 W
1.5 hrs.	9 and 14	900 Lumens	1000 Lumens
3 hrs.	No Jumper	450 Lumens	650 Lumens



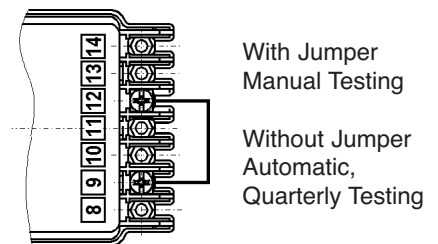
5.4 Periodic Auto Testing and Code Compliance

(Life safety code NFPA 101 1997 Excerpt)

“5-9.3 Periodic Testing of Lighting Equipment. A functional test shall be conducted on every required battery-powered emergency lighting system at 30 day intervals for a minimum of 30 sec. An annual test shall be conducted for a 1 1/2 hrs. duration. Equipment shall be fully operational for the duration of the test. Written records of visual inspections and tests shall be kept by the owner for inspection by the authority having jurisdiction.

Exception: Self-testing/Self-diagnostic, battery operated emergency lighting equipment that automatically performs a minimum 30-sec. test and diagnostic routine at least once every 30 days and indicates failures by a status indicator shall be exempt from the 30-day functional test, provided a visual inspection is performed at 30-day intervals.”

The EXLUX 6008 fixture exceeds the code requirements and performs automatically the functional test weekly. The discharge testing is factory set for manual testing. If automatic testing is preferred the jumper wire between terminals 9 and 12 needs to be removed. This test only works at ambient temperatures above the freezing point. If the emergency system functions properly, the fixture will return to normal mode. Should it detect any problems, the LED's will indicate them. (See section 5.6)





R. STAHL, INC.

9001 Knight Road
Houston, TX 77054
Tel: 800-782-4357 FAX: 713-792-9301
E-mail: sales@rstahl.com
Website: www.rstahl.com

**R. STAHL
Schaltgeräte GmbH**

Geschäftsbereich Leuchten
Nordstraße 10
99427 Weimar, Germany

**INSTALLATION OPERATION
& MAINTENANCE SHEET**

5.5 System Clock (clock reset)

The internal system clock starts running when the battery plug is inserted, the fixture is energized and closed up. In order to re-set it or change the timing of the discharge test, perform the following steps:

1. De-energize the light circuit by opening the central interlock mechanism.
2. Open the battery enclosure and pull the battery plug.
3. Close and energize the fixture (follow section 7.3).
4. Wait at least 25 sec. then insert the battery plug.
5. Close the battery enclosure.

NOTE:

If the red LED is blinking, the above 5 steps must be repeated immediately.

5.6 Status Indications

All functions and test results are indicated by one Green and one Red LED.

LED Display	Display Description
Green LED permanently ON	☺ Everything OK
Green LED 1 :1 blinking	🕒 Quarterly, Automatic Emergency Lighting Time Duration Test
Green LED 1 :10 flashing	🕒 Weekly, Automatic Function Test
Red LED permanently ON	⌚ Emergency Lighting Time Operation Test. Battery holds $\leq 2/3$ of the battery charge needed for the set E light duration. Conclusion: Battery replacement needed
Red LED 1 :1 blinking	☹ Battery Empty – not in working condition
Red LED 1 :10 flashing	☹ Battery Defective (presumed cell polarity reversed)
Red and Green LEDs both ON for about 4 seconds	✳ CLOCK-RESET acknowledgement
Red and Green LED OFF	✳ Both LEDs go out in sequence. CLOCK-RESET acknowledgment complete. This function is only possible during the first five minutes after restart.

5.7 Battery Charge

5.7.1 First Charge

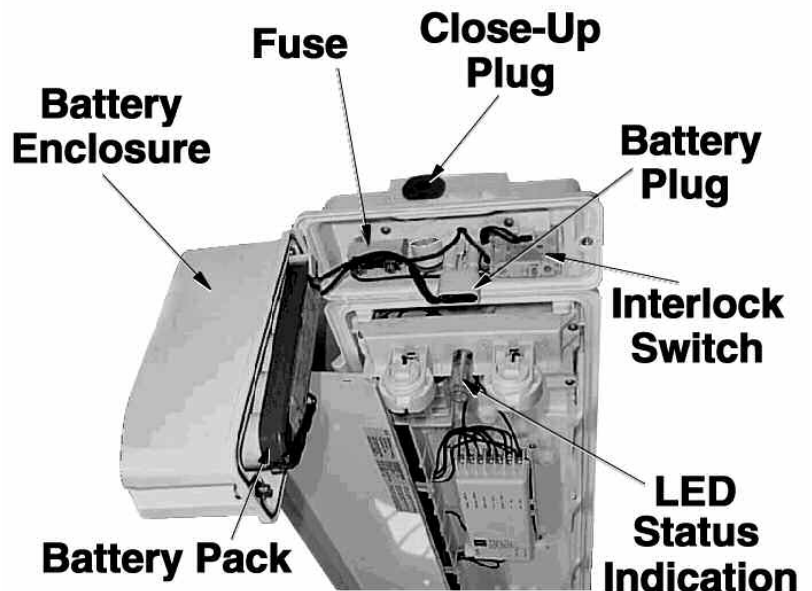
The battery has been factory tested, charged and discharged (see attached test report).

The battery comes uncharged and needs to be charged three times ≤ 16 hrs. and then after each time the emergency light should be operated on battery according to the set emergency operating time (1.5 hrs. or 3 hrs.).

This manual procedure is recommended to extend the life time of the battery. Before charging, insert the battery plug which is pulled during transportation.

5.7.2 Charge

The gas tight NiCd battery is automatically charged at a constant current and then switched over to maintenance charging with reduced current for ≤ 16 hrs. then again, switched back to constant current charging for about one hour, which is followed by the maintenance charging. This sequence is automatically repeated periodically. The automatic charging operation is controlled by a temperature sensor, a limited voltage charge and an undercharge protection.





R. STAHL, INC.

9001 Knight Road
Houston, TX 77054
Tel: 800-782-4357 FAX: 713-792-9301
E-mail: sales@rstahl.com
Website: www.rstahl.com

**R. STAHL
Schaltgeräte GmbH**

Geschäftsbereich Leuchten
Nordstraße 10
99427 Weimar, Germany

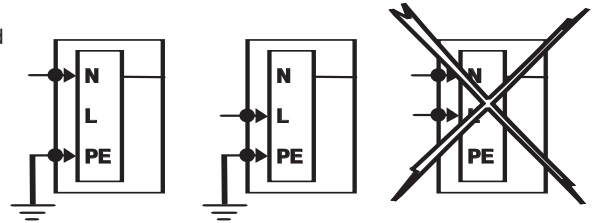
INSTALLATION OPERATION & MAINTENANCE SHEET

6. Lighting Circuit Insulation Test

Before performing this test, make sure the fixture is de-energized at the breaker and disconnected from the supply wires.

A DC insulation test of the circuit can be performed with $\leq 1000V$ DC and 1mA current between the Neutral/line and the Ground.

Testing between Lines and Neutral is not permitted. When performing this test the lens needs to be open.



CAUTION:

Before energizing the circuit, ensure all wires are reconnected properly.

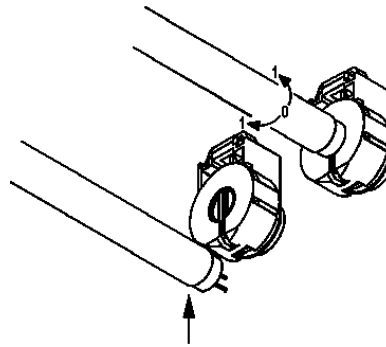
7. Closing the Fixture

7.1 Closing the reflector Panel

Rotate the reflector panel and engage the safety latch.

7.2 Lamp Installation

Refer to the fixture nameplate to determine the lamp type. Insert both lamp sockets into the respective slots of the lampholder into the middle of the socket and up to the stop. Turn the lamp left or right until a notch position is felt.

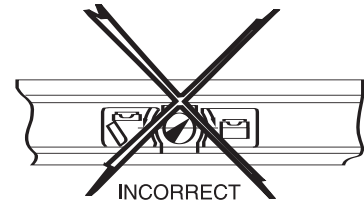
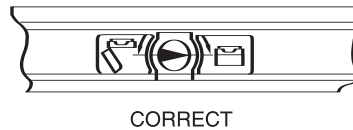
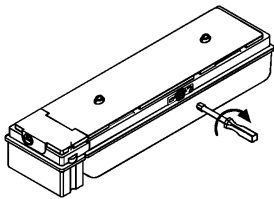


7.3 Closing the Fixture Lens

Before closing the lens, ensure that:

- All hinges engage correctly in the enclosure.
- The lens, gasket, and mating surface on the enclosure are clean and undamaged.

Rotate the lens closed and turn the interlock mechanism with the 1/2" or 13mm socket wrench (P/N 81 980 05 40 0) clockwise until the arrowhead on the hexagon points to the "closed" marking. Only then is the lens tight and the interlock switch in the closed position.



7.4 Closing the Battery Enclosure

Insert the battery plug and close the cover using a screwdriver.

8. Start up

Before applying power to the fixture ensure that:

- it is installed according to the NEC
- the wiring has been done correctly
- unused entry openings are closed up
- the fixture is not damaged
- the lamps are properly inserted
- the interlock mechanism is entirely closed so that the interlock switches are in the closed position
- the battery plug is inserted
- the battery enclosure is closed

9. Maintenance & Repairs

9.1 Cleaning the Light Fixture

Use only a damp cloth to clean the light fixture. A solvent-free household detergent can be added to the cleaning water.

9.2 Extended Power Interruption

If the supply voltage is OFF longer than 7 days, recharging of the battery may not occur when power is restored. To avoid this problem, simply disconnect the battery plug when power is expected to be OFF for longer periods. If this should happen, go through several CLOCK RESET procedures (see section 5.5) to get charging started again or replace the battery.

9.3 Lamp Replacement

1. In order to minimize the production of high temperatures at the lamp electrode that are transferred to the end cap, fluorescent lamps need to be replaced prior to reaching "end of life". The approach of the "end of life" condition is usually indicated by heavy blackening of the end of the lamps, a failure to light, or flickering of the light output. The high temperature occurs because the electronic ballast supplies a constant current, the voltage across the lamp increases with age, and the resulting power dissipation in the lamp electrode increases the electrode temperature as the lamp ages.



R. STAHL, INC.

9001 Knight Road
Houston, TX 77054
Tel: 800-782-4357 FAX: 713-792-9301
E-mail: sales@rstahl.com
Website: www.rstahl.com

R. STAHL Schaltgeräte GmbH

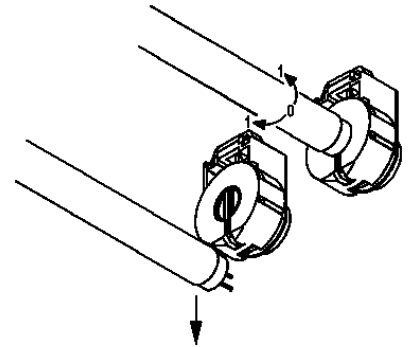
Geschäftsbereich Leuchten
Nordstraße 10
99427 Weimar, Germany

INSTALLATION OPERATION & MAINTENANCE SHEET

For luminaires operated continuously, the lamps should be replaced after approximately 24,000 hours of operation.

For luminaires that are switched ON and OFF several times daily, the lamps should be replaced after approximately 12,000 hours of operation. To protect the lighting fixture from overheating two small fuses are installed. If one or both of these fuses are blown it is a clear indication that the lamps have reached the end of life and need to be replaced and also the fuse(s). For replacement fuses see Section 10, Parts and Accessories.

2. Follow the instruction in section 4.1 points 1 and 2 to open the fixture.
3. Gently twist to release the lamp and remove it.
4. Follow the instructions in sections 7.2 and 7.3.



9.4 Battery Replacement

1. Open battery enclosure.
 2. Pull the battery plug.
 3. Replace the old battery with an original battery (see section 10).
 4. Insert the battery plug and close the cover.
- (See Section 10 - Parts and Accessories - other batteries would invalidate the certification)

9.5 Battery Disposal

Used batteries must be disposed of in accordance with local environmental requirements.

9.6 Troubleshooting

- Is the fixture receiving power?
- Are the interlock switches in good condition?
- Is the interlock mechanism entirely closed so that the interlock switches are in the closed position?
- Is the correct lamp securely installed and in good condition?
- Are all the wires correctly terminated?
- Is the ballast unit in good condition?
- Are the lamps and fuse in good condition?

Emergency back-up system

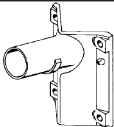
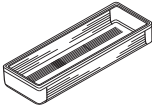
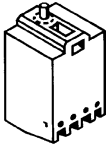
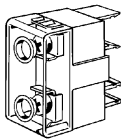
(First see section 5.6 for status indication)

- Is L¹ and L1 the same potential?
- Is the second interlock switch in good condition?
- Is the battery plug inserted?
- Is the battery pack in good condition?
- Is the miniature fuse in good condition?
- Is the light switch you may have installed in the ON position? (see section 5.1)
- Was the power OFF for longer periods. (see section 9.2)

10. Parts and Accessories



Use only the following original spare parts and accessories, any others would invalidate the certification and warranty.

Description	Type		Part Number
Cast wall and corner mounting bracket for stanchion mounting	 S0613P	for 1 1/2" EMT conduit to mount the fixture to this bracket (to be used with pipe clamps PN 60 008 01 26 0)	461 717 0
Lens	 S0482P	for light fixture 2' 17W 4' 32W	60 000 33 05 0 60 000 34 05 0
Interlock switch 8080/1-3-L 20e	 S0799P	Switch block 2 NC	80 800 06 60 0
Fuse	 S0884P	to protect battery circuit 6.3 Amps to protect ballasts 1.0 Amp	85 600 19 01 0 85 600 15 01 0



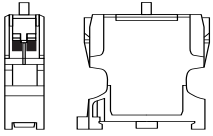
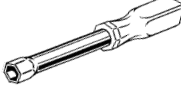
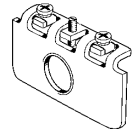
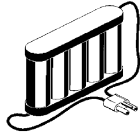
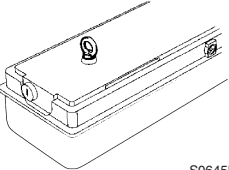
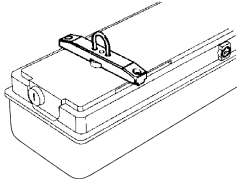
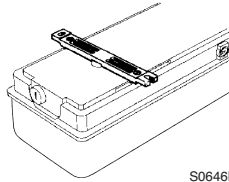
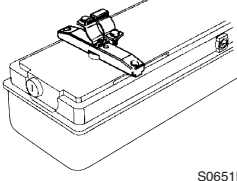
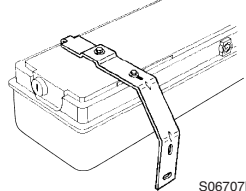
R. STAHL, INC.

9001 Knight Road
Houston, TX 77054
Tel: 800-782-4357 FAX: 713-792-9301
E-mail: sales@rstahl.com
Website: www.rstahl.com

**R. STAHL
Schaltgeräte GmbH**

Geschäftsbereich Leuchten
Nordstraße 10
99427 Weimar, Germany

**INSTALLATION OPERATION
& MAINTENANCE SHEET**

<p>Interlock switch 8082/1-2</p>	 <p>M 1315K</p>	<p>Interlock switch 1 NO for battery enclosure</p>	<p>80 820 02 01 0</p>
<p>Socket wrench 1/2" (13mm)</p>	 <p>SZ03</p>	<p>to operate the central interlock mechanism</p>	<p>81 980 05 40 0</p>
<p>Entry back-up plate</p>		<p>stainless steel back-up plate with set screw and grounding provisions entry threads: 1 x NPT 1/2" 1 x NPT 3/4"</p>	<p>60 008 17 55 0 60 008 18 55 0</p>
<p>Battery Pack</p>		<p>Battery capacity 7Ah</p>	<p>60 448 01 74 0</p>
<p>Eye bolts</p>	 <p>S0645P</p>	<p>1 pair can directly be screwed into the fixture</p>	<p>60 008 03 90 0</p>
<p>Mounting brackets with Suspension lugs</p>		<p>1 pair of adjustable mounting brackets with suspension lugs</p>	<p>60 008 07 75 0</p>
<p>Ceiling brackets</p>	 <p>S0646P</p>	<p>1 pair of adjustable ceiling mounting brackets</p>	<p>60 008 03 75 0</p>
<p>Pipe clamps with mounting brackets</p>	 <p>S0651P</p>	<p>1 pair of stainless steel pipe clamps with adjustable mounting brackets for EMT 1 1/4" conduit EMT 1 1/2" conduit EMT 2" conduit</p>	<p>60 008 03 26 0 60 008 01 26 0 60 008 02 26 0</p>
<p>Wall-mounting bracket 90°</p>	 <p>S06707P</p>	<p>1 pair of 90° stainless steel wall-mounting brackets</p>	<p>60 008 02 44 0</p>



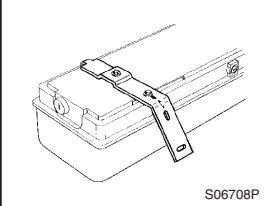
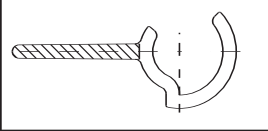
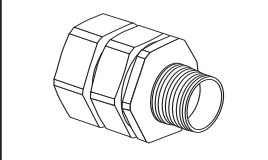
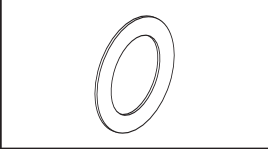
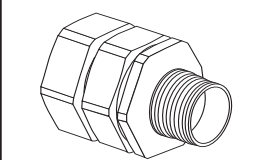
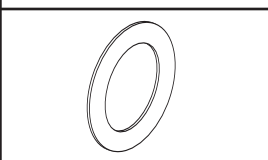
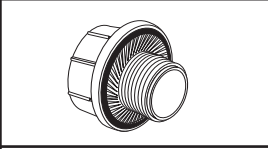
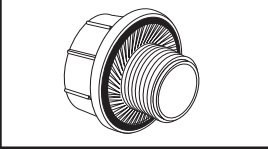
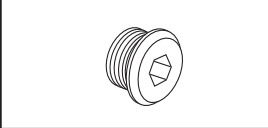
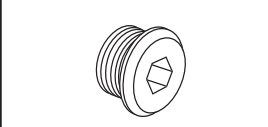
R. STAHL, INC.

9001 Knight Road
Houston, TX 77054
Tel: 800-782-4357 FAX: 713-792-9301
E-mail: sales@rstahl.com
Website: www.rstahl.com

R. STAHL
Schaltgeräte GmbH

Geschäftsbereich Leuchten
Nordstraße 10
99427 Weimar, Germany

**INSTALLATION OPERATION
& MAINTENANCE SHEET**

Wall-mounting bracket 50°		1 pair of 50° stainless steel wall-mounting brackets	60 008 01 44 0
Safety clips		10 pcs. in one bag to avoid unintentional detachment of the lens from the fixture	60 008 02 94 0
Cable fitting 1/2" NPT		for MC-HL or ITC-HL cable	TMC 050
Sealing ring 1/2" NPT		for above TMC 050	NCS 1
Cable fitting 3/4" NPT		for MC-HL or ITC-HL cable	TMC 075
Sealing ring 3/4"		For above TMC 075	NCS 2
Conduit Hub 1/2" NPT		PVC coated conduit hub 1/2" NPT with sealing ring	8166/11-01-N
Conduit Hub 3/4" NPT		PVC coated conduit hub 3/4" NPT with sealing ring	8166/11-02-N
Close-up plug 1/2" NPT		Polymeric close-up plug 1/2" NPT	PD-E-0-29-00
Close-up plug 3/4" NPT		Polymeric close-up plug 3/4" NPT	PD-E-0-30-00



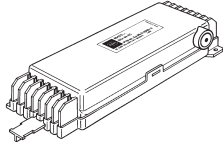
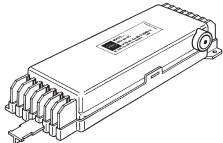
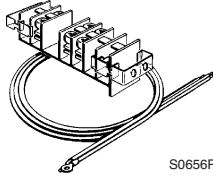
R. STAHL, INC.

9001 Knight Road
Houston, TX 77054
Tel: 800-782-4357 FAX: 713-792-9301
E-mail: sales@rstahl.com
Website: www.rstahl.com

R. STAHL
Schaltgeräte GmbH

Geschäftsbereich Leuchten
Nordstraße 10
99427 Weimar, Germany

**INSTALLATION OPERATION
& MAINTENANCE SHEET**

<p>Electronic Ballast Unit for use with fixtures EXLUX 6008</p>		<p>1x 17W 2x 17W 1x 32/40W 2x 32W 2x 40W</p>	<p>60 420 65 01 0 60 420 53 01 0 60 420 66 01 0 60 420 54 01 0 60 420 55 01 0</p>
<p>Auto Testing Emergency Ballast for use with Emergency Lighting Fixtures EXLUX 6008</p>			<p>60 430 18 74 0</p>
<p>Retrofit kit for 6 wire feed through wiring</p>	 <p style="text-align: right; font-size: small;">S0656P</p>	<p>to retrofit dead-end fixture amperage rating 16 Amp max. L¹ L1+L2+L3+N+PE 4' 32W</p>	<p>60 088 04 87 0</p>

Note: The nature of these instructions is only informative and does not cover all of the details, variations or combinations in which this equipment may be used, its storage, delivery, installation, safe operation and maintenance. Since conditions of use of the product are outside of the care, custody and control of the manufacturer, the purchaser should determine the suitability of the product for his intended use, and assumes all risk and liability whatsoever in connection therewith.