

# Luminaire Quick Installation Guide

## MULTILUX X2

This brief guide will take you through the installation of your new Multilux X2 luminaire.

If needed, contact your local Lyngsaa distributor for further information, or call us directly.

### Required tools

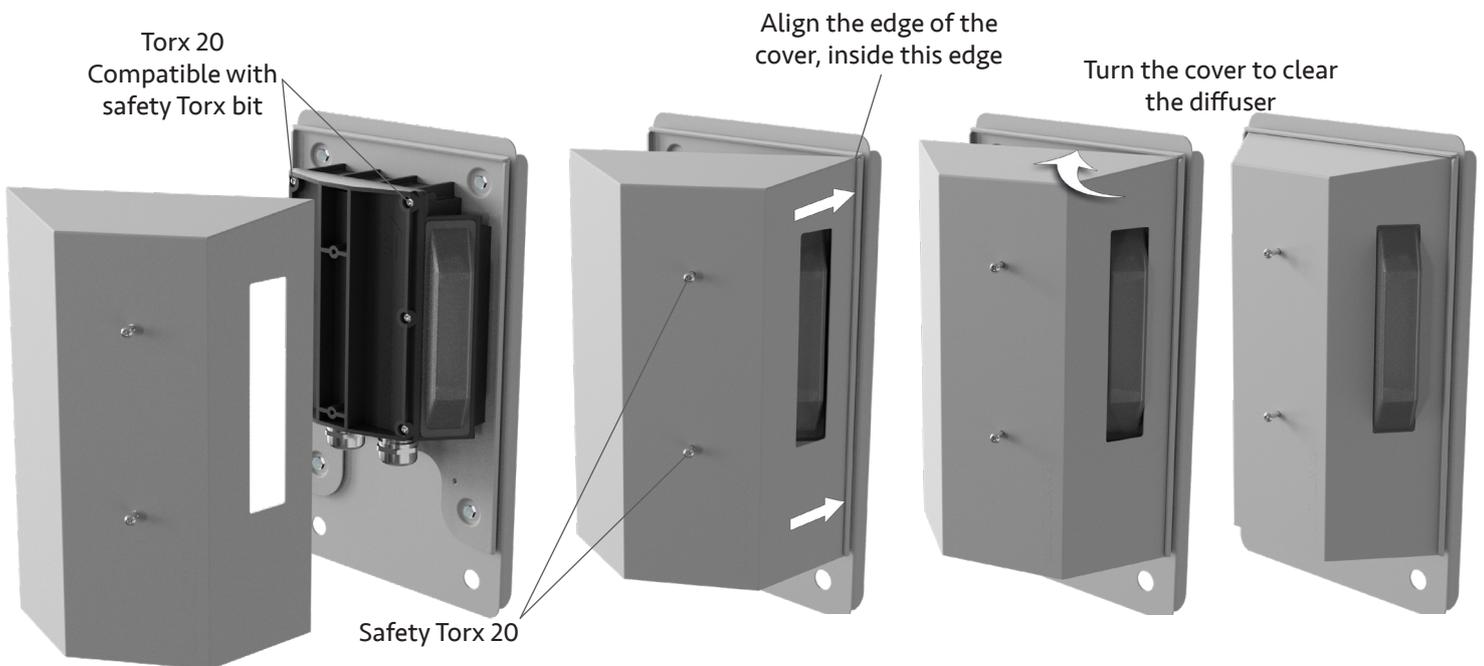
- Security Torx 20
- Electrician's screwdriver
- Wire stripper

The MULTILUX X2 luminaire is only to be opened or dismantled by Lyngsaa A/S. However the Power connections and installation described in this guide, without the latter requirement being exceeded, is acceptable.

## 1. Installation

Installing the luminaire is easily done by following these steps. Start by removing the 2 safety torx screws on the front cover (Take care not to lose the 2 nylon washers).

When installing the luminaire onto the installation surface make sure to use appropriate installation hardware for the surface material.



When removing and replacing the front cover, make sure to align the edge of the cover inside the edge of the base. Then gently turn the cover to the side to clear the diffuser.

## 2. Electrical installation



**DANGER!** Electric shock risk 48VDC!  
Make sure to disconnect the power, before carrying out any connection.



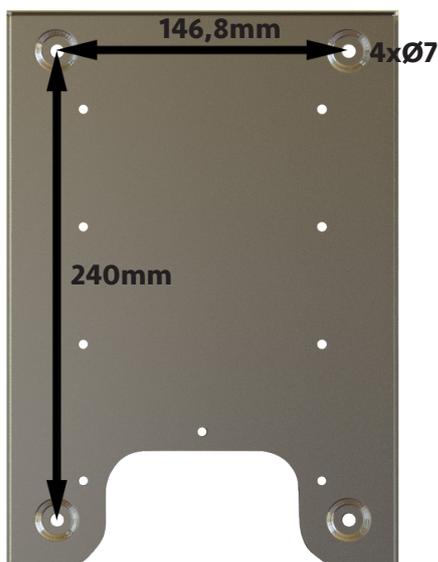
**CAUTION!**  
Make sure the power connection is done in a professional and legal manner.

Power connection is done by removing the cover of the lamp, and inserting the cables ( $\varnothing 10 - 14\text{mm}$ ) from the bottom into the 2 cable glands. If only one cable gland is used replace the other with a fitting M25x1,5 blind plug.

The terminal block is marked with Ground, + and -. Max cable size is  $4\text{mm}^2$ . Insert the cable into the terminal block and tighten the screws. Replace the cover.



## 3. Drill Measurements



Optional Bracket: **102557**



## 4. Maintenance

When cleaning the luminaire, use a damp cloth and wipe off the surface of the lamp. If needed use a mild degreaser sprayed onto the cloth, for extra resistant dirt.

Initial cleaning of the outside of the glass may be required to ensure optimum optical efficiency. Clean front glass with a mild soap and water solution rinse clean and wipe dry.

For regular cleaning, wipe off the front glass with a mild soap and water solution, rinse clean and wipe dry.

Perform visual, electrical, and mechanical inspections on a regular basis. This should be determined by the environment and frequency of use. However, it is recommended that checks are made at least once a year.

The glass should be cleaned periodically to ensure continued lighting performance. To clean, wipe the glass with a clean, damp, soft cloth. If this is not sufficient, use a mild soap or a liquid cleaner. DO NOT use an abrasive, strong alkaline or acid cleaner.

- Visually check for undue heating evidenced by discoloration of wires or other components, damaged parts, or leakage evidenced by water (light condensation is allowed) or corrosion. Replace Fixture if needed and contact us for further information.
- Electrically check to make sure that all connections are clean and tight.
- Mechanically check that all parts are properly assembled.

## 5. Troubleshooting

### **No light:**

Make sure that power is connected and turned on. Verify polarity and measure voltage.

Verify that fuse is not blown, if it is the lamp has drawn over 2A it is defective, this require replacement of the lamp.

Verity that the rectifier diode is working.

### **Dim light:**

Check that the glass is clean and moisture free.  
Check diodes for discoloration.  
Check power connection and measure voltage.

### **Lose brackets:**

Tighten lose screws, apply new tread locker if needed.

**NOW AND THEN WE  
HEAR THE WORD  
"IMPOSSIBLE"**

**NOW AND THEN WE CAST  
A NEW LIGHT ON THAT  
WORD**

**LYNGSAA®**

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