



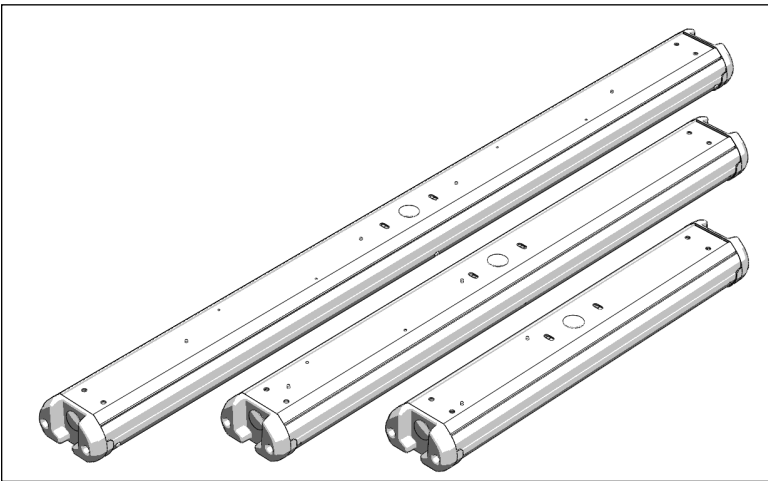
## Installation & Maintenance Guide

# SLD-LN-XXXX Linear LED Luminaire

### IMPORTANT SAFETY INSTRUCTIONS *Mesures de Sécurité à Respecter*

This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

*Ce produit doit être installé selon le code d'installation pertinent, par une personne qui connaît bien le produit et son fonctionnement ainsi que les risques inhérents.*



### **Surface/Pendant LED Luminaire—Certified to Canada/US Standards** **CSA C22.2 No. 250.0** **UL1598, 3rd Edition**

**Suitable for Dry and Damp Locations.** *Convient aux emplacements humides.*

**Pendant Mount this luminaire using only the mounting hardware supplied by the manufacturer or similar.** *Installer ce luminaire comme lustre en utilisant seulement la quincaillerie fournie par le manufacturier ou une quincaillerie similaire.*

**Min 90°C supply conductors.** *Les fils d'alimentation doivent convenir pour 90°C.*

**Caution—risk of shock.** *Attention—risque de choc.*

**Dismount luminaire for maintenance.** *Démonter luminaire pour l'entretien.*

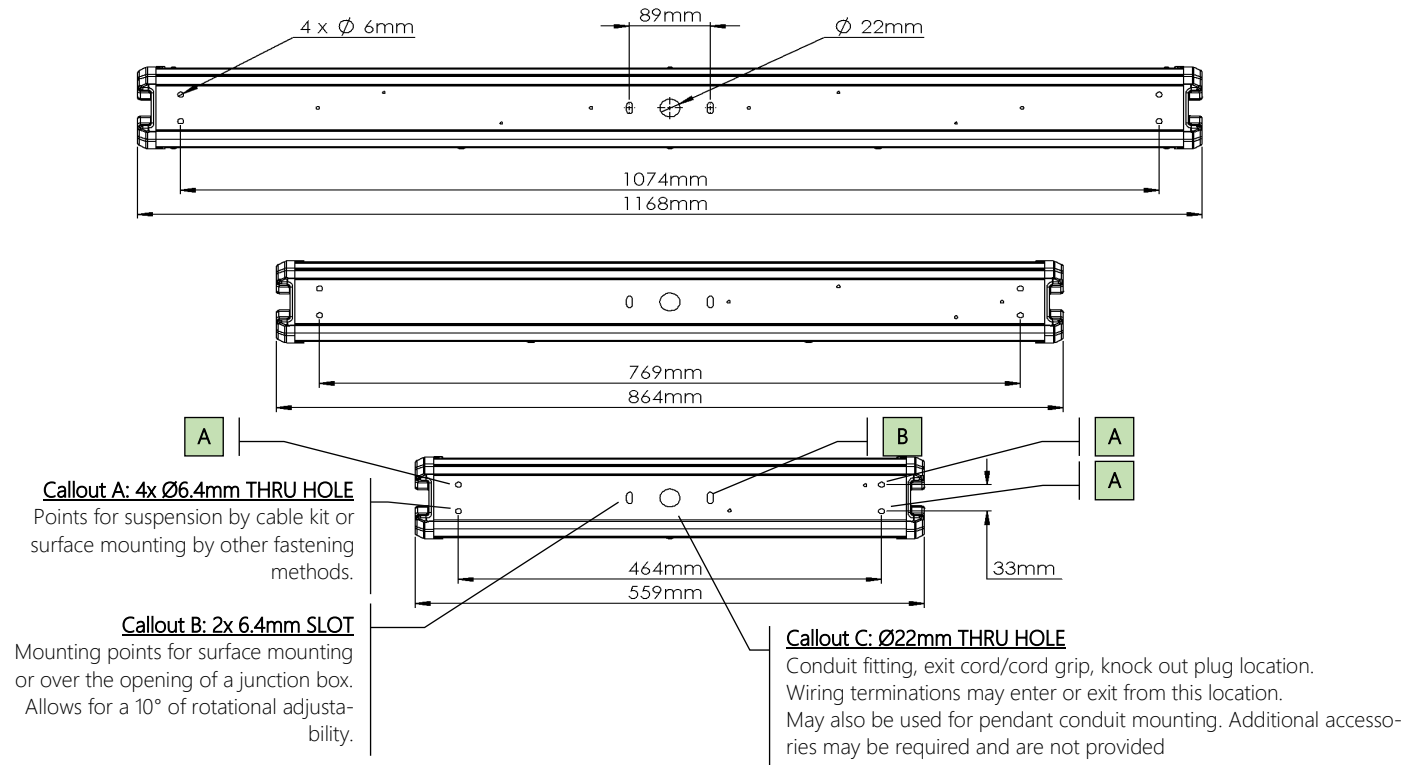
**Not for use in dwellings.** *Ne pas utiliser dans les logements.*

**Always keep protective plastic plug-barrier in place.** *Jamais ne pas enlever protecteur-bouchon en plastique.*

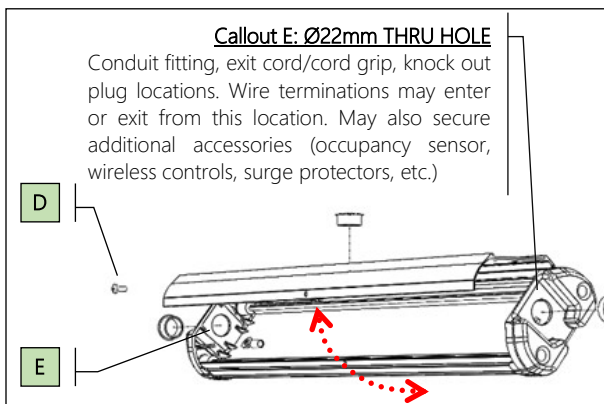
**Always keep protective metal plate and screws in place, remove only when necessary.** *Jamais ne pas enlever protecteur-plaque métallique et vis, ne retirer que si nécessaire.*

# SLD-LN-XXXX, INSTALLATION

## Basic Dimensions and Hole Pattern Locations



## Wiring Instructions



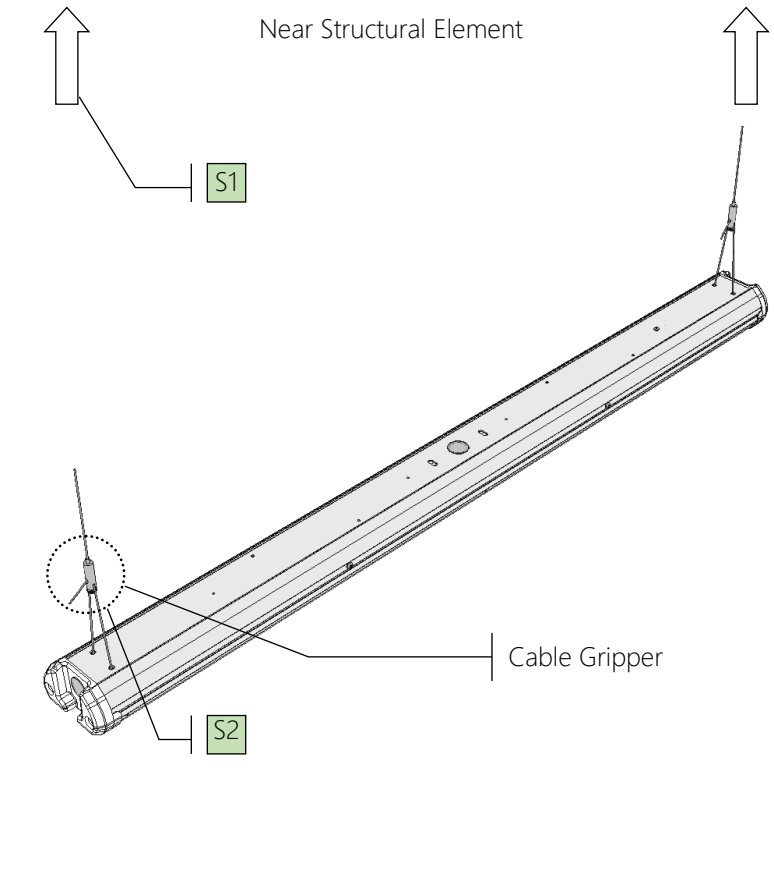
Wiring from LED Engine to LED Driver		LED V+ Output from LED Driver (Black)
		LED V- Output from LED Driver (Red)
Wiring from LED Fixture to AC Supply, or LED Driver Terminal Block Colouring		AC/Line 100/277/347V Supply Connection (Black)
		AC/Neutral Connection (White)
		Earth Ground Connection (Green)
Wiring for 0-10V Dimming		Dim + Connection (Violet, or as Labeled)
		Dim - Connection (Grey, or as Labeled)

## Other Notes:

1. Fixture may be configured for 120-277 Vac, 120-347 Vac, or 347 Vac only; at 50/60Hz. Please confirm the rating of the fixture and your application before beginning installation. Always disconnect power from the main AC supply before doing any electrical work on the light fixture.
2. It is recommended that minimum 18 AWG cables be used for all supply connections, including earth ground terminations. Please refer to the local electrical code for the requirements of the application.
3. Fixture features a swinging LED-optic assembly to access internal electrical parts/connections. Be aware of potential hazards when opening the fixture. Enclosure must be closed and secured by the provided fasteners (1-2 x #8 screws, see Callout D) to complete the installation or servicing of the fixture.
4. When closing the fixture, ensure that any wiring is not caught in any joints.
5. Metal knock out plugs must be secured into unused Ø22mm fixture openings. By default, only two metal knock out plugs will be provided and installed at the endcap locations (see Callout E).
6. Wiring may terminate within the enclosure or remotely at a junction box through a optionally provided whip. Refer to the local electrical code for the requirements of the application.
7. Ensure the enclosure is properly grounded to earth ground.
8. Be aware of other potential hazards when installing or servicing.

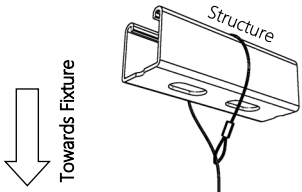
# SLD-LN-XXXX, INSTALLATION

## Suspension Kit Installation Only (Order code: SLD-LN-XXXX-XXX-XXX-XX-XXX-SP)

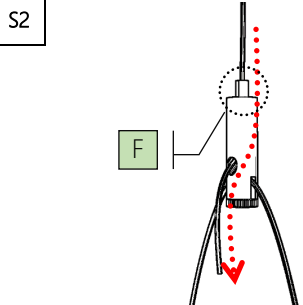


**S1**

Install around the appropriate structural element.



**S2**



Supplied Hardware:

- Cable to wrap around structure
- Cable Gripper, pre-assembled to luminaire

**Step 1 (S1):** Wrap the cable over the structure. This cable will have a free-end and a looped end. Once wrapped around the structure, feed the free-end through the looped end and take the free-end to the Cable Gripper.

**Step 2 (S2):** Smoothly slide the cable through the top of the Cable Gripper. The Cable Gripper allows the suspension cable to move in one direction only. Make sure the cable is fed through the Cable Gripper in the correct direction.

To remove or adjust the cable in opposite direction, depress and hold down the button at the top of Gripper (see Callout F). When the adjustment procedure is complete, please verify that the top of the Gripper returns to its normal raised and secure position.

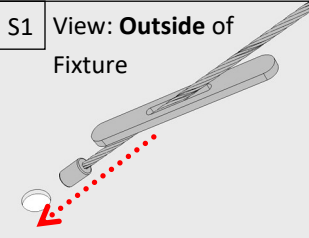
Tie up and secure the excess cable, where applicable.

Part of the suspension kit is assembled into the light fixture. However, if for some reason the suspension kit is not completely assembled into the fixture, follow the following procedure to reattach the cable into the luminaire.

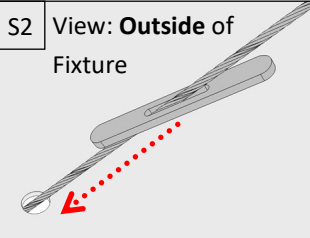
Please, do not disassemble the cable gripper. Critical sub-components may dislodge from their normal position and may cause the cable gripper to be faulty.

## Suspension Kit Paddle Re-attachment

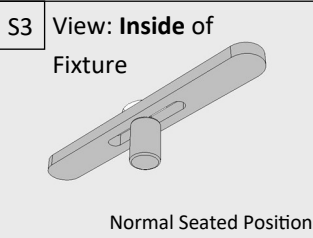
**S1** View: **Outside of Fixture**



**S2** View: **Outside of Fixture**



**S3** View: **Inside of Fixture**



Normal Seated Position

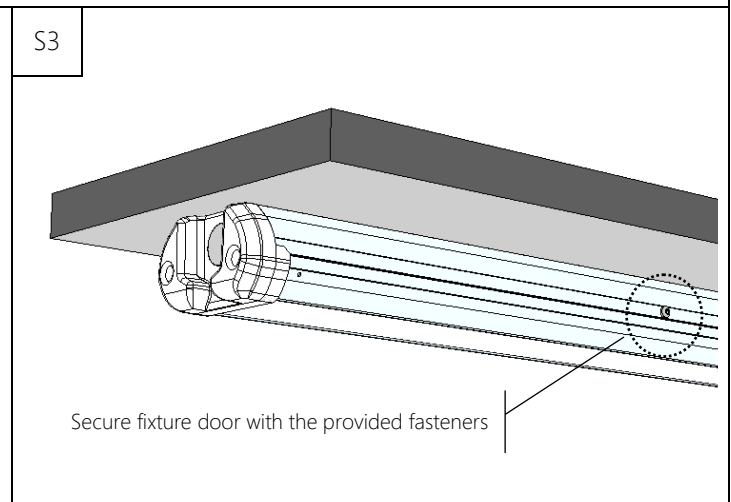
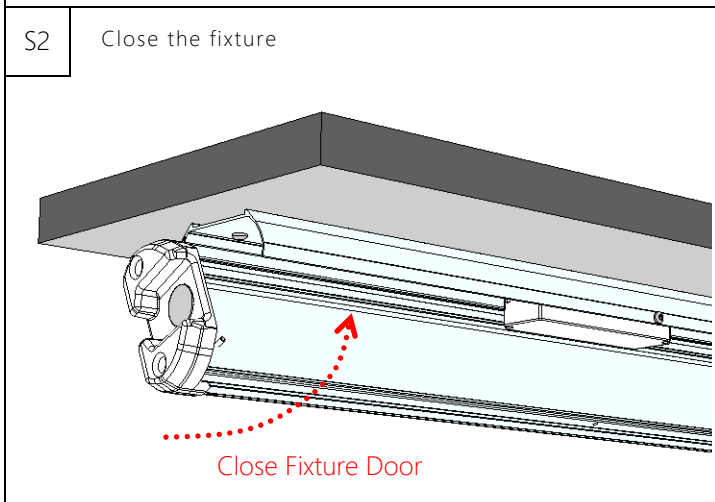
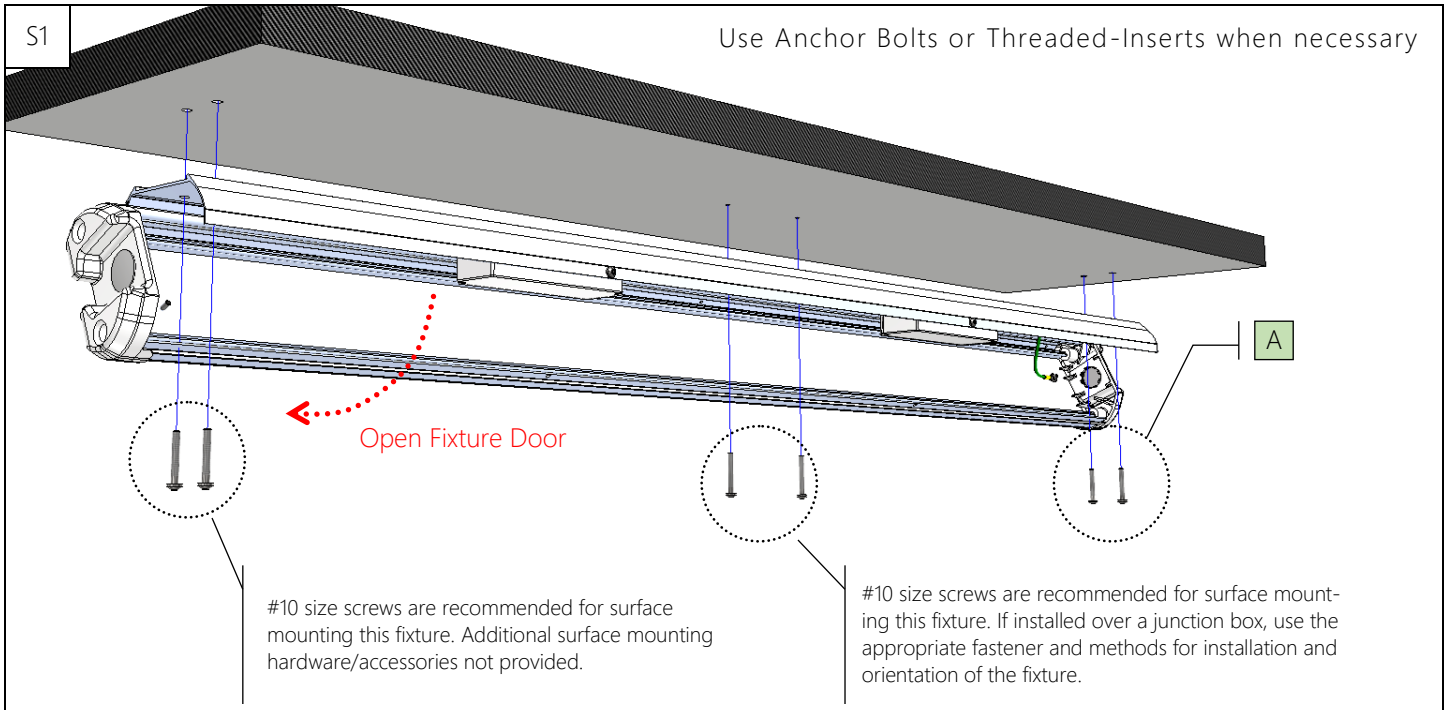
**Step 1 (S1).** Align the paddle with the cable to allow the cable bead, cable length, and paddle to pass through a  $\varnothing 6.4$ mm hole.

**Step 2 (S2).** Feed the cable bead, cable length, and cable paddle through the hole.

**Step 3 (S3).** Reorient the paddle such that the paddle is flat against the inside surface of the fixture. The cable will not pull out of the fixture in such an orientation and can withstand a substantial load. This is the final and correct orientation of the cable kit paddles in the fixture, Ensure that these paddles are oriented properly in the final installation of the lighting fixture by doing a quick visual inspection of the cable where it enters the fixture.

# SLD-LN-XXXX, INSTALLATION

Surface Mounting Installation Only (Order code: SLD-LN-XXXX-XXX-XXX-XX-XXX-SF)



## Other Notes:

1. Surface mounted installation should take care to ensure that no wires were damaged during the bolting and fastening of the fixture onto a surface.
2. Ensure that during the closing of the fixture door, wiring is not caught in any joints or seams.