



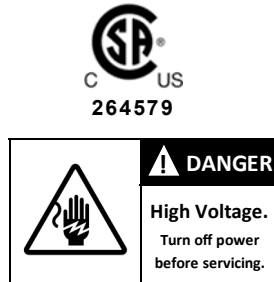
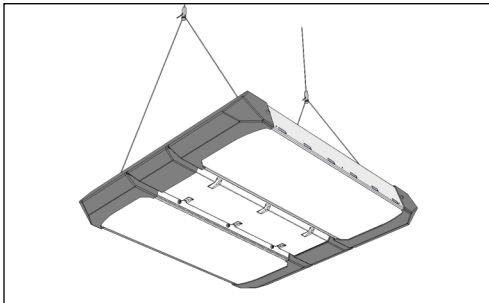
Installation & Maintenance Manual

SLD-HB-FXXX Flat High Bay 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.



Brief Introduction

Flat High Bay LED luminaire to be installed via Suspension, Surface, or Pendant Stem.

Surface/Pendant LED Luminaire—Certified to Canada/US Standards

CSA C22.2 No. 250.0

UL1598, 3rd Edition

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

Always keep protective grill in place. *En tout temps, ne pas enlever l'écran protecteur.*

Install photocontrol or shorting plug. *Installer une cellule photoélectrique ou une prise court-circuitant.*

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

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

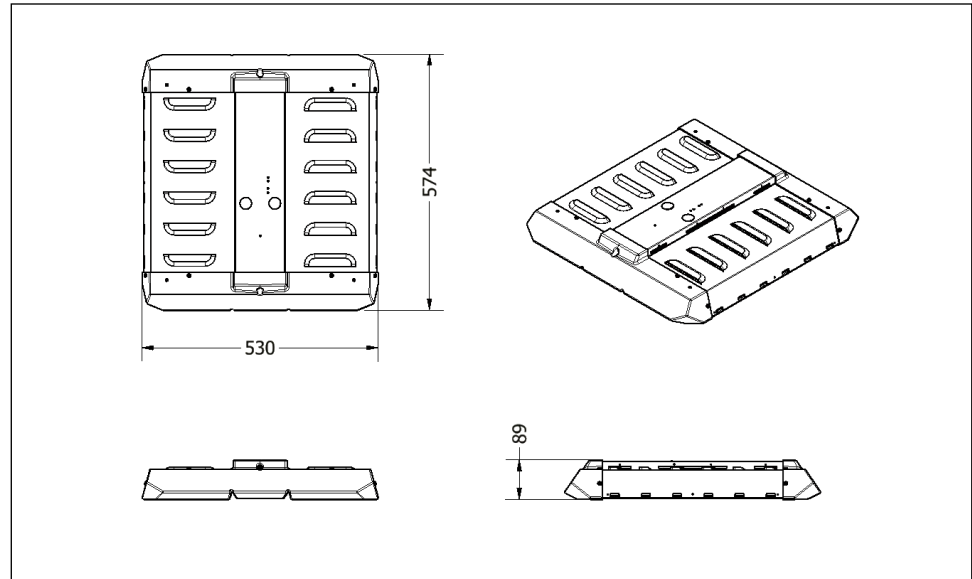
Caution—risk of shock. *Attention—risque de choc.*

Caution—risk of fire. *Attention—risqué d'incendie.*

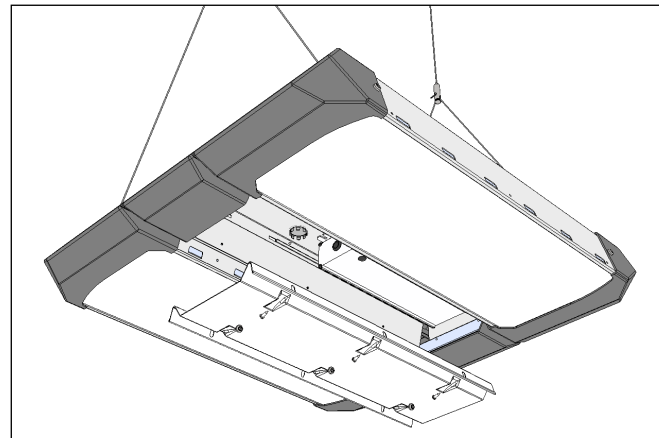
Dismount luminaire for maintenance. *Démonter luminaire pour l'entretien.*

Twist-on wire connectors are not re-usable. Replace only with un-used weatherproof twist-on wire connectors. *Remplacer uniquement avec de nouveaux intempéries twist-on connecteurs de fils.*

Basic Dimensions (in millimeter)



Wiring Instructions



Wiring may be terminated within the enclosure, or may terminate at the junction box remote from the luminaire.

Ensure the enclosure is properly grounded to earth ground.

Cover must be fastened with the provided 6 screws.

Be aware of potential hazards when installing or servicing.

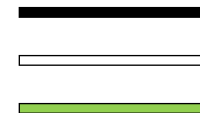
Wiring from LED
Engine to LED Driver



LED V+ Output from LED Driver (Black)

LED V- Output from LED Driver (Red)

Wiring from LED
Driver to AC Supply, or
LED Driver Terminal
Block Colouring



AC/Line 100/277/347/480V Supply Connection (Black)

AC/Neutral Connection (White)

Earth Ground Connection (Green)

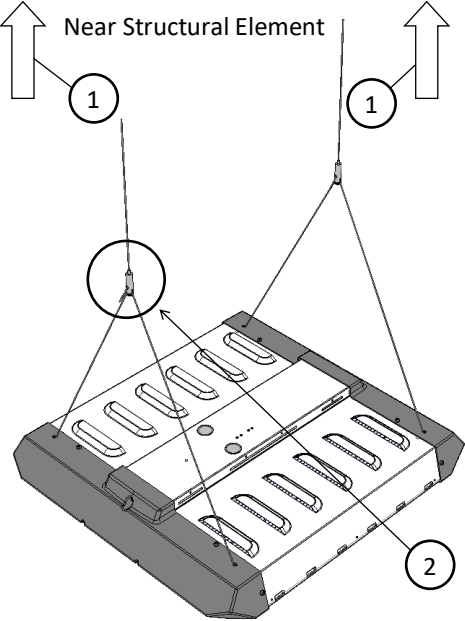
Wiring for 0-10V
Dimming



Dim + Connection (Violet, or as Labeled)

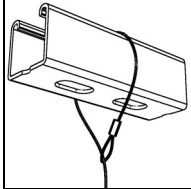
Dim - Connection (Grey, or as Labeled)

Suspension Kit Installation



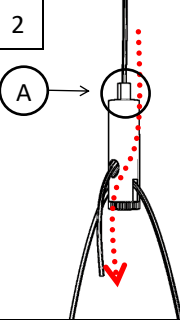
1

Loop around appropriate structural element.



2

A



Supplied Hardware:

- Cable to loop around structure
- Gripper Assembly, pre-assembled to luminaire

Slide the Cable through the top of the Gripper Assembly. Gripper allows cable to move in one direction only.

To slide cable in opposite direction, hold down the top of Gripper (see point A).

Tie up and secure the excess cable.

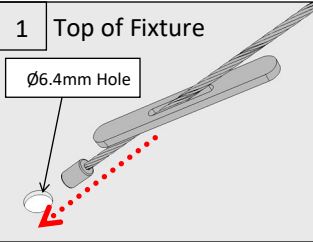
Part of the suspension kit is assembled into the luminaire. However, if for some reason the suspension kit not completely assembled into the fixture. Follow the following procedure to reattach the cable into the luminaire.

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

For all other issues regarding installation of the suspension kit, please contact Lumingen Technologies

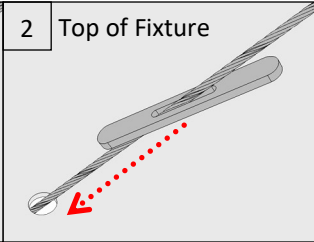
1

Top of Fixture



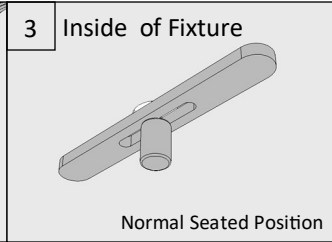
2

Top of Fixture



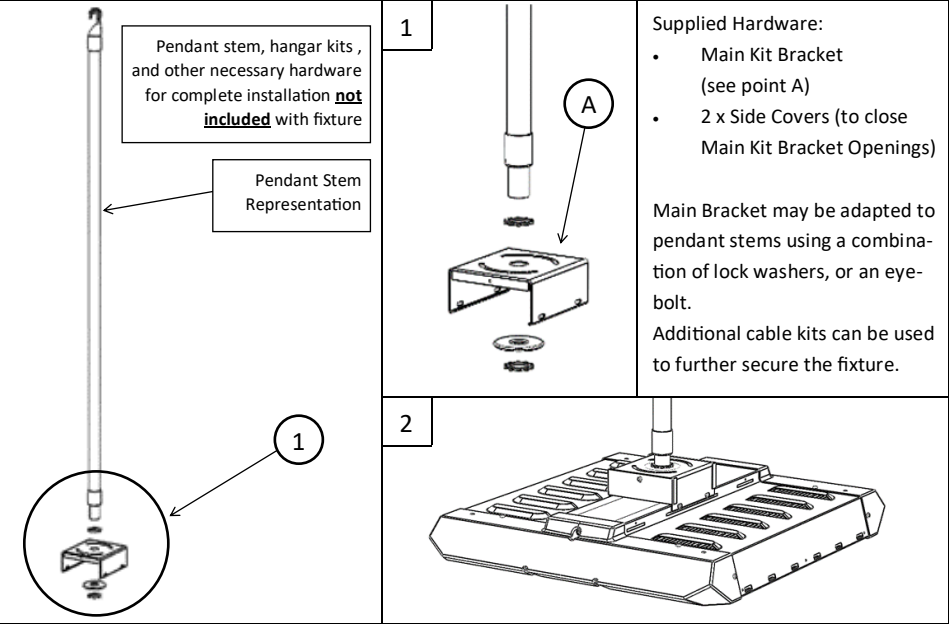
3

Inside of Fixture



Ensure all metal conduit plugs are in-place in unused openings.

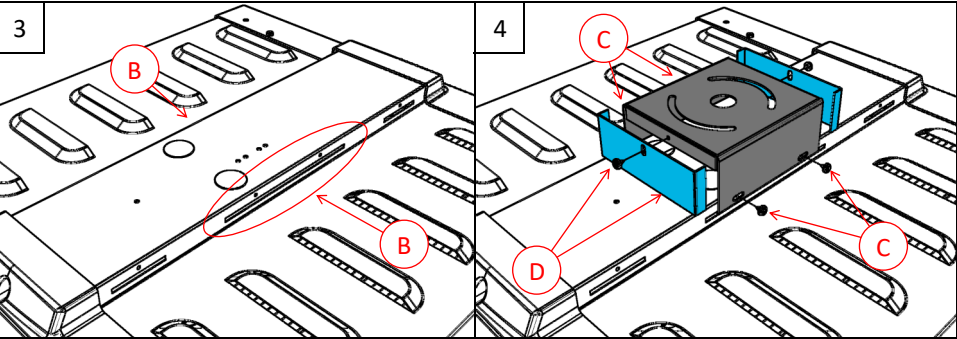
Pendant Kit (Pendant Stem) Installation



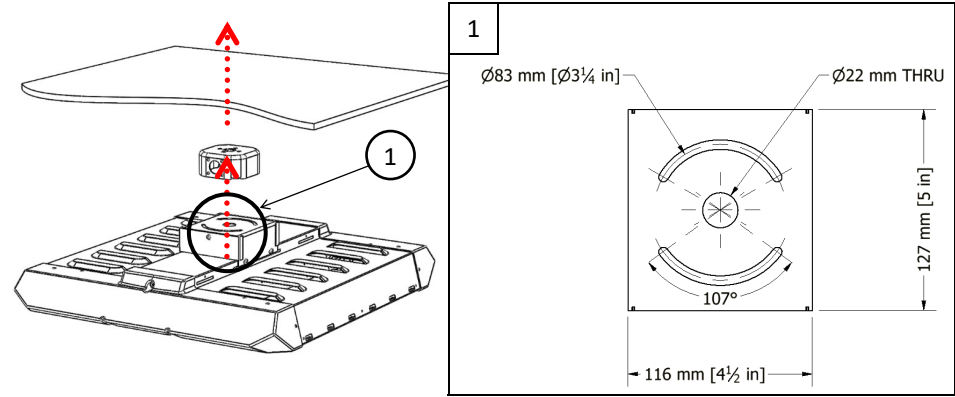
The Main Bracket should hook into the slot on both sides at the center of the fixture (see point B). Align and secure the bracket to the fixture with the four provided fasteners (see point C) at both sides of the bracket.

Wiring may be completed within the bracket enclosure. Enclose the bracket with both side covers and the supplied screws (see point D) to cover the wiring compartment.

Ensure all metal conduit plugs are in-place in unused openings.



Pendant Kit (over Junction Box) Installation



Supplied Hardware:

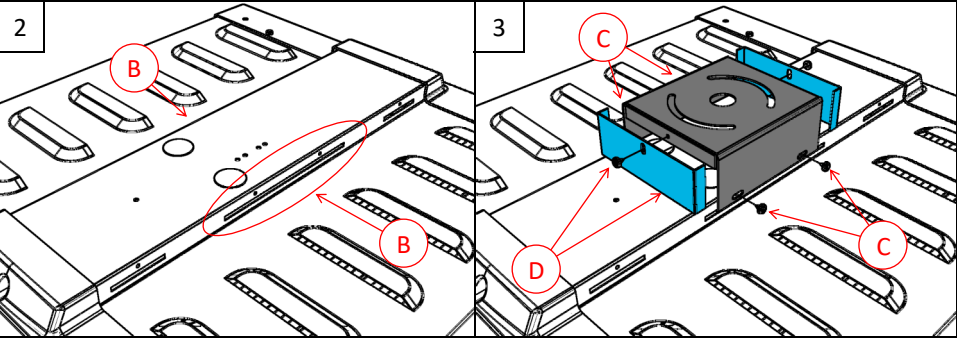
- Main Kit Bracket
- 2 x Side Covers (to close Main Kit Bracket Openings)

Pendant kit may also attach over existing junction boxes, provided that the junction boxes are suitable for this use. The slot pattern is as shown on right. This kit may be used for surface mounted installation, where applicable.

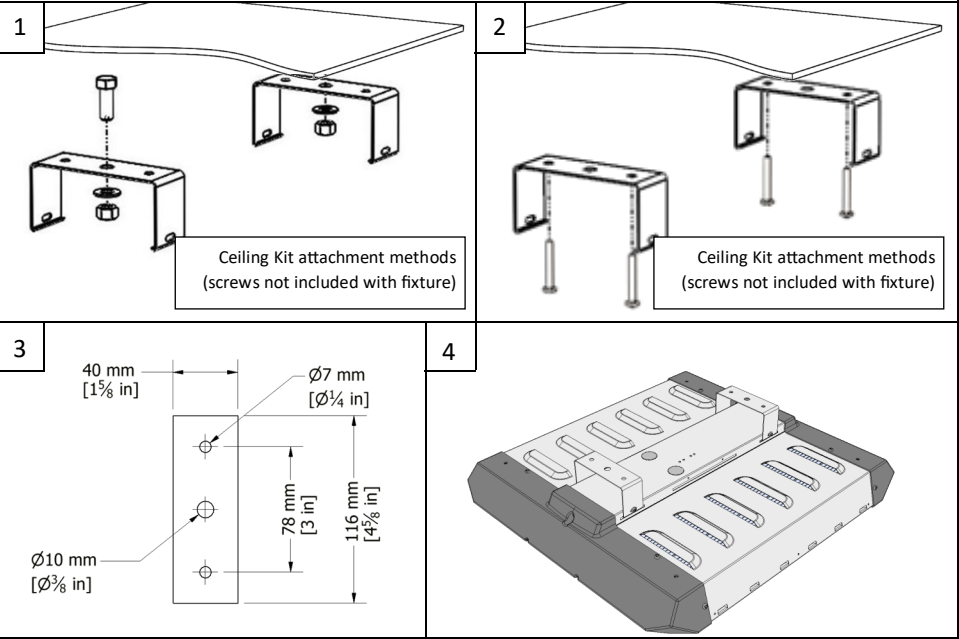
The Main Bracket should hook into the slot on both sides at the center of the fixture (see point B). Align and secure the bracket to the fixture with the four provided fasteners (see point C) at both sides of the bracket.

Wiring may be completed within the bracket enclosure. Enclose the bracket with both side covers and the supplied screws (see point D) to cover the wiring compartment.

Ensure all metal conduit plugs are in-place in unused openings.



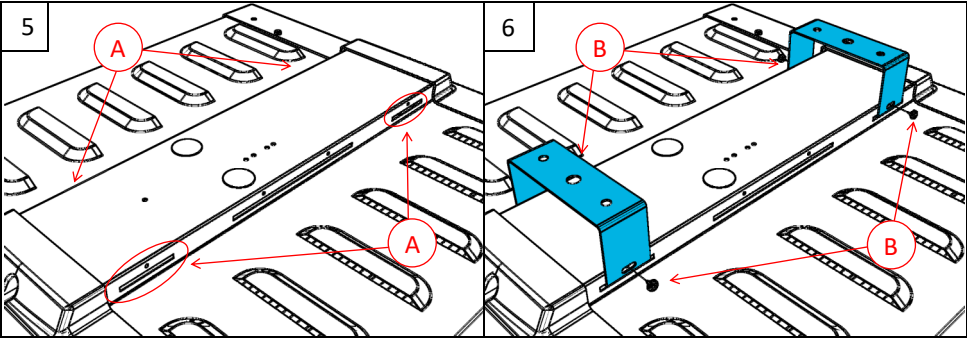
Surface Mount Kit Installation



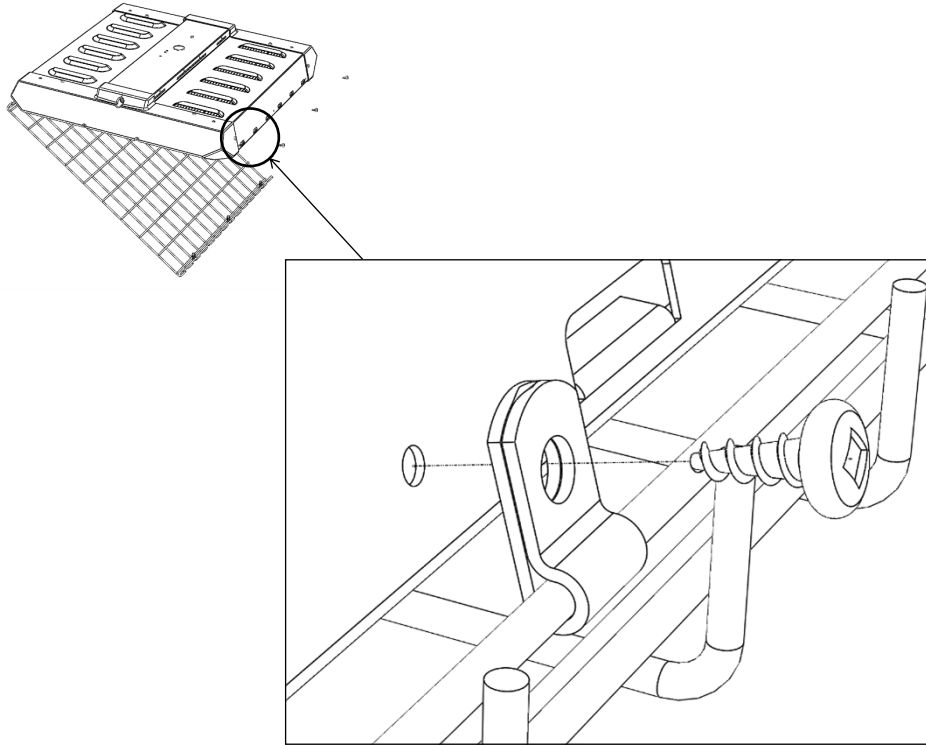
Attach the ceiling brackets to the installation surface.

The Ceiling Bracket should hook into the slot on both sides at the ends of the fixture (see point A). Align and secure the brackets to the fixture with the four provided fasteners (see point B) at both sides of each bracket.

Ensure all metal conduit plugs are in-place in unused openings.



Mesh Guard Installation



Mesh guard covers entire illuminating face of the fixture. Total of 6 screws secure the mesh guard to the fixture housing.

To access the central compartments, remove screws from only one side of the fixture.

Replace mesh guard after servicing is complete.