

Lumination® LED Luminaire



Construction Frame (LRX Series)



BEFORE YOU BEGIN

Read these instructions completely and carefully.



WARNING/AVERTISSEMENT

RISK OF ELECTRIC SHOCK

- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.

RISK OF FIRE

- Follow all NEC and local codes.
- Use only UL approved wire for input/output connections. Minimum size 18 AWG or 14 AWG for continuous runs.

RISQUES DE DÉCHARGES ÉLECTRIQUES

- Coupez l'alimentation avant d'inspecter, installer ou déplacer le luminaire.
- Assurez-vous de correctement mettre à la terre le boîtier d'alimentation électrique.

RISQUES D'INCENDIE

- Respectez tous les codes NEC et codes locaux.
- N'utilisez que des fils approuvés par UL pour les entrées/sorties de connexion. Taille minimum 18 AWG ou 14 AWG pour les rangées continues.



NOTICE

Lamp Housings LRXS4, LRXS6, LRXS8 may be assembled with part FRAMEXS. When Lamp Housings LRXS4, LRXS6, LRXS8 is assembled with Part FRAMEXS the final assembly complies with UL 1598 category IFAO recessed luminaire requirements. LRX products are suitable for wet location covered ceiling only.

Les boîtiers de lampes LRXS4, LRXS6, LRXS8 peuvent être montés avec la pièce FRAMEXS. Lorsque les boîtiers des lampes LRXS4, LRXS6, LRXS8 sont montés avec la pièce FRAMEXS, le montage final respecte les exigences des luminaires encastrés de la catégorie IFAO de la norme UL 1598. LRX produits conviennent pour emplacement humide couverte au plafond uniquement.

Save These Instructions

Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

Prepare Electrical Wiring



Electrical Requirements

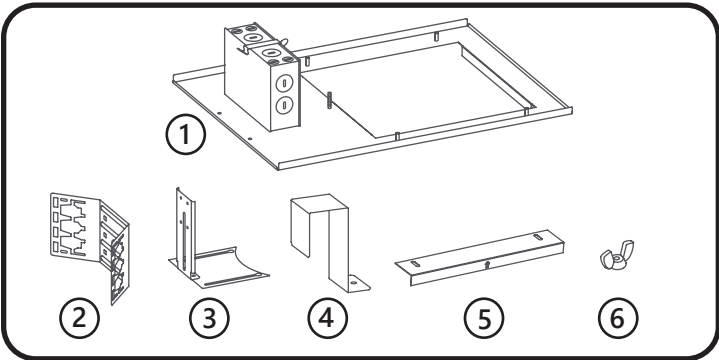
The LED luminaire must be connected to the mains supply according to its ratings on the product label.



Grounding Instructions

The grounding and bonding of the overall system shall be done in accordance to local electric code of the country where the luminaire is installed.

Components

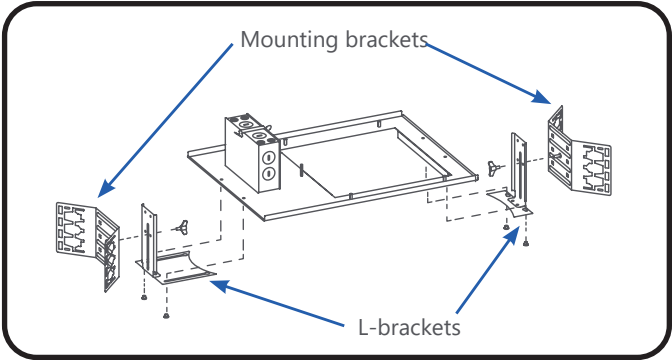


Provided Item	Qty.
1 Frame (4-inch, 6-inch or 8-inch)	1
2 Mounting brackets	2
3 L-Bracket	2
4 U-Bracket	1
5 Adjustable Bracket	2
6 Wing nut	7

NOTE: Part 4 is only for LRX EMBB version

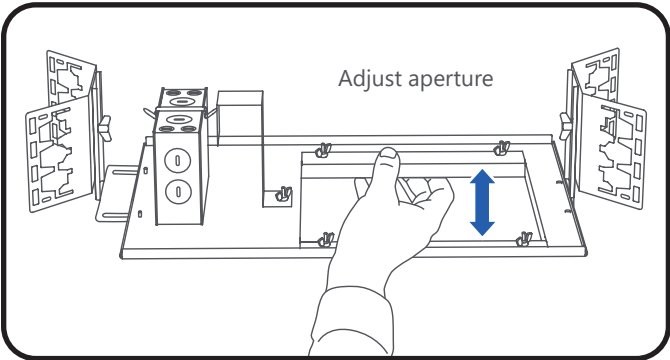
Frame Installation

Fixture Size	Square Hole Size
LRXS4	4.9-5.2 inch x 4.9-5.2 inch
LRXS6	5.95-7.5 inch x 5.95-7.5 inch
LRXS8	7.95-9.5 inch x 7.95-9.5 inch

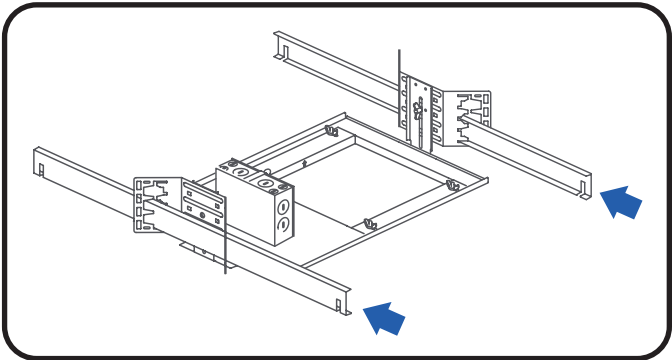


1 Cut the appropriate size hole into ceiling tile.

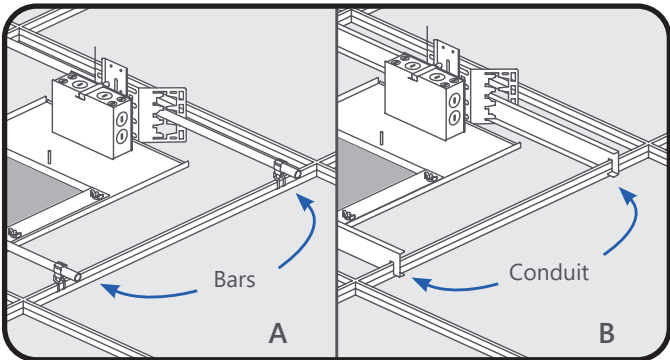
2 Place side L-brackets on existing frame screws and tighten with screwdriver on both sides of the frame. Then attach mounting brackets to both L-brackets with wing nuts (provided).



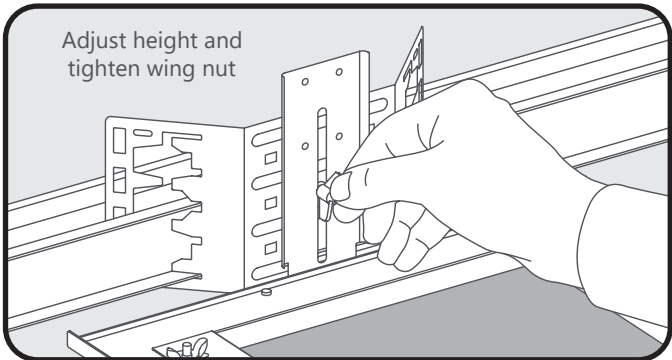
3 Adjust frame aperture size to be suitable for fixture, ensure the fixture center installed. Then tighten both mounting bracket wing nuts.



4 Slide hanger bars through adjustable mounting brackets.

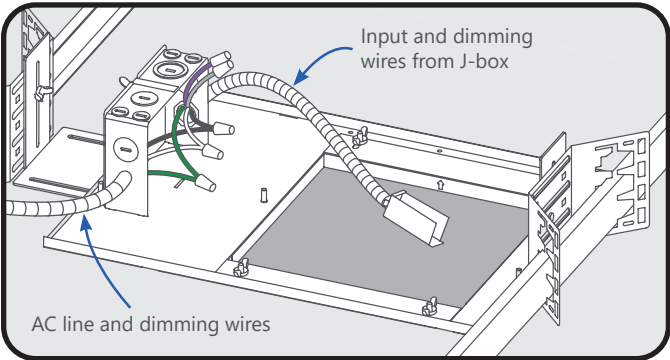


- 5 Option A: Mount fixture by attaching hanger bars to T-Grid ceiling (BH3 SKU 94890).
- Option B: Mount fixture with 1/2" EMT conduit.
Note: Supplied by 3rd party.

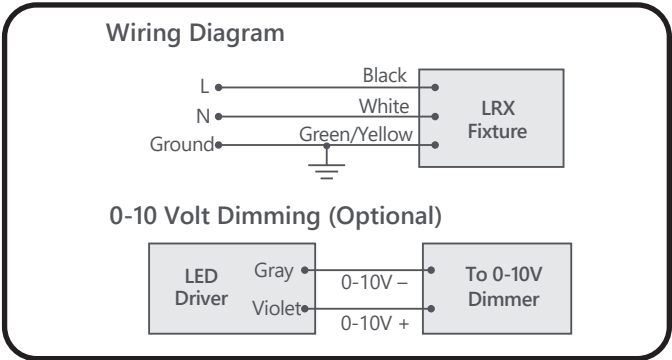


- 6 Adjust fixture height to be flush with ceiling and tighten both mounting bracket wing nuts.

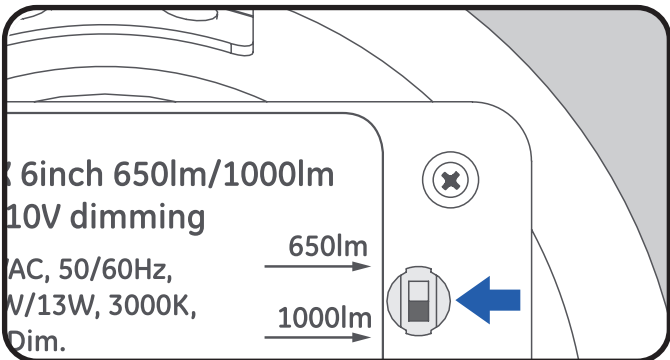
LRX-Series Mounting



- 7 Connect conduit end with input leads to existing junction box and make proper connections. Connect the black, white, and green/yellow wires of the input leads to the black, white and green wires using twist-on wire connectors and close junction box.
- Optional dimmer: When connecting with dimming controller, wires must be run through another separate knockout hole. Connect the violet (dimming +) and gray (dimming -) wires to the violet and gray wires of the fixture.
- NOTE: Please cover dimming leads with wire nuts if you won't connect with dimming leads.



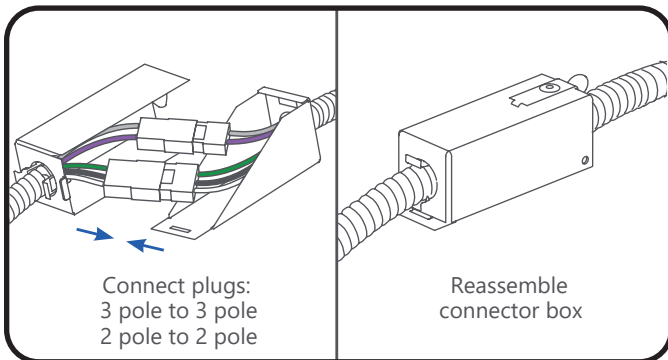
Lumens Setting Switch



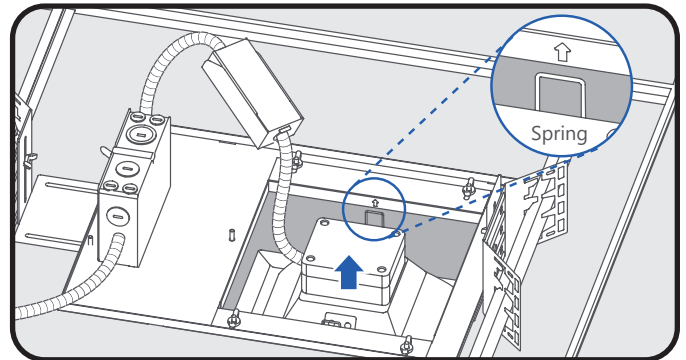
NOTE: For 1000/650lm product, default output lumen is 1000lm. Push switch up to activate 650lm.

Maximum Quantity Of Fixtures That Can Be Connected With One Dimmer

No.	Dimmer Type	Maximum Fixture Quantity
1	QSN - 4T16 - S	80
2	GRX TV1 with Grafik Eye QS Main Unit	520
3	NTFTV/NFTV/DVTV with PP - 120	40
4	TVM2 Module	80
5	TVI - LMF -2S	35



- 8 Connect the two quick connectors and reassemble the connector box.



- 9 Load springs into upright position by twisting the springs upward and carefully insert the fixture to the hole of the frame. Verify reflector trim is flush with ceiling.

NOTE: Please make sure the spring rides on the bracket with the arrow mark.

⚠ CAUTION

RISK OF PERSONAL INJURY - Operators shall ensure no appendages are in the path of the torsion springs as they are a pinch hazard when released. The springs will release when the arm is flexed downward. Be cautious that no body part is in the path of the spring when released.

RISQUE DE BLESSURE CORPORELLE - Les techniciens veilleront à ce qu'aucun appendice ne se trouve sur le chemin des ressorts de torsion, car ils présentent un risque de pincement lorsqu'ils sont libérés. Les ressorts seront libérés au moment de fléchir le bras vers le bas. Faites attention à ce qu'aucune partie du corps ne se trouve sur le chemin du ressort à sa libération.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAN ICES-005 (A) / NMB-005 (A).

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.