# **NRL Row Connecting Hard Ceiling Instruction Manual**

NOTE: Components shown in images are representative only and may vary based on the configuration ordered.

#### WARNINGS & SAFETY INFORMATION: PLEASE READ CAREFULLY!

WARNING: Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of drywall kit. Check for enclosed wiring and components

WARNING: Risk of fire or electric shock. Drywall kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician

WARNING: Risk of fire or electric shock. Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects

WARNING: This product is sensitive to Electrical Static Discharge (ESD). Care should be taken to avoid direct contact with the LEDs. Installers should be grounded using a wrist strap or other suitable method of grounding. Failure to ground the installer may cause premature failures and void the fixture warranty.

WARNING: The product shall not be connected to a luminaire marked for supply wires rated more than 90°C when provided with a two-piece polymeric electrical connector and support assembly for mounting a luminaire to an outlet box.

This luminaire has been modified and can no longer operate the originally intended lamp.

#### FCC WARNINGS

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- · Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

INCLUDED MATERIALS

B. (2x) Washer 18-8 FOR 8' VERSION:

B. (3x) Washer 18-8

Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

A. (2x) Bracket with M6 extruded holes

A. (3x) Bracket with M6 extruded holes

Remarque : Cet équipement a été mis à l'essai et déclaré conforme aux limites établies pour un dispositif numérique de classe B en vertu d'article 15 des règlements de la FCC Ces limites sont concues pour assurer une protection raisonnable contre tout brouillage nuisible dans une installation résidentielle. Cet équipement produit utilise et peut émettre des ondes radioélectriques et, s'il n'est pas installé et utilize conformément aux instructions, il peut créer des parasites nuisibles aux communications radio. Cependant, il n'existe aucune garantie que les interférences ne se produiront pas avec une installation particulière. Si cet équipement cause des brouillages préjudiciables à la réception de la radio ou de la télévision, ce qui peut être déterminé en éteignant et en rallumant l'équipement, l'utilisateur est invité à essayer de corriger ce brouillage au moyen de l'une ou de plusieurs des mesures suivantes

- Réorienter ou déplacer l'antenne de réception.
- · Augmenter la distance entre l'équipement et le récepteur.
- Brancher l'équipement sur une prise indépendante du circuit d'alimentation du récepteur.
- · Consulter le détaillant ou un technicien de radio/television compétent pour obtenir de l'aide.

Toute modification apportée à cet appareil non expressément approuvée par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur à utiliser l'équipement.





Fig. 1

Current

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# NRL NARROW RECESSED LINEAR

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# **INSTALLATION (GENERAL)**

## STEP 1

Create a cutout in the ceiling based on the dimensions shown in Figs. 1 & 2 on page 1.



# STEP 2

Install the provided brackets to building structure using screws (not provided). For spacing, please refer to Fig. 2 on page 1..



# STEP 3

Select CCT & lumen.



## STEP 4.1

Insert a flat head screwdriver into the gap between end-cap and lens, pry the lens carefully, and take lens out.

Note: For sensor version, pay attention to sensor and its cable inside housing when taking the lens out.



## STEP 4.2

Loosen all screws connecting LED-tray and Housing, disconnect the wires between LED-tray and power-supply, carefully remove LED-tray.



## STEP 4.3

Remove the KO on the back of the fixture with a flat head screw-drive



# STEP 5

Install housings to brackets in ceiling using M6 machine screws.

Open access plate, cut the nylon tie, and splice powers to fixture wires. Remove the knockout to connect conduit to access plate. Connect green wires to ground screw on access plate. Connect incoming power lines to fixture with provided disconnects. Secure access plate to the fixture.







**Basic Version** 

Sensor Version

LED Indicator Color	Style	Description
Green	Single Flash	Occupancy detected. This feature can be optionally disabled if not desired.
Green/Red	Solid On	Device is initializing. Occurs for a short period after power has been applied during boot up.
Green/Red	Flashing	Device is "identifying" itself in response to a network command to do so
Red	Rapid Flashing	Searching for a network. Also used when recieving firmware updates from the Daintree® EZ Connect app.
Red	Slow Flashing	Has joined a network but was not commissioned. Add the device to a zone to resolve
Red	Solid On	An error condition was detected. Power cycling or resetting the device is recommended.

# **Current**

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### STEP 6

Slide LED tray into the assembled side rails of the flange kit, attach flange kit end piece to the side rails using the 4 screws provided. Attach LED tray to the flange kit using the 2 screws provided



## STEP 7

Connect the wires between LED-Tray and power-supply, and install LED-Tray back into Housing with the screws loosened in step 4.2.



### STEP 8

Install lens into fixture. For sensor version, connect sensor to fixture at first, then install lens into Fixture.



# INSTALLATION (ROW CONNECTING CEILING)

### STEP 1

Remove one end cap and lens from each fixture using a screw driver.



## STEP 2

Connect power wires to fixture wires. Refer to step 5. Connect wires between fixtures.

Using the joining plate to connect two LED tray. Install LED tray with flange kit to housing in the ceiling.



**STEP 3** Install lens in to the LED tray.



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