ATTENTION:
This installation guide does not apply to Loop Recessed 1x2, 2x2, 1x4, 2x4, 6”x2 and 6”x4. See their version installation document for instructions.

Every fixture contains its own driver and receives a direct power feed.

**OPTION 1: DRYWALL – NEW CONSTRUCTION**

**OPTION 2: DRYWALL – RETROFIT**

**OPTION 3: OFF-GRID (IN TILE)**

**OPTION 4: ON-GRID**
Install Instruction

LOOP RECESSED
1X1 | 6"X1 | 6"X1.5

![Diagram of LOOP RECESSED]

**IMPORTANT**

All fixtures should be installed in accordance with national and local building and electrical codes.

Please read through entire instructions before proceeding.

**TOOLS + MATERIALS REQUIRED**

**Tools**
- Phillips Screw Driver
- Measuring Tool
- Pencil
- Drywall saw/cutter

**Materials**
- Reinforcing structure
- Mounting screws, supplied
  - Trim flange: 8x metal screws & washers
  - Trimless flange: 8x self-drilling #6 Bugle head drywall screws

**INSTALLATION**

**1A MINIMUM CLEARANCE**

Ensure there is enough clearance above the finished ceiling plane to allow installation.

**1B MOUNTING / SPACING REQUIREMENTS**

Ensure spacing of structure falls within allowed range.
2 INSTALL ROUGH-IN FRAME

1. Loosen screws on hanger bars.
2. Position frame then secure frame arms to structure.
3. Retighten hanger arms with frame in desired position.

3 PREPARE ELECTRICAL DROP

Install power drop location allowing enough length that the end drops a minimum 12” below ceiling plane.

4 INSTALL & PREPARE DRYWALL CEILING

Install drywall ceiling and cut out the luminaire opening, using the inside of the rough-in frame as a guide.

5A COMPLETE ELECTRICAL CONNECTIONS

1. Select a wiring entry point on the luminaire. Recommend using rear access plate for 1x1 and side knock-outs for 6”x1 | 6”x1.5, to ease ceiling insertion.
2. Open the power access plate and connect conduit to the plate or side knock-out.
3. Complete all electrical connections into the luminaire housing, wiring dimming controls as Class 1.
4. Ensure all wires are tucked inside and re-attach the power access plate.

5B COMPLETE ELECTRICAL CONNECTIONS

Optional pre-installed flex whip
Flex whip is attached and luminaire pre-wired in the factory. Complete electrical connections at the end of the flex whip.
6  **INSERT FIXTURE INTO CEILING**

Pass the fixture through the ceiling cut-out and place it to one side of the opening.

7  **FINISH DRYWALL CEILING - TRIM FLANGE**

Trim Flange: Finish and paint the ceiling as desired.  
Trimless Flange: Skip to next step.

8A  **INSTALL DRYWALL FLANGE - TRIM**

1. Raise the trim flange into the cut-out, ensuring that the flange lies flat on the ceiling plane.  
2. Attach the trim flange directly to the rough-in frame using the (8x) supplied screws and washers, horizontally.

8B  **INSTALL DRYWALL FLANGE - TRIMLESS**

1. Raise the trimless (mud-in) flange into the cut-out and hold it tightly against the drywall and rough-in frame.  
2. Securely attach the flange by driving 6 or more supplied drywall screws vertically upward through all 3 layers (flange, drywall, rough-in frame).

9  **FINISH DRYWALL CEILING - TRIMLESS FLANGE**

Trimless flange: Use joint compound to finish the luminaire opening and feather the edges for a flat ceiling appearance. Finish and paint the ceiling as desired.  
Trim flange: Skip to next step.

10  **POSITION FIXTURE INTO FRAME ASSEMBLY**

1. Position fixture into frame assembly.  
2. Gently pull down to ensure it is properly seated into frame.
11 REMOVE PROTECTIVE FILM

Remove clear dust protection film from the fixture after all building furnishing is complete.

CROSS SECTION

X section view of completed installation.


**INSTALLATION**

1A MINIMUM CLEARANCE

Ensure there is enough clearance above the finished ceiling plane to allow installation.

1B MOUNTING / SPACING REQUIREMENTS

Ensure spacing of structure falls within allowed range.

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**IMPORTANT**

All fixtures should be installed in accordance with national and local building and electrical codes.

Please read through entire instructions before proceeding.

**TOOLS + MATERIALS REQUIRED**

**Tools**
- Phillips Screw Driver
- Measuring Tool
- Pencil
- Drywall saw/cutter

**Materials**
- Reinforcing structure
- Mounting screws, supplied
  - Trim flange: 8x metal screws & washers
  - Trimless flange: 8x self-drilling #6 Bugle head drywall screws
1. Identify location of fixture between structural elements.
2. Using supplied rough in frame, trace out square profile.
3. Cut out drywall.

Install power drop location allowing enough length that the end drops a minimum 12" below ceiling plane.

1. Select a wiring entry point on the luminaire. Recommend using rear access plate for 1x1 and side knock-outs for 6"x1 | 6"x1.5, to ease ceiling insertion.
2. Open the power access plate and connect conduit to the plate or side knock-out.
3. Complete all electrical connections into the luminaire housing, wiring dimming controls as Class 1.
4. Ensure all wires are tucked inside and re-attach the power access plate.

Optional pre-installed flex whip
Flex whip is attached and luminaire pre-wired in the factory. Complete electrical connections at the end of the flex whip.

Pass the fixture through the ceiling cut-out and place it to one side of the opening.

Trim Flange: finish and paint the ceiling if required.
Trimless Flange: skip to next step.
**7A INSERT ROUGH-IN FRAME**

Pass the rough-in frame through the ceiling opening.

6”x1 | 6”x1.5: Hangar bars are not required and can be removed from the frame before insertion.

**7B ALIGN ROUGH-IN FRAME**

Align the rough-in frame assembly to the ceiling cutout and structure.

**8 SECURE FRAME TO STRUCTURE – 1X1**

1. Loosen screws on hanger bars.
2. Extend hanger bars and attach to structure using appropriate fasteners (by others).
3. Tighten hanger bar screws.

6”x1 | 6”x1.5: Supported by drywall, skip this step.

**9A INSTALL DRYWALL FLANGE – TRIM**

1. Raise the trim flange into the cut-out, ensuring that the flange lies flat on the ceiling plane.
2. Attach the trim flange directly to the rough-in frame using the (8x) supplied screws and washers, horizontally.

**9B INSTALL DRYWALL FLANGE – TRIMLESS**

1. Raise the trimless (mud-in) flange into the cut-out and hold it tightly against the drywall and rough-in frame.
2. Securely attach the flange by driving 6 or more supplied drywall screws vertically upward through all 3 layers (flange, drywall, rough-in frame).
10. **FINISH DRYWALL CEILING – TRIMLESS FLANGE**

Trimless flange: Use joint compound to finish the luminaire opening and feather the edges for a flat ceiling appearance. Finish and paint the ceiling as desired.

Trim flange: Skip to next step.

11. **POSITION FIXTURE INTO FRAME ASSEMBLY**

1. Position fixture into frame assembly.
2. Gently pull down to ensure it is properly seated into frame.

12. **REMOVE PROTECTIVE FILM**

Remove clear dust protection film from the fixture after all building furnishing is complete.

**CROSS SECTION**

X section view of completed installation.
Install Instruction
LOOP RECESSED
1X1 | 6"X1 | 6"X1.5

**OFF-GRID (IN TILE)**

Installation into T-grid tiles, (eg: 2x2', 2x4' or 20" x 4').

**IMPORTANT**

All fixtures should be installed in accordance with national and local building and electrical codes.

Please read through entire instructions before proceeding.

**TOOLS + MATERIALS REQUIRED**

**Tools**
- Phillips Screw Driver
- Pliers
- Cutting Tool
- Pencil

**Materials**
- #8 Sheet Metal Screw
- Hanger Wire

**INSTALLATION**

1. Identify location of fixture between structural elements.
2. Using supplied rough in frame, trace out square profile.
3. Cut out drywall.

**PREPARE CEILING TILE CUTOUT**

- 6.5" (165)
- 12.5" (318)
- 18.5" (470)

**INSTALL FRAME ASSEMBLY ON GRID**

1. Install hanger bars/rough-in frame assembly onto T-grid with precut ceiling tile in place.
2. Adjust hanger bar span to fit grid.
3. Tighten supplied hanger bar screws.
3 INSTALL TRIM FRAME

1. Raise the trim flange into the cut-out, ensuring that the flange lies flat on the ceiling tile.
2. Attach the trim flange directly to the rough-in frame using the (8x) supplied screws and washers, horizontally.

4 INSTALL FIXTURE TO FRAME ASSEMBLY

1. Position fixture into frame assembly.
2. Gently pull down to ensure it is properly seated to trim frame.

5A COMPLETE ELECTRICAL CONNECTIONS

1. Open the power access plate and connect conduit to it.
2. Complete all electrical connections into the luminaire housing, wiring dimming controls as Class 1.
3. Ensure all wires are tucked inside and re-attach the power access plate.

5B COMPLETE ELECTRICAL CONNECTIONS

Optional pre-installed flex whip
Flex whip is attached and luminaire pre-wired in the factory. Complete electrical connections at the end of the flex whip.

6 SECURE TO STRUCTURE

1. Bend hanger wire tabs out.
2. Tie-off fixture housing to structure according to local building codes using suspension wire (by others).
3. Secure hanger bars to grid with screws (by others).

7 REMOVE PROTECTIVE FILM

Remove clear dust protection film from the fixture after all building furnishing is complete.
**INSTALLATION**

1A **PREPARE GRID**

Ensure T-grid width matches fixture width.

- **1x1**: 12” on-center.
- **6”x1 | 6”x1.5**: 6” on-center. 6” TechZone® or USG Logix®

1B **PREPARE GRID**

Install short tee to match fixture length, according to T-grid manufacturer’s specifications.

- **1x1 | 6”x1**: 12” on-center.
- **6”x1.5**: 18” on-center.

**IMPORTANT**

All fixtures should be installed in accordance with national and local building and electrical codes.

Please read through entire instructions before proceeding.

**TOOLS + MATERIALS REQUIRED**

**Tools**
- Phillips Screw Driver
- Pliers

**Materials**
- Wire Connectors
- #8 Sheet Metal Screws
- Hanger Wire
3A BEND MOUNTING TABS

Bend tabs for grid mounting as shown on all four corners.

3B BEND MOUNTING TABS

Bend mounting tab as shown.

4 POSITION FIXTURE

Position fixture into grid.

5 ATTACH FIXTURE TO GRID

Attach to grid using #8 screws (by others).

6A COMPLETE ELECTRICAL CONNECTIONS

1. Open the power access plate and connect conduit to it.
2. Complete all electrical connections into the luminaire housing, wiring dimming controls as Class 1.
3. Ensure all wires are tucked inside and re-attach the power access plate.

6B COMPLETE ELECTRICAL CONNECTIONS

Optional pre-installed flex whip

Flex whip is attached and luminaire pre-wired in the factory. Complete electrical connections at the end of the flex whip.
7 SECURE TO STRUCTURE

Tie-off fixture to structure according to local building codes using suspension wire (by others).

8 REMOVE PROTECTIVE FILM

Remove clear dust protection film from the fixture after all building furnishing is complete.