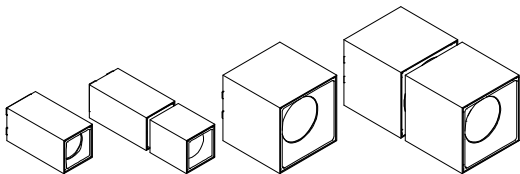


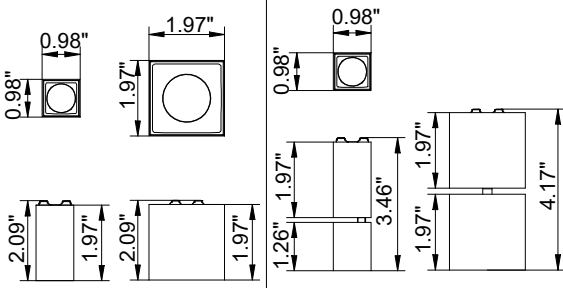


OZ

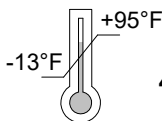


FIX

ADJUSTABLE



measures in inches (in)



48VDC



IP20

K 5 FB-B;

To ensure a maximum efficient use of the product, read the instructions before proceeding installment.



This fixture must be installed by a licensed and qualified electrician. The installer must comply with NEC and local building codes when installing the fixture



Electrical current can cause painful shock, serious injury, or even death. Make sure you turn off the power supply, ground fixture(s), and make sure all electrical connections are correct and secured



For use in IP20 installations.



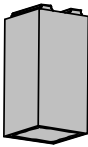
Keep the label of the original packaging if any eventual future claims are needed

Note: Remote Class II 120-277VAC to 48VDC electronic power supply. WIRING FIXTURE TO LINE VOLTAGE WILL DAMAGE FIXTURE AND VOID WARRANTY.

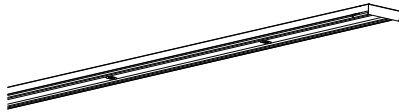
Table of Contents

Packaging Contents	Pg.2
Power System Setup	Pg.3
Via & Seal	Pg.4
Mounting Instructions	Pg.5-6
Fixture Installation	Pg.7
Maintenance	Pg.8
Support Page	Pg.9

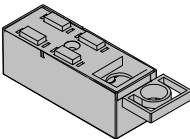
Packaging Contents



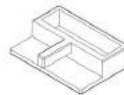
OZ fixture



OZ Power Rail



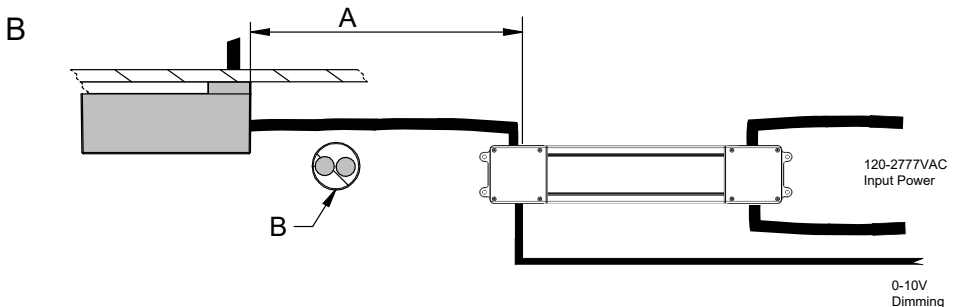
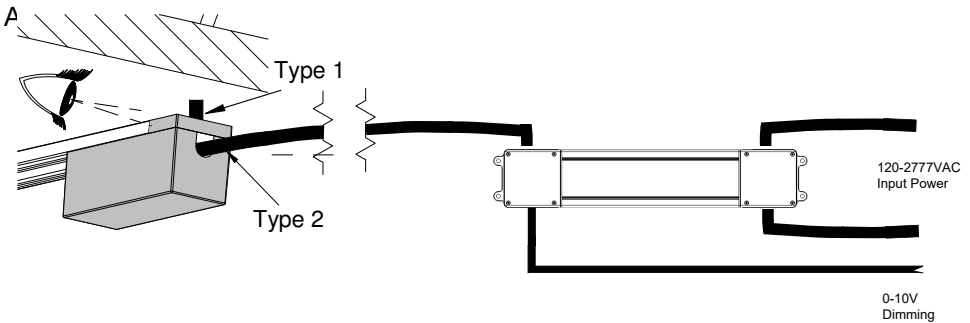
Power feed



End cap

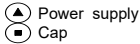
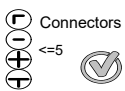
Power System Setup

- A) The OZ fixture are powered by a remote 48VDC driver. Driver will be installed in the correct location by the installer, granted that the installer complies to NEC and local building code.
- B) Installer will run class 2 plenum cable from the power feed to the driver. Cable length (A) and gauge (B) will be determined based on installer that complies with NEC, local building code, and voltage drop threshold percentage of <math><3\%</math>.
 - i) As a rule of thumb, we recommend installers a max distance of 100 feet with 16 gauge wiring with a full load 96W track system.



Track Layout

- Installer will set up the track pieces up based on the location of the fixture's layout diagram before assembling the pieces together with the following parameters
 - Power rails come in 1mt (3.28 ft) and 2mt (6.56 ft) lengths. Max length on one track system is 10mt (32.8 ft).
 - The track layout system comes with four different connector types: linear coupler, L connector, T connector, and X connector. Any of the following connectors may be used for the track system but cannot exceed more than 5 connectors per track system.
 - Each track system is required to come with a power supply and end caps to power up and cover the ends of the tracks on a track system. There isn't a limit on the amount of end caps are used for a track system.
 - All track layout systems must be a closed end to end system. A track system **cannot have a loop connection inside its system***. A loop in a track system should be altered to have end points in the track line to complete and correctly power the system.
 - ❖ Note: if the layout of the track system is required to be in a loop, the track layout may only be set up as a separate system using **exactly 4 "L" connectors** for that system. If the customer needs to add any additional connectors it must be separated in a new system with a new power supply source.
- Once the track system(s) have been identified and laid out, following the parameters above, installer can prep the track system for mounting and installation.

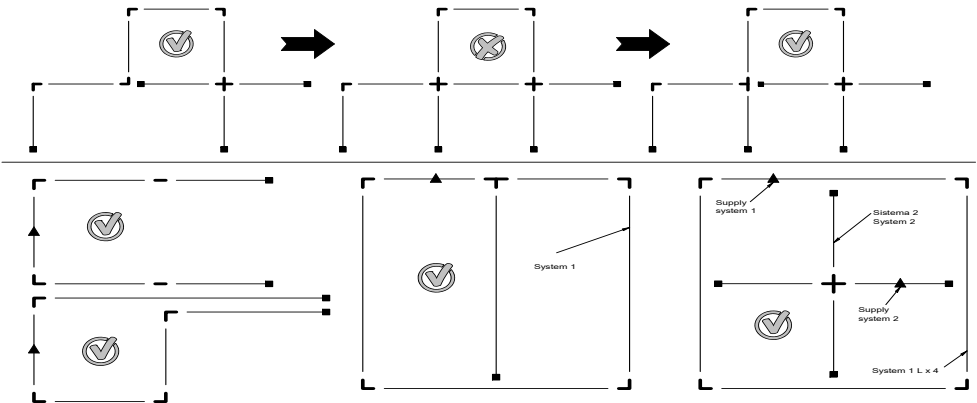


Max system length 10mt

Closed system



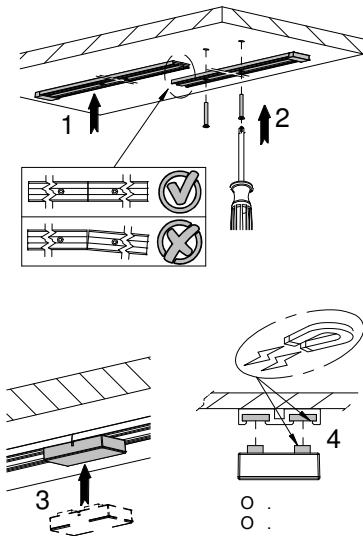
Closed system L x 4



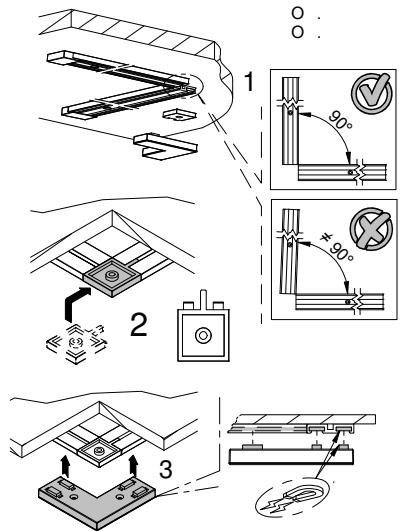
Mounting Instructions

- After the track system(s) have been identified and laid out, installer will first grab all the power rail pieces and mount them onto the desired mounting surface. Installer will lay the power rails out straight and screw the mounting screws directly onto the mounting surface flat with the proper mounting screws provided by the installer. Installer must comply with NEC and local building code when mounting the track system.
- When mounting the connectors to interconnect power rails to complete the track circuit, installer must follow the procedure based on the following connectors:
 - Straight connector: Installer will first mount the first rail in the desired position. Then the installer will grab the next rail and line the rail up side by side to the first mounted power rail. Once both rails are straight and touching side by side mount the other rail onto the mounting surface. When both rails are mounted, use the magnetic straight coupler and attach the coupler between the two rails. The magnetics automatically attach onto the two power rails and connect the two power rails as one circuit.
 - "L" connector: Installer will first place the two power rails in the L shape Position in the desired location. The installer must make sure that both pieces are exactly 90 degrees apart from each other. Once both rails are correctly positioned, mount both rails onto the mounting surface. When both rails are mounted, mount the square joiner to attach both side of both rails exactly before attaching the magnetic L connector. Once the square joiner is mounted, connect the magnetic "L" connector between the two rails. The magnetics automatically attach onto the two power rails and connect the two power rails as one circuit.

Straight connector

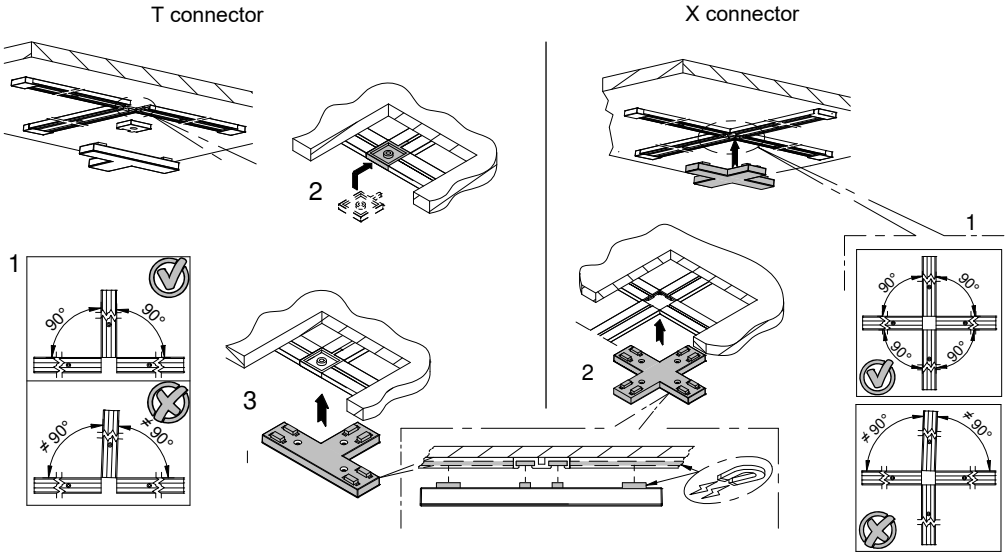


L connector



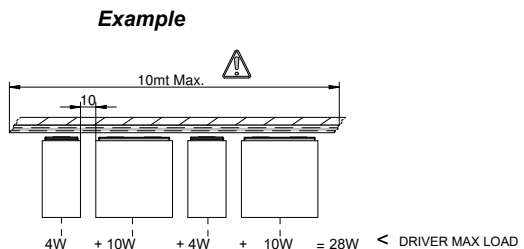
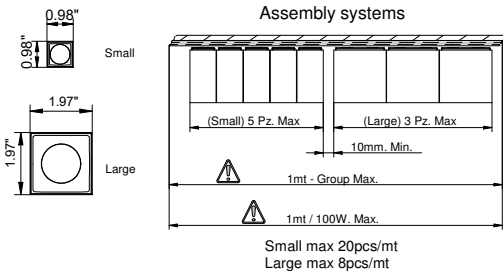
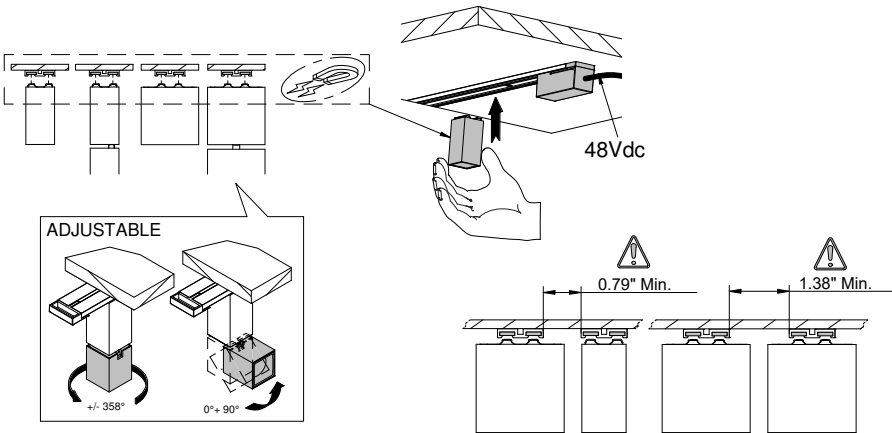
Mounting Instructions

- When mounting the connectors to interconnect power rails to complete the track circuit, installer must follow the procedure based on the following connector(s):
 - "T" connector: Installer will grab three power rails and shape them in the T shape position in the desired location of mounting. The installer must make sure that the three pieces are exactly 90 degrees apart from each other. Once the rails are correctly positioned, mount the rails onto the mounting surface. When the three rails are mounted, mount the square joiner in between all three rails to attach all sides of the rails exactly before attaching the magnetic T connector. Once the square joiner is mounted, attach the T connector on all three power rails. The magnetics automatically attach onto the power rails and connect the three power rails as one circuit.
 - "X" connector: Installer will grab four power rails and shape them in the X shape position in the desired location of mounting. The installer must make sure that the four pieces are exactly 90 degrees apart from each other. Once the rails are correctly positioned, mount the rails onto the mounting surface. When the four rails are mounted, mount the square joiner in the middle all four rails to attach all sides of the rails together before attaching the magnetic X connector. Once the square joiner is mounted, attach the X connector on all four power rails. The magnetics automatically attach onto the power rails and connect the four power rails as one circuit.



Fixture Installation

- Once the track system is mounted, it is time to install the fixtures onto the track.
 - Installer will confirm that the remote driver connection is wired up to the power feed. Once the power feed is wired up to the driver, installer will attach the power feed onto the track system (**DO NOT ATTACH THE POWER FEED ON THE TRACK LIVE**).
 - Once the power feed is attached onto the track system, attach one of the OZ fixtures onto the track on the desired location. If the OZ fixture is an adjustable fixture, position the optic to point at the desired location based on the fixture's range of motion capability. The optical head of the fixture can bend vertically up to 90 degrees of motion and rotate around up to 358 degrees of freedom.
- When attaching the OZ fixtures onto the track system, keep in mind a few precautions to ensure no issues when installing the fixtures on the track system:
 - If you are running multiple power rails parallel to one another and are installing fixtures side by side, be sure to give spacing between the two tracks to all spacing when installing the OZ fixtures side by side.
 - Based on the the length of the track, **do not install more than the max amount of fixtures allowed per 1mt power rail**.
 - Be sure when installing the total amount of fixtures on the track system that it **does not exceed past the driver max load of the system**.



Maintenance

This fixture was designed and manufactured for a durable, long lasting use with minimum care. To ensure the maximum lifespan of this product, we encourage our customer to provide a quality visual inspection of the fixture every six months.

If there are any visible sign of issues (i.e moisture or dust) during the inspection, please clean any of the dust or moisture with a soft cloth and check to make sure that any of the fixtures are still operating normally. If there are any issues regarding the fixture please contact us as we will assist the situation at hand. ~~AA~~

Support

Any questions, problems, or comments you have please feel free to contact our Customer Service department during our business hours Monday-Friday 8am-5pm via:

Email: usaorders@targetti.com

Phone: (714) 513-1991

Visit our website: <http://www.targetti.us>

TARGETTI™