

Bara - Installation Instructions

Models BAR-XX

Please read all instructions prior to installation and keep for future reference!

1. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN.
2. USE ONLY WITH CLASS 2 POWER UNIT.
3. 24 VOLTS DC.
4. SUITABLE FOR DAMP LOCATIONS.
5. SURFACE MOUNT ONLY
6. APPROVED FOR CLOSET/STORAGE SPACE INSTALLATION PER NEC 410.16(A)(3) AND 410.16(C)(5) ON OUTPUTS 5.7W/FT OR LESS
7. INHERENTLY PROTECTED
8. FIXTURE SHOULD BE INSTALLED BY TWO PEOPLE



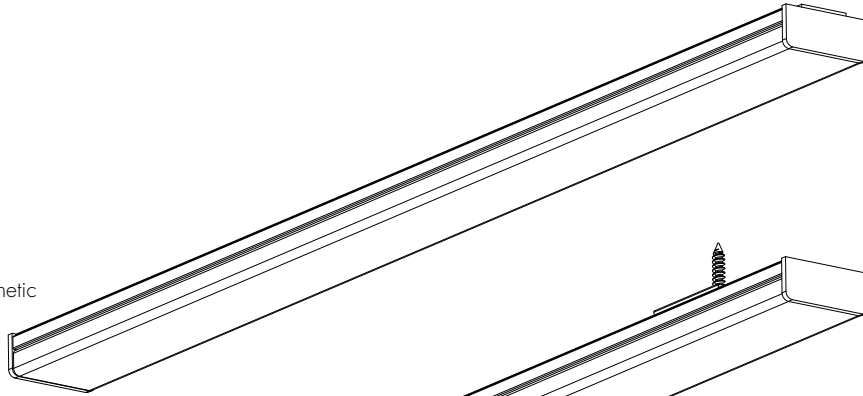
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1 / 10

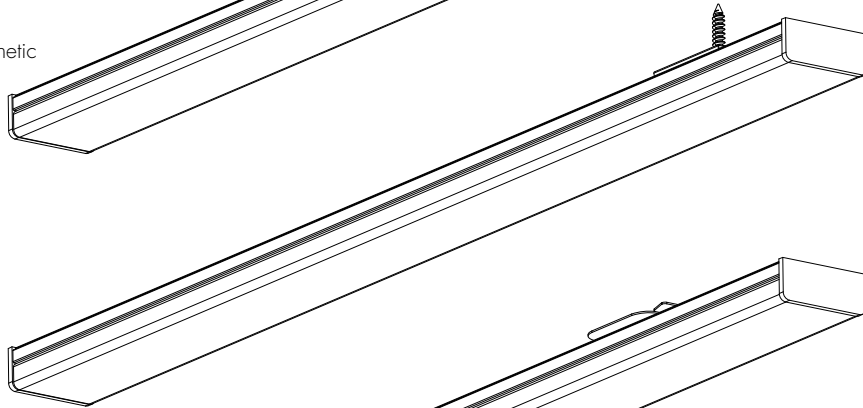


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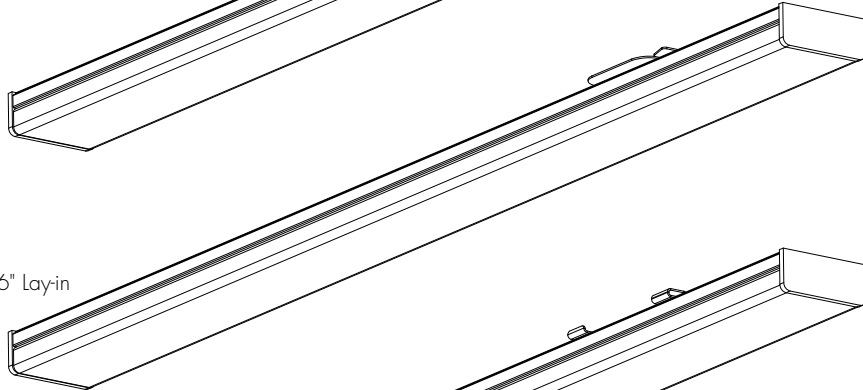
Bara w/ magnetic mounting



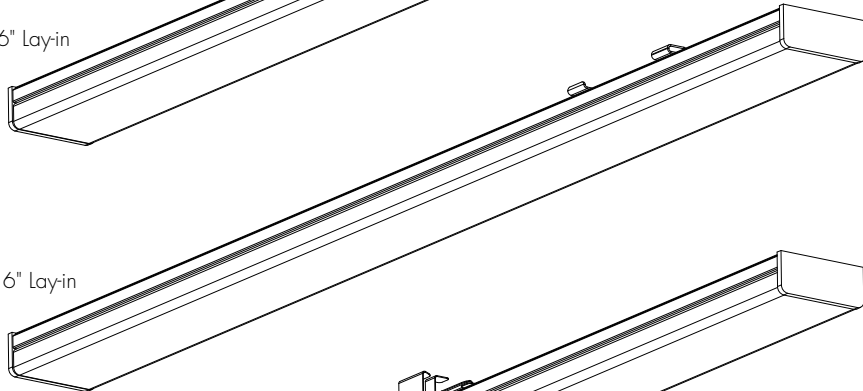
Bara w/ fixed mounting clip or drywall clip



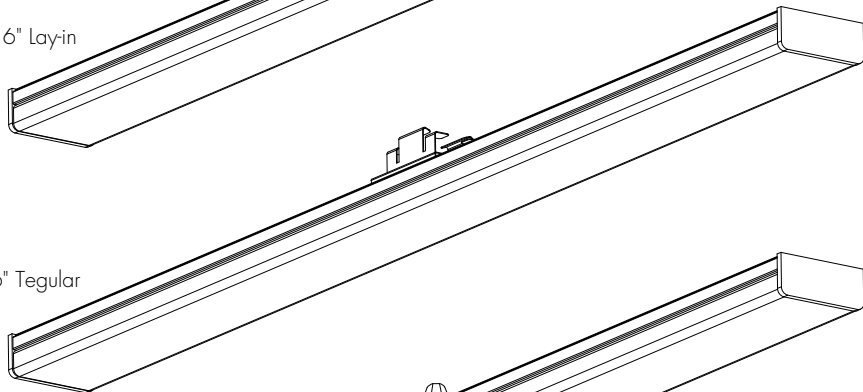
Bara w/ 9/16" Lay-in Grid Clip



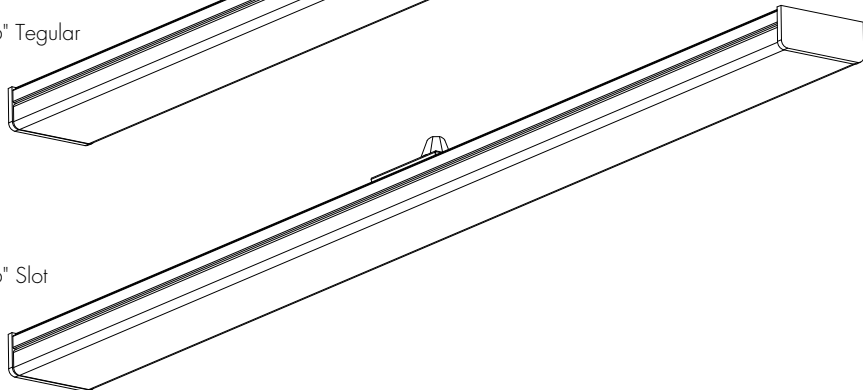
Bara w/ 15/16" Lay-in Grid Clip



Bara w/ 9/16" Tegral Grid Clip



Bara w/ 9/16" Slot Tee Grid Clip



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2 / 10

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Magnetic Installation

Note: Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.
Note: More than one person is recommended for this installation.

1

1.1 If necessary make any pass through holes for wire lead/connector to the surface, depending on the power feed option.

1.2 Clean the surface area thoroughly from any debris. Must be made of steel or a ferrous metal

1.3 Snap the fixture onto the metal surface. If necessary fixture can easily be removed by pulling off the surface and repositioning correctly.

2

2.1 Follow one of the two options to connect the fixture to the power supply.

Option 1- Secure female quick connect to male quick connect. Feed male quick connect wire through conduit to power supply.

OR

Option 2- Feed wire whip to the power supply.

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Fixed Mounting Clip Installation - Drywall

Note: Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.
Note: More than one person is recommended for this installation.

<p>1</p> <p>1.1 Determine the location of where the fixture(s) will be installed. Lay the fixture(s) on the surface, and make any necessary reference marks for the fixed mounting clips. Make marks 4" from each end of the fixture(s) and also every 24" in between.</p>	<p>1.2</p> <p>1.2 Drill holes using a 0.180" Ø drill bit.</p>	
<p>1.3</p> <p>1.3 Insert plastic drywall anchors, hammering flush to drywall surface.</p>	<p>1.4</p> <p>1.4 Place bracket over drywall anchor and fasten to drywall using a #6 SS screw, 0.75" long.</p>	<p>1.5</p> <p>1.5 Clip on the light fixtures</p> <ul style="list-style-type: none"> .1 Align light fixture to one side of the clips, make sure the fixture is held. .2 Snap on the other side. <p>Note: DO NOT snap two sides at the same time</p>

2 Follow one of the two options to connect the fixture to the power supply.

Option 1- Secure female quick connect to male quick connect. Feed male quick connect wire through conduit to power supply.

OR

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Fixed Mounting Clip Installation - Millwork

Note: Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.
Note: More than one person is recommended for this installation.

1 back of fixture

1.1 4" every 24" 4"

fixed clip
#4 size screw

1.1 Determine the location of where the fixture(s) will be installed. Lay the fixture(s) on the surface, and make any necessary reference marks for the fixed mounting clips. Make marks 4" from each end of the fixture(s) and also every 24" in between.

1.2 Lay the fixed clip onto the reference mark points. Drill a 0.1" starter hole. Lay down the clips and secure with the screw.

1.3 Clip on the light fixtures

- .1 Align light fixture to one side of the clips, make sure the fixture is held.
- .2 Snap on the other side.

1.3.1

fixed clip
fixture

1.3.2

Snap

Note: DO NOT snap two sides at the same time

2 Follow one of the two options to connect the fixture to the power supply.

Option 1- Secure female quick connect to male quick connect. Feed male quick connect wire through conduit to power supply.

wires from fixture
female quick connect
male quick connect
to power supply

OR

Option 2- Feed wire whip to the power supply.

wires from fixture

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5 / 10

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Lay-in Grid Clip Installation

Note: Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.
Note: More than one person is recommended for this installation.

1

1.1 Prior to installing the fixture on the grid, reference the back of the fixture to take into consideration end caps & power feed. In addition take into account the lead wires they are slightly off centered.

1.2 Then align & rotate to secure each t-bar clip to the track. Install a t-bar clip 4" from each end of the fixture and also one every 24" in between the fixture.

1.3 Clip on the light fixtures

- .1** Align light fixture to one side of the clips, make sure the fixture is held.
- .2** Snap on the other side.

1.3.1

1.3.2 Snap

Note: DO NOT snap two sides at the same time

Optional

female quick connect, male quick connect, T-Bar, bar fixture, notch, mounting surface

front view

male quick connect, female quick connect, bar fixture

If necessary, use metal shears to cut a notch on T-bar/Tile for fixture lead ensuring sharp bends in wire management are avoided to prevent the wire leads from stripping and causing a short.

2

Follow one of the two options to connect the fixture to the power supply.

Option 1- Secure female quick connect to male quick connect. Feed male quick connect wire through conduit to power supply.

wires from fixture, female quick connect, male quick connect, to power supply

OR

Option 2- Feed wire whip to the power supply.

wires from fixture

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6 / 10

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Tegular Grid Clip Installation

Note: Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.
Note: More than one person is recommended for this installation.

1.1 Prior to installing the fixture on the grid, reference the back of the fixture to take into consideration end caps & power feed. In addition take into account the lead wires they are slightly off centered.

1.2 Then align & insert one side of tegular grid clip to the track, snap on the other side. Install a clip 4" from each end of Clip on the fixture and also one every 24" in between the fixture.

1.3 .1 Align light fixture to one side of the clips, make sure the fixture is held.
.2 Snap on the other side.

1.3.1 Align light fixture to one side of the clips, make sure the fixture is held.

1.3.2 Snap on the other side.

Note: DO NOT snap two sides at the same time

Optional

tegular grid
female quick connect
male quick connect
notch
bara fixture
mounting surface

front view

male quick connect
female quick connect
bara fixture

If necessary, use metal shears to cut a notch on tegular grid for fixture lead ensuring sharp bends in wire management are avoided to prevent the wire leads from stripping and causing a short.

2 Follow one of the two options to connect the fixture to the power supply.

Option 1- Secure female quick connect to male quick connect. Feed male quick connect wire through conduit to power supply.

wires from fixture
female quick connect
male quick connect
to power supply

OR

Option 2- Feed wire whip to the power supply.

wires from fixture

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7 / 10

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Slot Tee Grid Clip Installation

Note: Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.
Note: More than one person is recommended for this installation.

1 lead wire (centered) 4" every 24" 4"

1.1 back of fixture

1.2 slot tee grid clip

1.3 clip fixture Snap

1.1 Prior to installing the fixture on the grid, reference the back of the fixture to take into consideration end caps & power feed. In addition take into account the lead wires they are slightly off centered.

1.2 Then align & insert top of slot tee grid clip into the trak. Use screwdriver to secure the clip. Install a clip 4" from each end of Clip on the fixture and also one every 24" in between the fixture.

1.3 .1 Align light fixture to one side of the clips, make sure the fixture is held.
.2 Snap on the other side.

1.3.1 clip fixture
1.3.2 Snap

Note: DO NOT snap two sides at the same time

Optional

lead wire slot tee grid hole bara fixture mounting surface

front view

lead wire bara fixture

If necessary, drill a hole with grid for fixture lead ensuring sharp bends in wire management are avoided to prevent the wire leads from stripping and causing a short.

2 Follow one of the two options to connect the fixture to the power supply.

Option 1- Secure female quick connect to male quick connect. Feed male quick connect wire through conduit to power supply.

wires from fixture female quick connect male quick connect to power supply

OR

Option 2- Feed wire whip to the power supply.

wires from fixture

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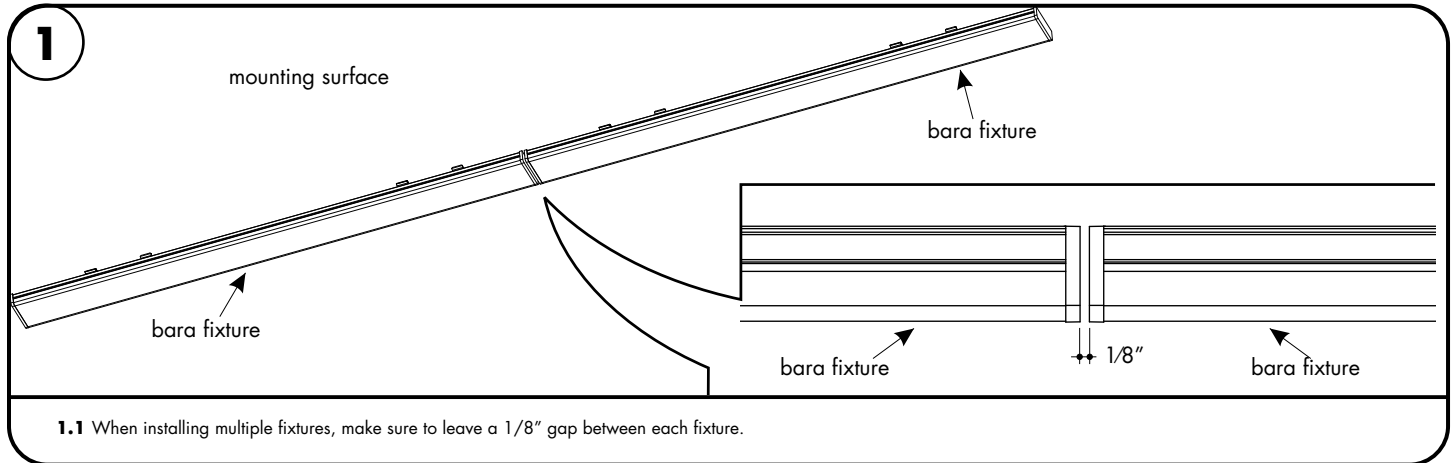
8 / 10



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Multiple Fixture Installation

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9 / 10



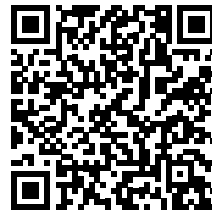
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Power Supply Wiring Diagram

Note: Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.



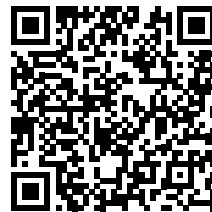
Static White
Wiring Diagram PDF



RGB/RGBW
Wiring Diagram PDF



Warm Dim
Wiring Diagram PDF



Pixel
Wiring Diagram PDF



Tunable White
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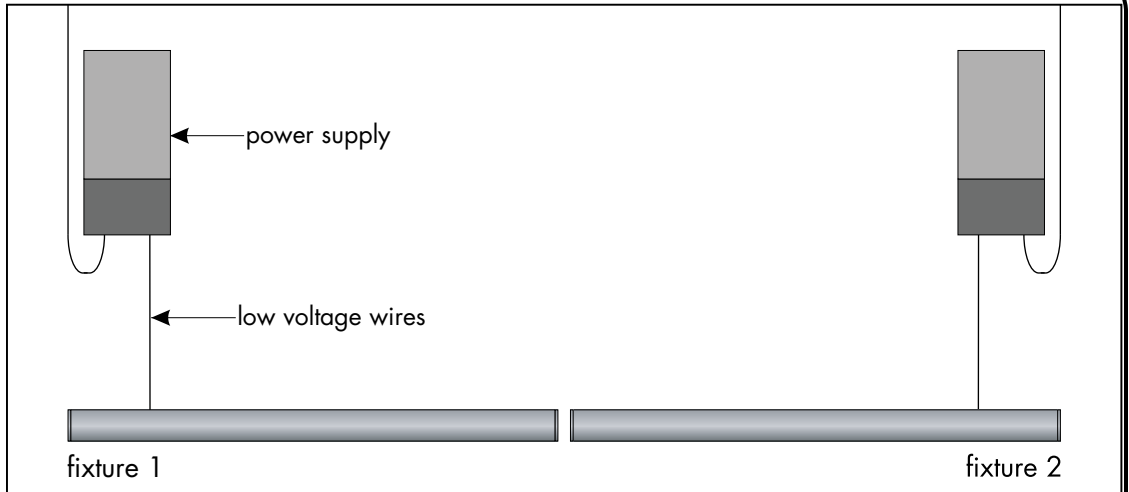
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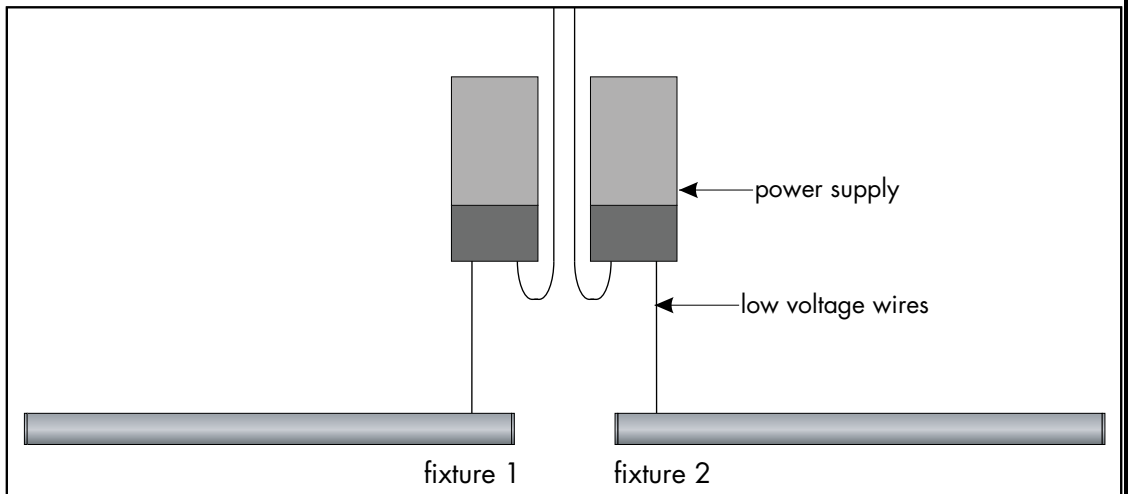
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10 / 10

power supplies at the end of the run



power supplies in the middle of the run



consecutive layout, NOT RECOMMENDED

