Shelfology
Certified Rad_

Designed & Crafted
By Radically Talented
Humans Right Here In
The U.S. Of Awesome_

U.S.
Patented
Design.

The
Original
Bracket.

Aksel LED
Install Guide



Installation Difficulty Rating (1-10)

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Required Tools

- Drill
- Level
- Measuring Tape
- Phillips-head Screwdriver

Optional Tools

- Pencil
- ¼" Diameter Drill Bit
- Stud Finder

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START ↓↓

Energy efficient, soothing lighting, combined with your favorite natural woods and shelf finishes. Aksel LED will brighten up any library, kitchen or home office. Designed & Crafted By Radically Talented Humans Right Here In The U.S. Of Awesome.

What's In The Box

- **Aksel Bracket** 1x 
- **Aksel LED Shelf Slab** 1x 
- **Truss Head Fastener Set** 1x 
- **Pan Head Fastener Set** 1x 
- **Wall Anchor Set** 1x 

What You'll Need

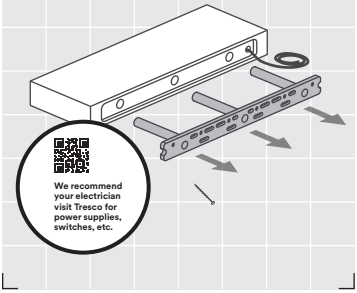
- **Innate Radness** Done! 
- **Your Favorite Soda** 2x 
- **Silicone** 1x 

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LIGHTNING FAST LEAD TIMES_

Installation Steps

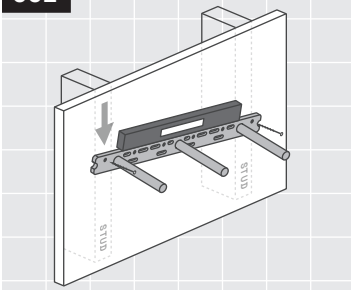
001



STOP! *Consult with a certified electrician before install commences. Every install is different, have a solid wiring game plan ready with your electrician!* ***24VDC input voltage required.*** *We recommend https://trescolighting.com for accessories.*

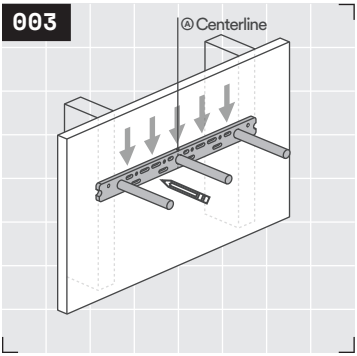
Ready? First, remove the bracket lock fastener. The lock fastener is designed to secure the Aksel bracket during shipping and is not required for installation. Next, remove the Aksel bracket from the back of the shelf. Set your shelf on a padded surface to protect the lighting unit (be sure not to damage wiring while removing bracket). Take a swig of your favorite soda.

002



Orient your bracket on the wall so the hole and channel pattern across the top of your bracket face up. Use a drill to install a fastener in either far left or right hole. Review **Rad Tip** ④ on page 7 to know how to use your included fasteners. Level your bracket, set another fastener in the opposite end hole with your drill. If you have installed blocking behind the full length of your bracket, skip to step 5. If you have not installed blocking, proceed to step 3. For more information on blocking, see **Rad Tip** ① on page 7.

003

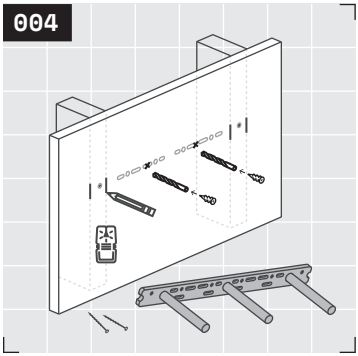


Mark all fastener holes and channels with a pencil. Once every fastener location has been marked, uninstall both fasteners and remove your bracket from the wall. Take another swig of your favorite soda or non-alcoholic brew.

Ⓐ If you need to align multiple shelves, every Aksel bracket has an etched centerline mark in the center-top of the backbar. Use a level to create a vertical centerline on your wall and align your brackets to this line.

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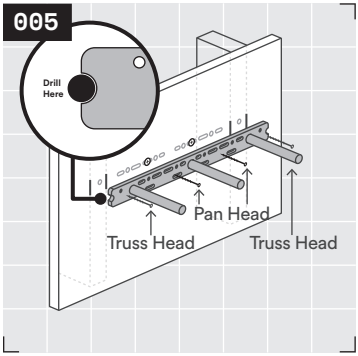
004



Use a stud finder to mark the location of every stud the bracket crosses. For areas between studs, mark one or two drywall anchor install locations roughly every eight to twelve inches (they may be closer if you have additional fasteners), along the length of the bracket depending on the stud spacing in your wall.

Predrill each drywall anchor location with a ¼" drill bit to avoid breaking drywall anchors. Install a drywall anchor in each of these pre-drilled locations. If you are using your own anchors, we recommend Toggler brand for best results. Stud locations should not be pre-drilled. Drywall anchors should be installed flush with the drywall surface.

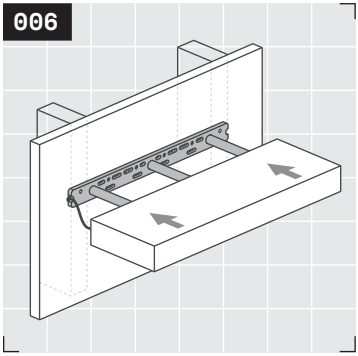
005



Replace the bracket and install a truss head fastener into every location crossing a stud or blocking. Install pan head fasteners into every location where wall anchors are used. See **Rad Tip ④** on page 7 to ensure you are using the correct fastener. Each end of the steel bracket backbar has a half moon notch. Find the notch which aligns with the wired end of your shelf slab. Drill a hole through the wall inside this notch using a ½" drill bit.

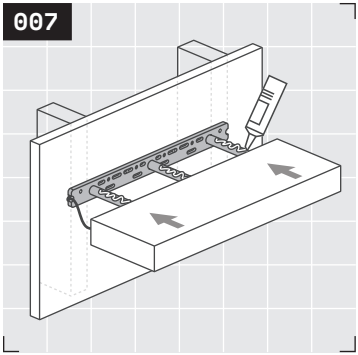
Make a final inspection of your bracket. Check for bracket sag, confirm bracket is correctly secured to wall. To correct sag, see **Rad Tip ②** on page 7.

006



Begin sliding your shiny new hardwood shelf onto the bracket. Before pushing the wood shelf fully into place, insert wires into the ½" wall hole. See **Rad Tip ①** on page 7. At this point your electrician should already have a power supply and switch(s) installed, ready to connect.

007



Optional: Apply 100% silicone to the bracket rods and also the rod holes in your shelf slab. Slide the shelf slab onto your bracket. Allow the silicone 24 hours to fully cure and secure your shelf. See **Rad Tip ③** on page 7 for more information.

Finish off your soda, it's time to celebrate your innate awesomeness! You finished the shelf install and deserve heaps of adulation. If you need more help, please reach out to a shelf geek today.

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Whoa, you made it! We are vicariously stoking for you right now. Post your sweet shelfie on Instagram now!

@shelfology
#radshelfie

Need a hand? Speak with a Shelf Geek at 949.244.1083 or hello@shelfology.com today.

How did we do? You'll get an email soon asking for a product review, and we'd be stoked if you oblige. You rock in advance!

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Warnings

① Correct Install Required For Safe Use

1.1 Shelf brackets must be correctly installed into studs or wall blocking. Failure to do so may result in sagging shelves, falling objects, or serious injury.

② Adhere To The Capacity Rating Of Your Specific Bracket

2.1 Every Shelfology bracket weight class and length has been engineered for use with specific shelf capacities/dimensions. Failure to follow our specified capacity ratings and correct shelf dimensions may result in sagging shelves, falling objects, or serious injury. For more information, reference the Aksel Specifications Sheet.

③ California Proposition 65 Warning

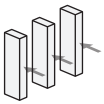
3.1 This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Don't eat this bracket. If you live outside of California, do whatever you want. For more boring information, visit www.p65warnings.ca.gov.

④ Certified Electrician Required For Install

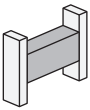
4.1 You must work with a certified electrician to install this product. Failure to do so may result in damaged or a non-functioning product, or even electrical fire. Shelfology cannot be held responsible for any electrical work done, or any damage done to you or your home due to improper electrical work attempted. Get an electrician!

Rad Tips

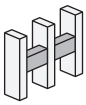
① Fasten Into All Studs & Blocking The Bracket Crosses



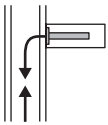
1.1 Studs are the vertical 2x4 boards that make up the bones of your walls. They provide solid structure for your shelves to attach to.



1.2 Blocking is typically added later between studs in the wall for additional support to mount shelves to, and is usually made from 2x4 or 2x6 lumber.



1.3 For a contractor grade install with best substrate strength, install blocking along the length of your bracket.

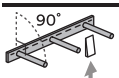


1.4 The wires of your Aksel LED shelf will need to be accessed by an electrician to connect power to your LED lights. Consult with a certified electrician before you complete the shelf install.

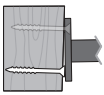
② Using Shims With Your Bracket



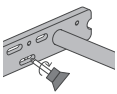
2.1 If your wall is not straight, use shims to ensure your bracket is installed straight across the wall face and square to the wall. The shelf slab and bracket will properly mate only if the bracket is straight and plum.



2.2 If your bracket continues to sag after correct install, use wood shims underneath the backbar to adjust front to back level.

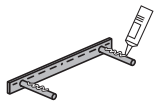


2.3 As another option, wall fasteners may be installed behind the bracket's bottom channels and used as adjustable shims. These should only be used in locations backed by a stud or blocking. Drywall anchors will not offer enough support once real force is applied. Once your bracket has been positioned on the wall, simply mark the lower slots with a pencil where they cross a stud or blocking, then remove your bracket and begin installing fasteners in the marked locations.



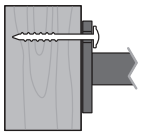
2.4 Once your bracket is reinstalled over the top of these fastener shims, use your drill to make small adjustments to how proud each fastener head rests.

③ Securing Slab With Silicone

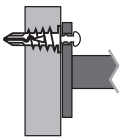


3.1 If your bracket has three or more rods, using silicone to secure slab to bracket is optional. However, if your bracket only has two rods, it is more critical that the slab is secured to brackets to prevent slippage when force is applied.

④ How To Choose Your Fastener Type



4.1 Truss Head: Use the supplied truss head style wood fasteners in areas that cross studs or blocking with holes and channels that are not countersunk.



4.2 Pan Head: For drywall or masonry, use the supplied pan head fasteners with the included drywall or masonry anchors.

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