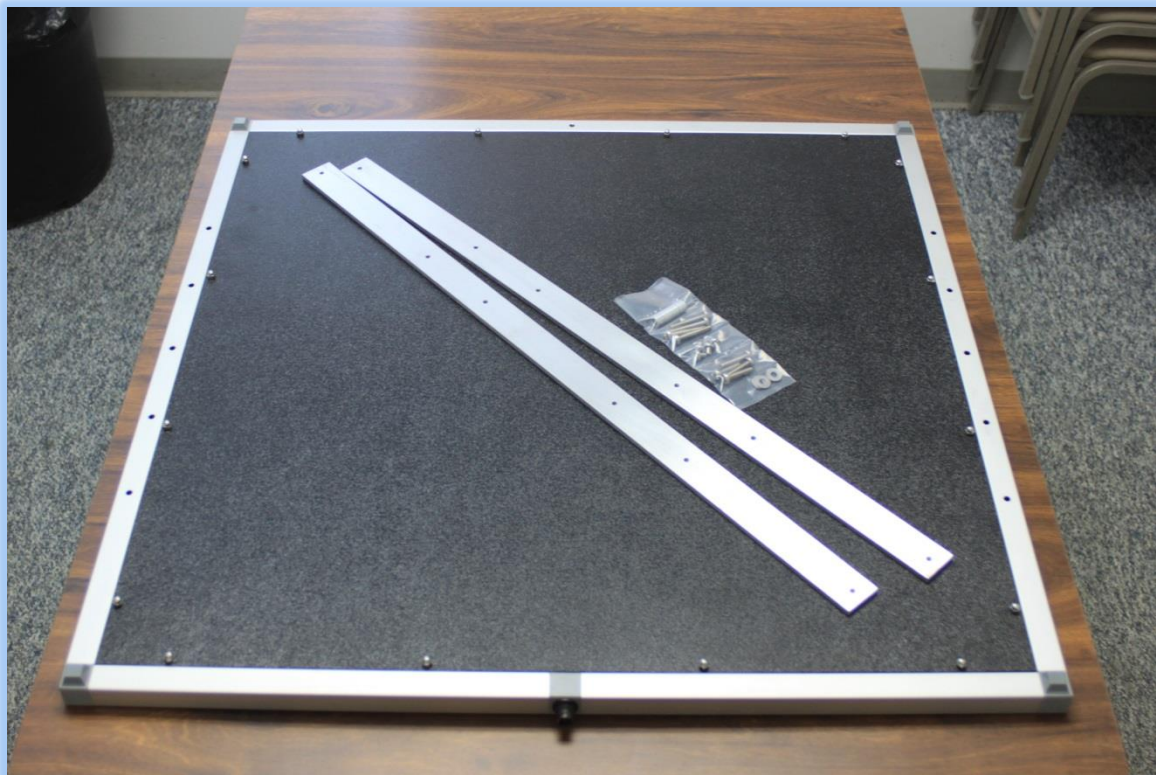




Alnitak XL VESA Mounting Kit

The VESA mounting kits for the Alnitak XL Flat-Fielding lamps provide an easy way to use most any television wall mount for attaching and positioning the larger XL lamps within an observatory setting.

The VESA kit consists of a pair of brackets with pre-threaded holes and hardware to conform to the VESA Flat Display Mounting Interface (FDMI) standard. Fixed, tilting, or articulated TV wall mounts conforming to the VESA 200x200mm or 400x400mm standards can be used. The TV Wall Mount must be purchased separately. Many designs and styles are available at retail locations throughout the world.

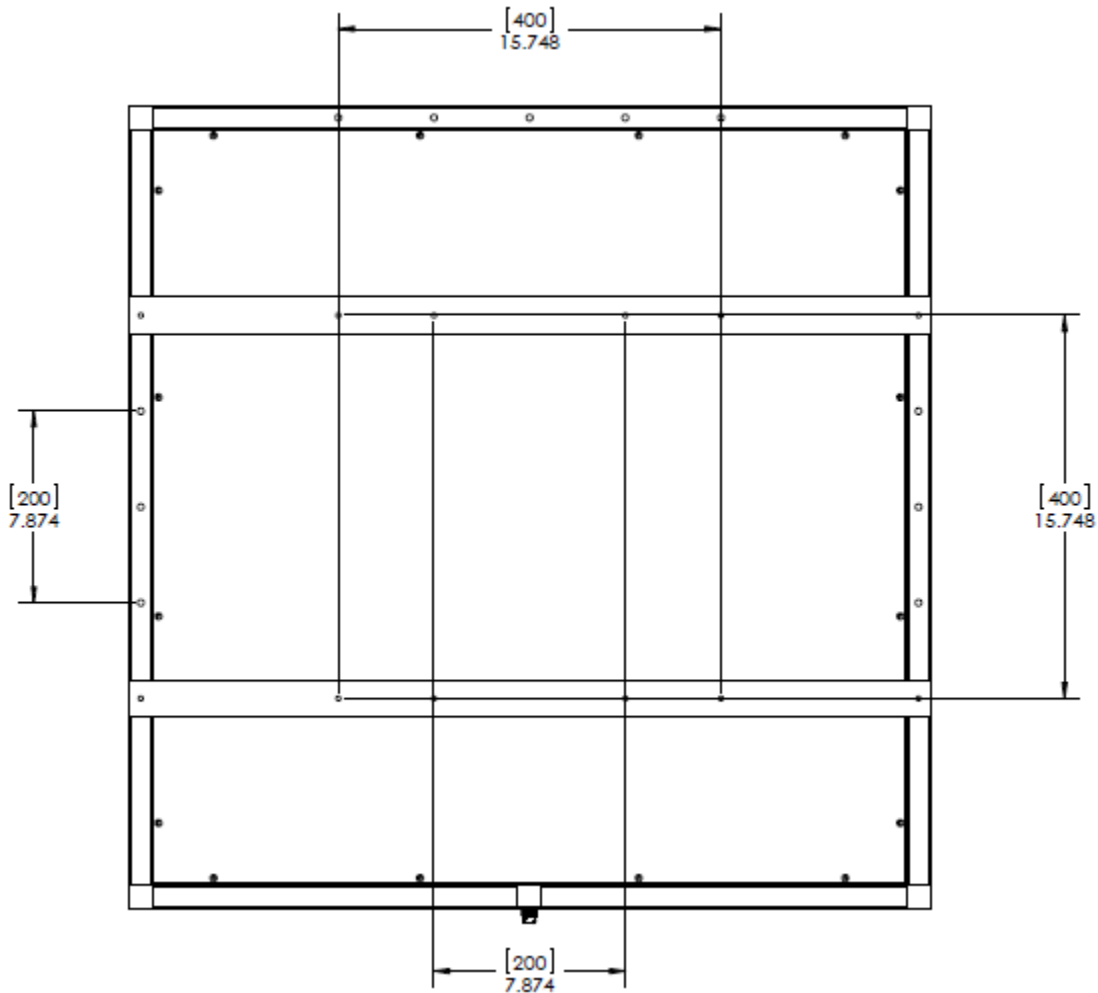


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Alnitak XL VESA Mounting Kit, Revision 1.



All Alnitak XL lamps manufactured after January 2014 have additional mounting holes on the left and right frame members spaced at 200 and 400mm. The aluminum bars included in the kits have M6 threaded holes and can be mounted to the frames using the two outermost holes (400x400mm) or the two inner holes (200x200mm).



If your XL lamp is an older version with only one mounting hole on the left and right frame sections, you will need to drill two 6mm clearance holes on each side, spaced at 200mm or 400mm. Use a vacuum to clean up any chips that may be lodged inside the frame. Generally, it is best to avoid the acorn nuts whenever possible.



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Installation Steps.

1. Place the XL lamp down on a large work surface with the illuminated side down. Determine which VESA standard will be used to match your TV Wall Mount. For the 200x200mm bolt pattern, locate the two inner holes as shown below.



2. Assuming you have a newer XL frame, you can use the M6x25mm long bolts to attach the bars directly against the XL panel back. Use a flat and lock washer under each Philips head screw and thread directly into the ends of each bar. If there are acorn nuts present in the area of the mounting holes, skip down to Step 3.



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3. **(NOTE: Skip this step if the horizontal mounting bars can be flush-mounted against the XL frame. Flush mounting is more secure and preferred.)**

If there are acorn nuts that will prevent the bars from mounting flat against the back-panel, you must use the 10mm tall aluminum standoffs and M6x40mm long bolts to clear the acorn nuts. See photo below.



4. Attach both bars securely against the back-panel by tightening the Phillips head screws on the front of the lamp.
5. Next locate the vertical mounting brackets included with your TV Wall Mount kit (sold separately). Read all instructions included with the TV Wall Mount kit to ensure a safe and secure mounting.



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6. Position the vertical brackets at the 200x200 holes (shown below) or the wider 400x400 holes if using the larger VESA standard.



7. Use the short M6x8mm screws to fasten each vertical bracket securely to the XL VESA Mounting Kit horizontal bars and tighten securely. Use the included lock washers under each Phillips head screw and tighten firmly.
8. Fasten the TV Wall Mount frame to the observatory wall following all instructions and cautions included with the package. When securely attached to the wall, lift the XL panel and lock into place on the wall mount.

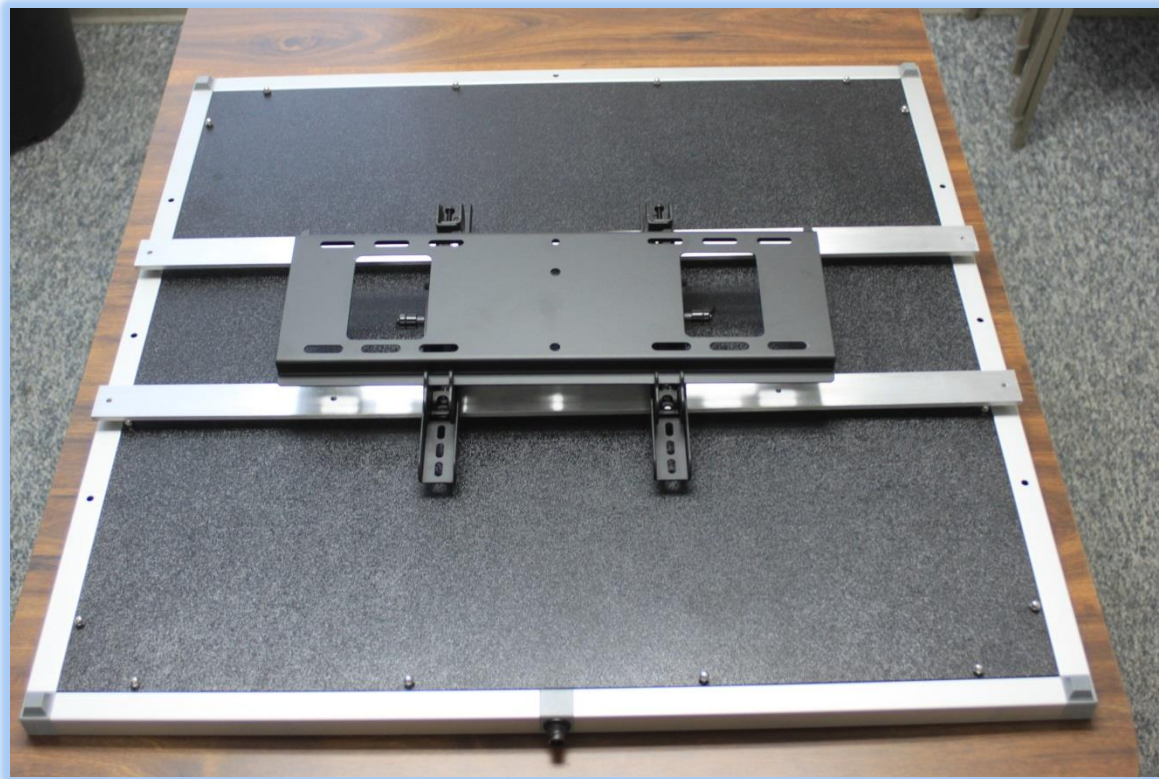


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Contact Optec with any questions or concerns or to replace any missing hardware.



Fully assembled XL VESA mounting kit shown with tilting TV wall mount.



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