

elumen8

Stabilize T1

User Manual



Order code: BRAC040

WARNING

FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE USING THIS PRODUCT.



- Before your initial start-up, please make sure that there is no damage caused during transportation.
- Should there be any damage, consult your dealer and do not use the equipment.
- To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.
- Please note that damages caused by user modifications to this equipment are not subject to warranty.

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorised modification to the equipment.

INCORRECT INSTALLATION CAN CAUSE SERIOUS INJURY/DAMAGE.

- Never remove warning or informative labels from the product.
- Do not modify the product.
- This product may ONLY be installed by skilled persons who have had prior training and experience and are able to identify risks and avoid hazards.
- During installation and de-installation, skilled persons MUST wear PPE (personal protective equipment) in compliance with site or national regulations.
- Do not exceed the WLL (working load limit) as indicated on the product and in this manual.
- When this product is used with other accessories, ensure the WLL of each part is not exceeded.

INSPECT THE PRODUCT BEFORE & AFTER EACH USE

- Do not use this product if the product or parts of the product show signs of damage/excessive wear.
- Examine this bracket before and after each use for any visual defects. If a fault is found, mark the bracket and remove it from service straight away.
- The bracket should be examined for damage, cracks and corrosion, the welds should also be inspected for signs of cracks and corrosion.
- The endless ratchet strap should be examined for signs of wear. Do not use the endless ratchet straps if there are tears, cuts, nicks, and breaks in the webbing and stitches.
- Examine the ratchet strap for any deformations, splits, signs of wear.

OPERATING DETERMINATIONS

- If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void.
- Do not endanger your own safety and the safety of others!
- This product is intended for professional use, incorrect installation or use can cause serious damage to people and/or property.
- Do not use this product on upright structures different from those detailed in this manual.
- Do not modify the product, this will render the warranty void.
- Use this product in environments with an ambient temperature of between - 40° C and 100° C

RATCHET STRAP SAFETY

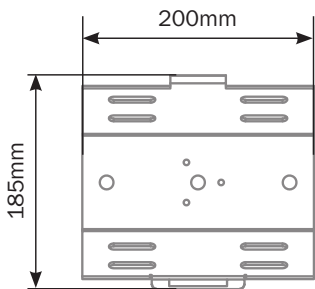
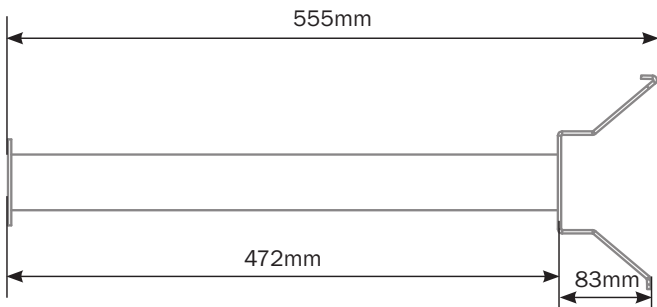
- Do not use the endless ratchet straps supplied for lifting, suspending, or towing.
- Do not use the endless ratchet straps supplied when knotted.
- Never join an endless ratchet strap with a knot.
- Only use endless ratchet straps with clear WLL and markings.

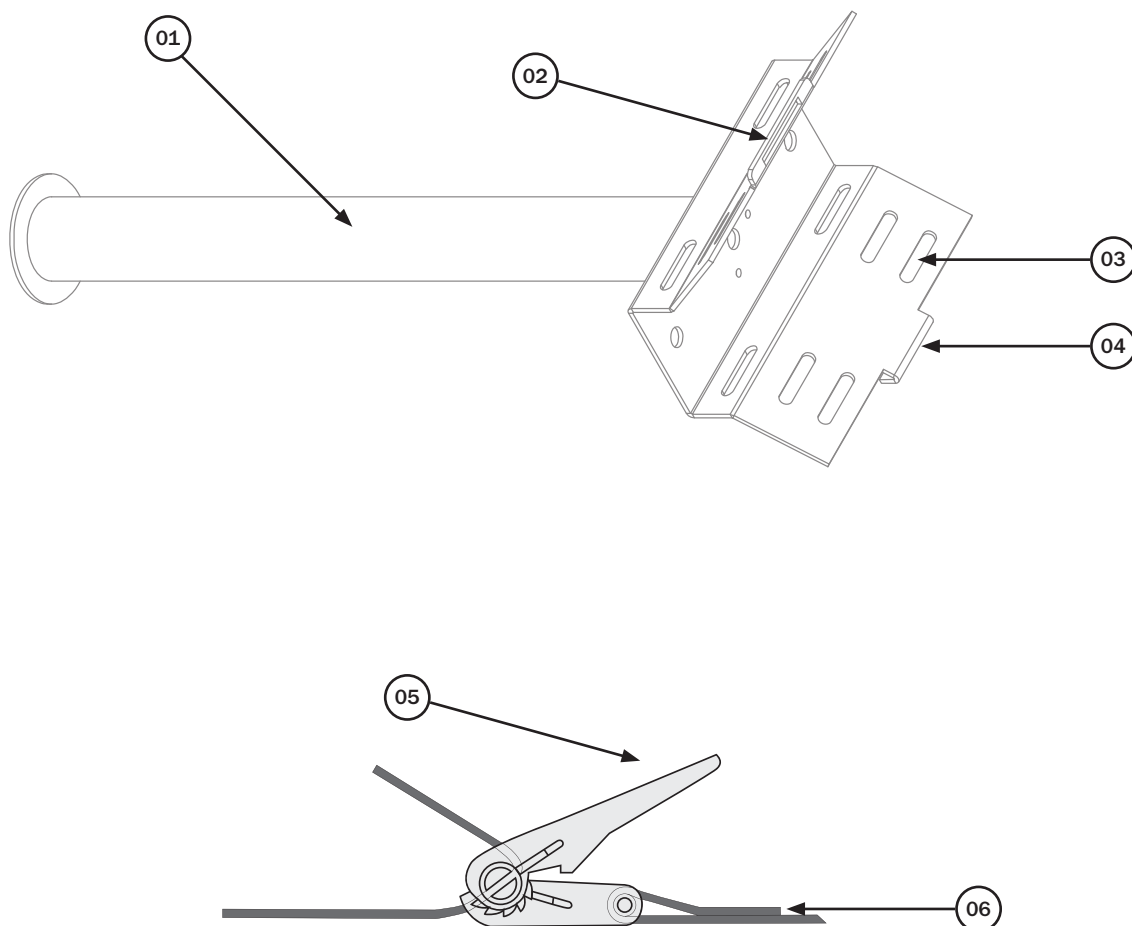
Stabilize T1

The Elumen8 Stabilize T1 is a robust tree and pole mounting bracket designed for secure rigging of lighting fixtures in challenging environments. Featuring an arm length of 474mm and a tube diameter of 50mm, this heavy-duty bracket supports most 48–51mm clamps and couplers, and loads of up to 55kg can be mounted. Ideal for outdoor events, festivals, and installations, the Stabilize T1 is supplied with two 2m endless ratchet straps for quick and easy installation around poles, columns, or trees and includes side hooks for connecting multiple brackets.

- Manufactured from Galvanised Steel
- Black powder coated finish
- Includes 2 x 2m endless ratchet straps
- Side hooks for connecting multiple brackets
- Suitable for poles, columns, trees, and upright structures

Specifications	Stabilize T1
WLL (kg)	55kg
Arm length	474mm
Tube diameter	50mm
Coupler	48-51mm
Material	Galvanised Steel
Finish	Black powder coating
Ambient Temperature	- 40° C to 100° C
Dimensions (H x W x D)	200 x 555 x 185mm
Weight (bracket only)	2.25kg
Fixing type	Endless ratchet strap
Fixing capacity (LC)	500daN
Webbing material	PES
Endless ratchet strap length	2m
Max. elongation	7%
Order code	BRAC040





01 - Tube

02 - Connection slot

03 - Strap slot

04 - Connection hook

05 - Ratchet

06 - Ratchet strap

In the box:

**1 x Stabilize T1,
2 x Endless ratchet
straps**

Please note: It is possible to use alternative endless ratchet straps than the ones supplied.

Before doing so please ensure:

- They have a lashing capacity (LC) equal to or greater than the ones supplied with this product.
- They are made of the same material as the ratchet straps supplied.

Installation:

Before installing the bracket, the supporting structure (ie. tree or pole) must be able to hold a minimum of 10 times the weight of the Stabilize combined with the weight of items suspended from the Stabilize without any deformation (eg. 15kg – 150kg point load). Dynamic loads such as moving heads must be considered when identifying if this bracket is suitable for the installation. The bracket must be installed with both ratchet straps provided and not just one. This bracket may **ONLY** be installed by skilled persons who have had prior training and experience and are able to identify risks and avoid hazards.

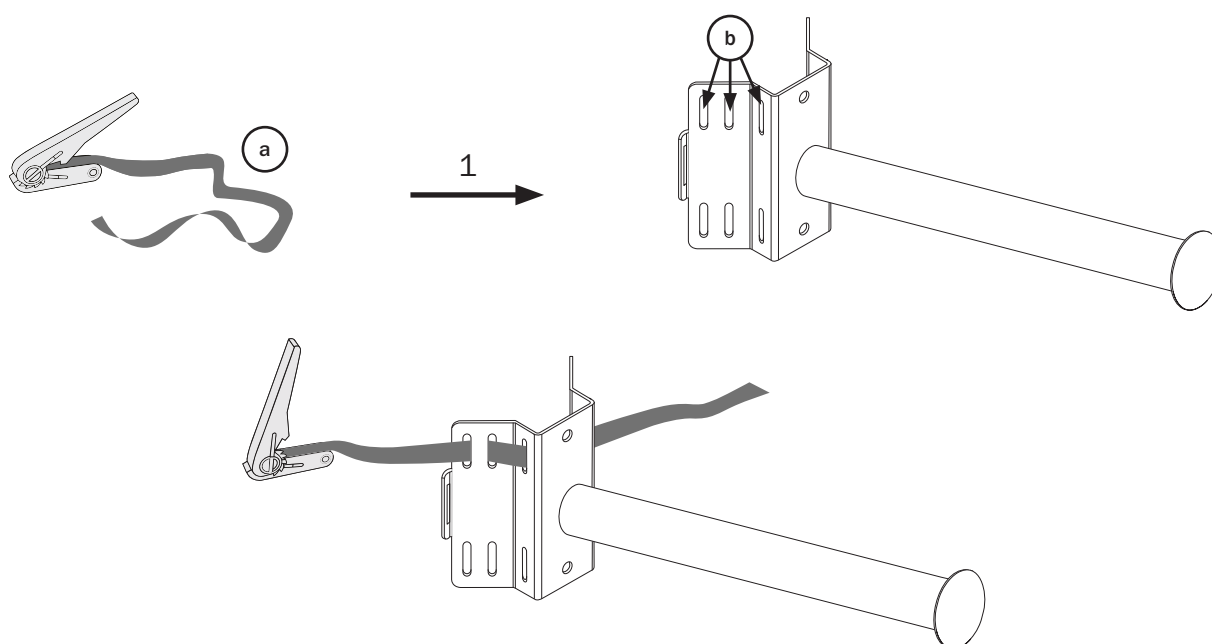
During installation and de-installation, skilled persons **MUST** wear PPE (personal protective equipment) in compliance with site or national regulations. A minimum of 2 people are required to install this bracket. Never stand directly below the product when mounting, removing, and/or servicing.

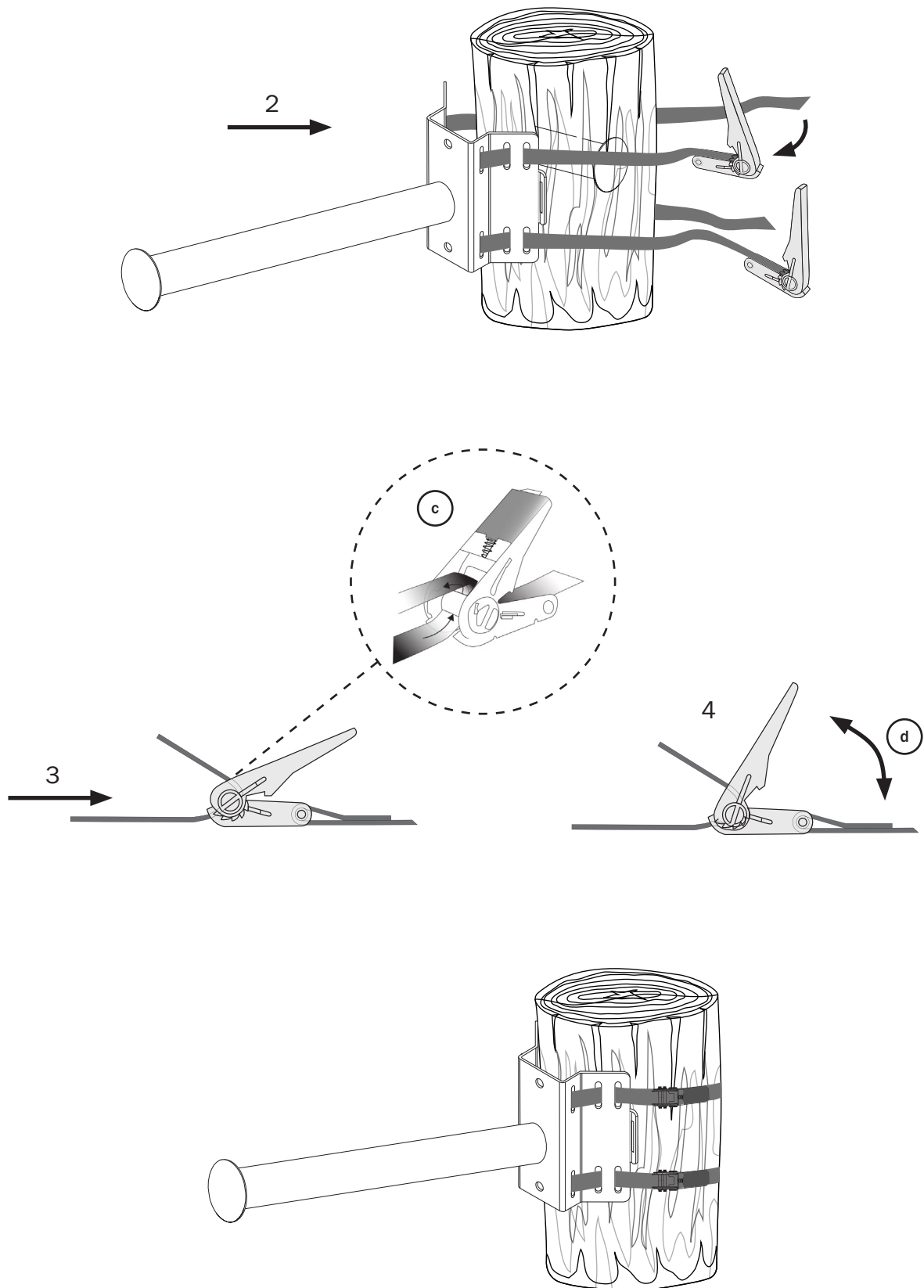
Do not use mechanical aids to tension the straps unless already part of the bracket as supplied.

This bracket can be installed on upright structures including columns, pillars, poles, and trees.

To mount the bracket please follow the below instructions:

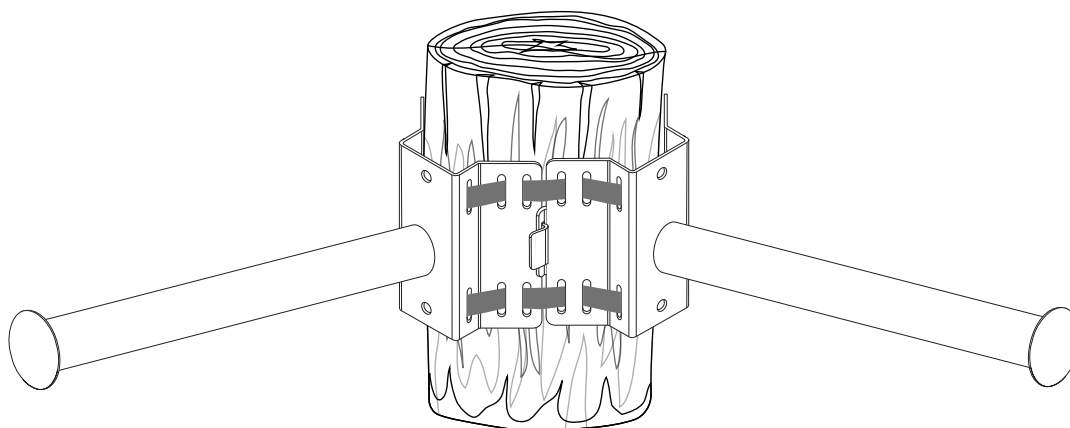
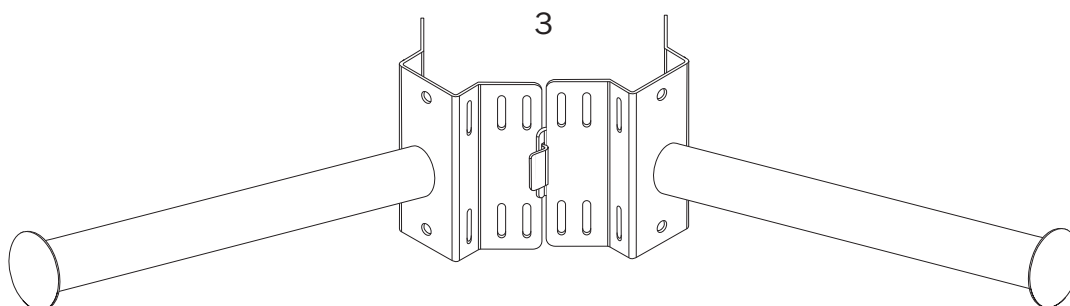
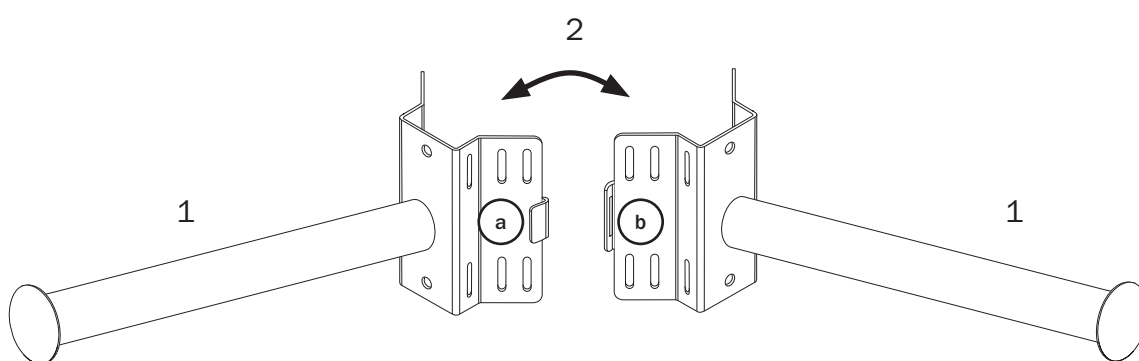
1. Thread the straps (a) of the endless ratchet straps supplied with the bracket through the slots (b) in the bracket ensuring the straps are not twisted.
2. Put the bracket against the upright structure or tree at the height you wish to mount it.
3. Thread the open ends of the straps through the ratchets (c) and pull the excess strap through.
4. Once all the excess is pulled through repeatedly open and close the ratchets (d) to tighten. Ensure the straps are tensioned enough but not exceeding specifications.





Multiple brackets can be joined together. When multiple bracket are joined the combined maximum working load must not exceed 55kg. To connect multiple bracket please follow the below instructions:

1. Make sure there is nothing mounted to the tubes of the bracket.
2. Align two brackets next to each other.
3. Insert the connection hook (a) of the first device into the connection slot (b) of the second.
4. Repeat steps 2 and 3 to connect more brackets if necessary.
5. Now follow the instructions on page 5 to install the brackets.



Mounting Fixtures on the Bracket:

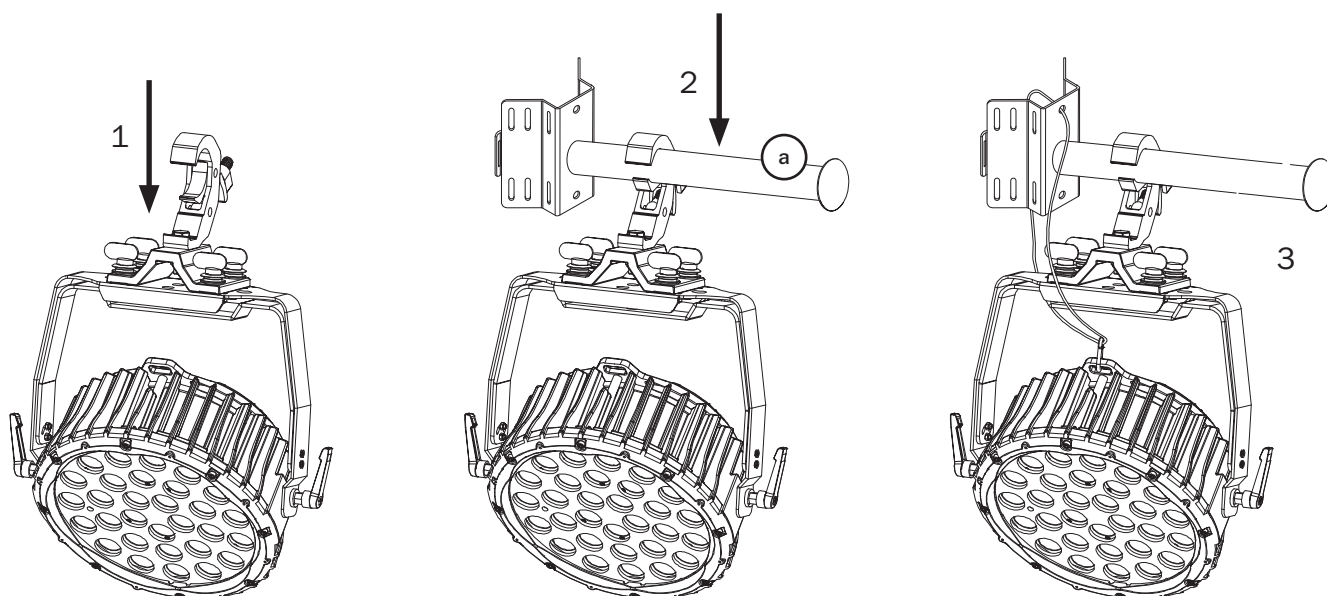
Fixtures such as moving heads or pars can be mounted onto the bracket with a clamp.

Always ensure the fixtures being mounted do not exceed the WLL and the upright structure can support the combined weight of the bracket and fixture being mounted on the bracket.

Dynamic loads such as moving heads must be considered when identifying if this bracket is suitable for the installation.

To mount a fixture to the bracket please follow the below instructions:

1. Attach a clamp to the fixture you are wanting to mount.
2. Attach the clamp of the fixture to the tube (a), ensuring the clamp is securely fastened and cannot move freely.
3. You must always secure the fixture to the bracket with a secondary suspension (ie. safety wire).
Always ensure the safety wire can support 10 times the weight of the fixture.



To unmount the bracket please follow the below instructions:

Please note: A minimum of 2 people are required to uninstall this bracket.

1. Remove any fixture clamped to the tube of the bracket, and secondary suspension.
2. Slightly open one of the ratchets and pull on the spring loaded clip to loosen the strap.
3. Remove the strap from the ratchet.
4. Repeat steps 2 and 3 for the second strap.
5. Remove the bracket from the upright structure.
6. Remove the endless ratchet straps from the bracket.

