



# LIGHT MOVER

Part # 980120 / 980240 / 980277  
PATENT PENDING

## INSTALLATION INSTRUCTIONS

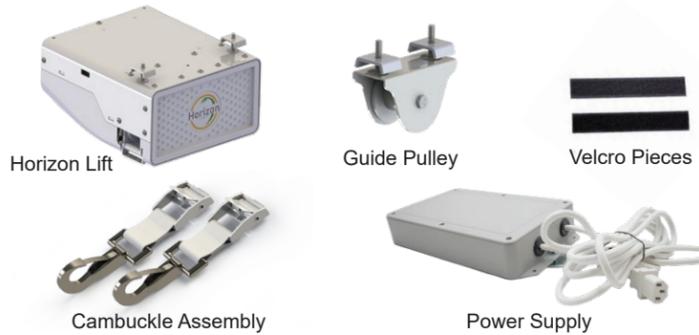
**Congratulations** on your purchase of a state of the art Horizon Lift! To ensure that you get the most out of your Horizon Lift, please read these instructions completely and carefully **BEFORE** installing or operating your system.

### TOOLS REQUIRED:

- Phillips Screwdriver, #3 size
- Ladder
- Wrenches
- Tape Measure
- Power Drill

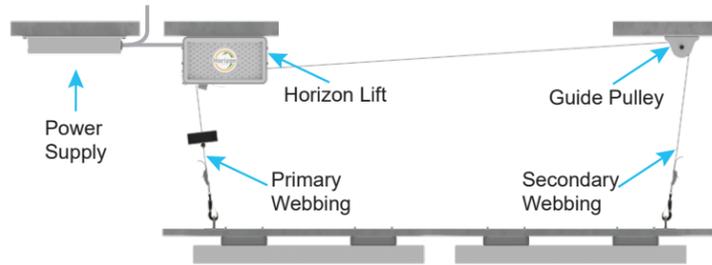
### HORIZON LIFT CONTENTS:

- 1 ea. Horizon Lift
- 1 ea. Power Cord
- 1 ea. Guide Pulley
- 2 ea. Cambuckle Assembly
- 2 ea. Velcro Pieces



### ADDITIONAL PARTS THAT MAY BE REQUIRED (ALL SOLD SEPARATELY):

- Strut Bar for Ceiling
- Strut Bar for Lights
- Eyebolts or D-Rings



## PRIOR TO INSTALLATION

- Download the Horizon Lift APP onto a mobile device that will be used to operate the Horizon Lift. Follow the Horizon Lift APP instructions for operation.

The Horizon Lift APP is available for both iOS and Android systems.



- Open and carefully remove the Horizon Lift unit. Be sure to grab the lift by the metal base frame. Place the Horizon Lift on it's side to avoid pressure on the mounting retainers.
- Locate and push on the safety switch lever to make sure that the lever is springing back when pushed.



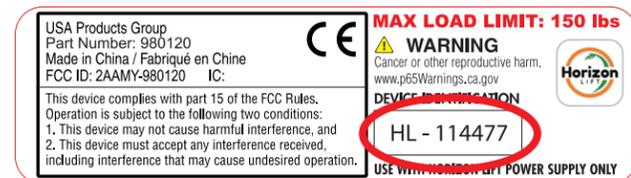
- All Horizon Lift power supplies are preset to 110v unless special ordered as 240v or 277v version of the lift. Prior to install, please make sure your power supply is set for your correct electrical output.



Input Voltage selector switch

- Before installing the lift, it is best to sync up and/or rename your lift on your mobile device. To do this, plug the power supply into an outlet and plug the other end into the back of the lift. Locate the sticker on the back of the Horizon Lift to obtain the device ID code. Example: #HL-114477. Use the device ID code to sync and/or rename the lift on the mobile device. **Refer to the Horizon Lift APP instructions.**

If you renamed your lift, write the new name and # on the blank labels provided and stick the label on a part of the lift that will be visible after install. New label name example: **Rm1 Lift 1**. After renaming and syncing the system, unplug the power cord from the back of the Horizon Lift unit, as well as from wall or ceiling power outlet.



## INSTALLATION

**WARNING:** It is the user's responsibility to ensure that the ceiling, overhead support stud or structure used for mounting, is of adequate strength to hold the weight of the lift system and grow lights that will be installed.

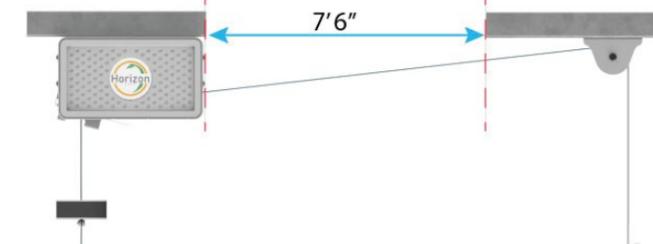


**NOTE:** The Horizon Lift - Light Mover is designed to be installed to a strut bar. If your existing overhead support location does not have a strut section or bar, you will need to purchase and install prior to attaching the Horizon Lift.

It is recommended for one Horizon Lift: one piece of strut bar at 10 ft. in length or three pieces of strut bar at a minimum length of 12 inches.

- You will need to install the strut bar to your overhead ceiling using the appropriate hardware. If using pieces of strut bar, please make sure that the distance between the strut for lift and pulley are at least 7ft 6in. A third strut bar piece can be installed next to the Lift unit strut for mounting the power supply.

**WARNING:** Make sure the strut sections are aligned straight on the centerline and securely fastened to a stud or overhead structure.



- Now slide the mounting retainers on the Horizon Lift unit into the strut track.



- Slide the mounting retainers for the guide pulley into the strut track.



- Slide the mounting retainers for the power supply into the strut track.

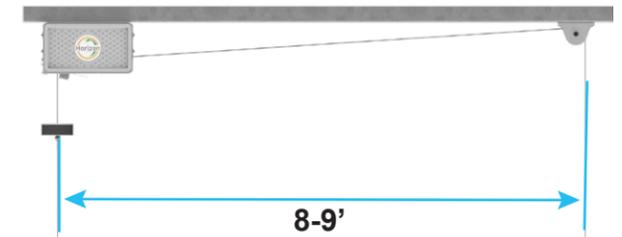


- Unwind the webbing and feed the secondary webbing through the guide pulley.

**NOTE:** It is critical that the webbing lay flat on the pulley with no twist in the webbing.



- After feeding the webbing through the guide pulley, measure the distance between the two webbing sections. The distance between the two webbing sections should be a minimum of 8ft to a maximum of 9ft.



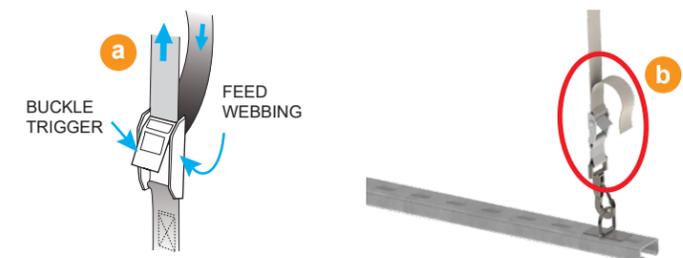
**NOTE:** If you require a wider span than 9ft, please contact us to get further support on installation.

- Once the distance is confirmed, finish tightening all bolts on the mounting retainers for the guide pulley, power supply, and the Horizon Lift making sure all are securely fastened.
- Reconnect the power cord to the Horizon Lift unit and your power source outlet.
- You are now ready to attach the strut bar for hanging your lights.

## ATTACHING A STRUT BAR TO HANG LIGHTS

To attach a strut bar to hang your lights, you will need a 10ft strut bar and 2 ea. attachment points, either eyebolts or D-Rings and related hardware. These are sold separately.

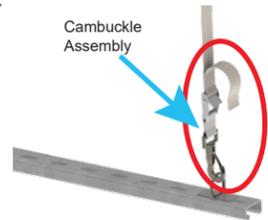
- Lay out a strut bar under the area where the webbing is hanging down.
- Feed the webbing through the bottom of the cambuckle and out under the buckle trigger (a). The excess webbing should be facing the outside of the buckle assembly by the buckle trigger (b).



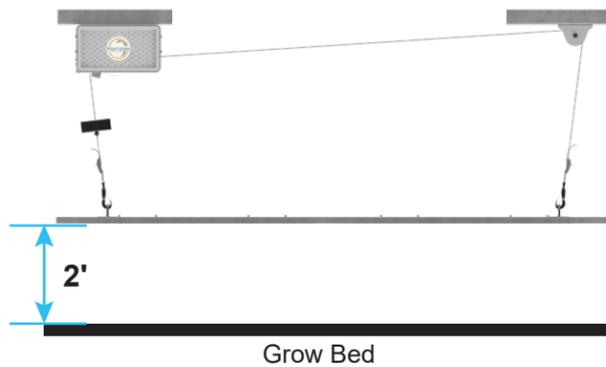
- 3 Measure 2-3 inches in from where the webbing is hanging down in a straight line and install attachment point hardware (eyebolt, D-Ring) on the strut bar that will hold the lights.



- 4 Attach the hooks to eyebolts or D-Rings, making sure that there are no twists in webbing and that the excess webbing from the strap is hanging toward the outside of the light bar.



- 5 Pull the webbing through the cam buckle until the light bar is 2ft up from the grow bed.



- 6 Wind excess webbing and secure with velcro strips.

- 7 You are now ready to operate and test your lift before adding lights to your bar.

**WARNING: DO NOT Press the down button first.** The webbing is preset to retain 1 ft of webbing on spools (a red indicator line can be seen on the webbing). **DO NOT** allow this to move out from the lift.

- 8 Cycle the lift through its range at least three cycles to verify the lift is installed correctly. Press the **UP** button to lift the bar until the safety stop switch is activated. then press the **DOWN** button to lower the bar to the lowest point above your plants. Refer to the Horizon Lift App instructions for operation.

While testing, if one side of the lift gets higher or lower than the other, you can select a single side to control for re-leveling the light bar. Make sure when you're done adjusting, you click back to control both sides of the lift. Once you have successfully tested your lift, you are ready to attach lights to the bar and operate.



## TROUBLESHOOTING

**If the Horizon Lift is NOT responding, read below:** Check to make sure you are within range. The wireless range for any Horizon Lift operation is 30 feet.

First, look at the lift you are trying to operate. If you see a green light that is illuminated and blinking every few seconds, then you are connected to it. If you **DO NOT** see the illuminated and blinking light, **DO NOT** try to lift or lower the lift. You may be synced up and operating a lift in a different location (within the 30ft range). Deselect the selected "Station" within the app until you see the green light illuminated on the Lift you wish to operate.

Next, it is possible to have more than 1 mobile device synced up to the same Horizon Lift. But, **ONLY ONE** of these devices can operate the lift at one time. Therefore if another user is in active "in use" mode then you can not operate the lift. You will be synced up but unable to operate. To gain access for you to operate the lift, the other user must deselect from active "in use" or move out of the 30 ft range.

**If further assistance is needed - Please Contact 1-800-334-3294 or visit [www.HorizonLift.com](http://www.HorizonLift.com)**

## WARRANTY

The use and attachment of this product is beyond the control of USA Products Group. USA Products Group warrants this product to be free from defects in materials and/or workmanship for up to 1 year after the date of purchase. Proof of purchase is required to obtain warranty coverage. The liability of this product is limited to the replacement cost of this product should it be found to be defective in material or workmanship. This warranty does not cover normal wear and tear, unreasonable or excessive use, improper installation, damage and / or any alterations of this product. Warranty is void if the lift hardware or webbing is damaged, cut, worn or used improperly.

USA Products Group does not make any claim or warranty beyond the function and operation of its products with respect to any individual grow operation. USA Products Group does not assume any liability or responsibility for any crop damage or other condition which would affect the plants/crop. Buyer assumes the sole risk of the use, monitoring of light levels, leaf temperature and results to prevent crop damage.

### FCC Caution:

The manufacturer is not responsible for radio interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate this equipment. FCC/ 47CFR15.21

Class B digital device

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- FCC/47CFR15.105

### Industry Canada:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### ⚠ WARNING

This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information, go to [www.p65Warnings.ca.gov](http://www.p65Warnings.ca.gov)

YOU CAN FIND US ON:



SEE OUR INSTALLATION VIDEO HERE:



Designed and Developed in U.S.A  
Made in China  
For USA Products Group  
Lodi, California 95240