

Assembly Instructions

ProcyonPRO4X

Happy Leaf 4-Light Procyon Grow System



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1. To The Owner

Thank you for purchasing the Happy Leaf 4-Light Procyon Grow System with 4 highly efficient ProcyonPRO LED grow lights. It is a powerhouse LED grow light in a sleek design that helps produce high yields and healthy plants through flowering stage. The ProcyonPRO4X is available in 33" only and delivers an even distribution of PAR energy for the most demanding plant growth requirements.

The ProcyonPRO lights has been evaluated at Purdue University, have been tested in the field in commercial settings with great results. They feature:

- 120° Beam Angle
- Industry-leading combination of red/blue/green/white LEDs for maximum plant growth efficiency
- Impressive experience for the human-eye – the ubiquitous “purple” or “pink” cast commonly associated with grow lights is all but eliminated.
- Designed and manufactured in the USA.
- 5 Year Warranty

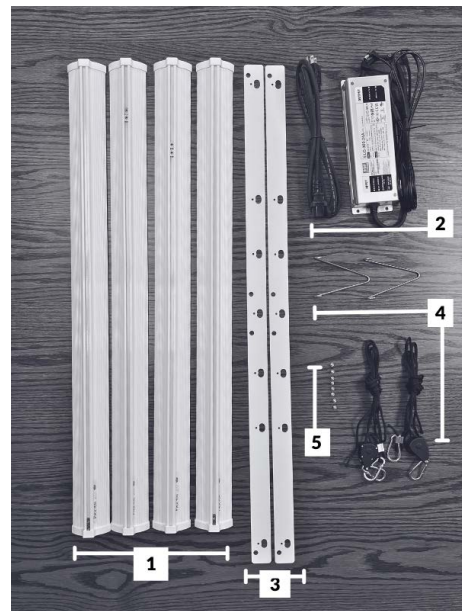
2. Assembly & Setup

Tools Required

- Philips screwdriver

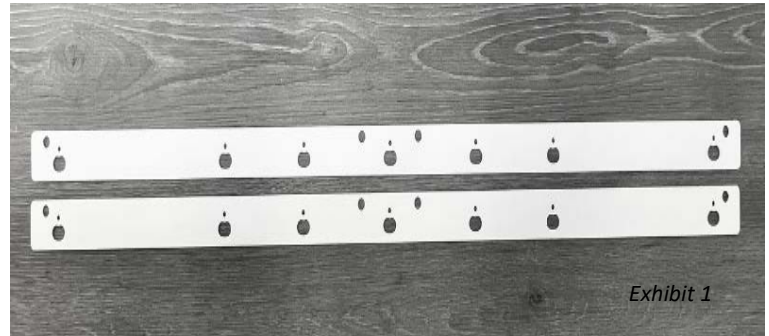
Contents

1. (4x) of the Procyon PRO Lights with the end caps installed
2. A 300 Watt Meanwell 24 VDC power supply with 4 barrel connector cables on one end and a 120 VAC power cord
3. Two of the steel end rails with holes for up to seven lights
4. A set of V hooks and ratcheting hangers
5. (8x) ¼ inch long 6-32 screws

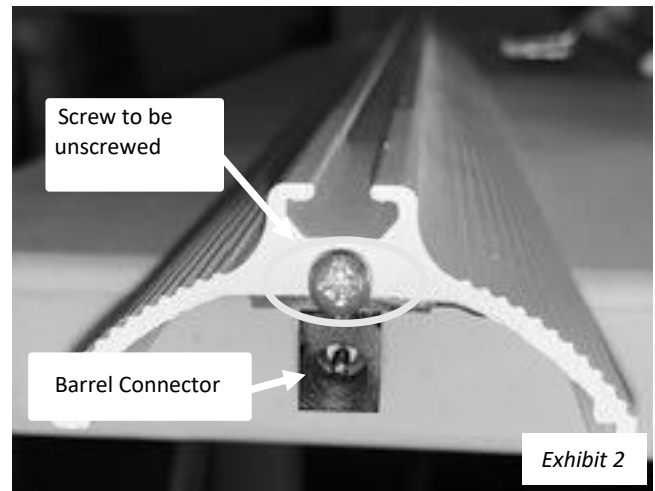


Assembly

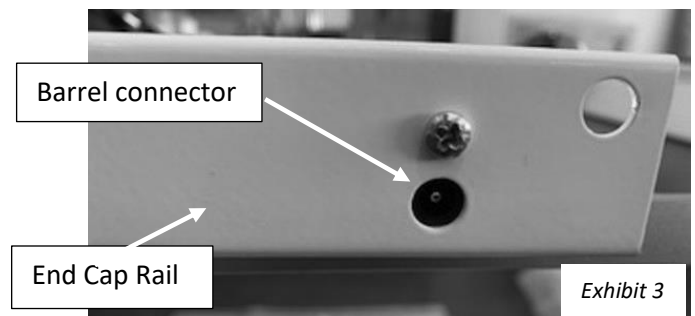
1. Locate the two **end cap rails** (will hold the four lights together). (See *exhibit 1*)



2. Place the 4 lights next to each other on a level surface, ideally on a table for ease of assembly. All barrel connectors should be facing you. Space them about 9 inches apart. (See *exhibit 2*)
3. Remove the screw from each end of the lights and place them in a secure spot for later use. These will be used to fasten the lights to the end cap rails. (See *exhibit 2*)

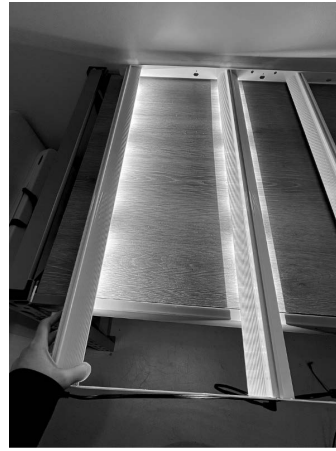


4. Place the end cap rail with the holes (8mm) for the barrel connector over the end of the lights that are facing you.
5. Using the provided ¼ inch long stainless steel screws, take one of the steel end rails and line up the screw holes in the rail with the screw hole that you had recently removed the screw from and hand screw the four screws into the four lights. The four lights should be assembled into the two out sets of holes and the pair of holes just outside of the center hole in the rail. See the attached figure. Do not tighten these screws fully. (See *exhibit 3*)



6. Do the same thing on the opposite side of the lights with the other steel rail and screws.

7. The lights can be individually turned into the direction you choose by rotating the lights in the “kidney bean” shaped opening. You may want to start with the lights facing fully down but later make the adjustment for your application by loosening the screws and moving the light into position before tightening the screw again.



8. Using the screwdriver, hand tighten all 8 of the screws holding the lights.

9. Place the V hooks into the openings in the steel rail near the center of the rails and using the ratcheting system hang the light bar system in your designed locations.



10. Plug the 120 VAC cable into the adapter on the 300 Watt Meanwell power supply and plug it into the wall.



11. Plug the four barrel connector cables into each of the four lights in your light rail system. They should all light up when you plug the power cord into them. **Do not look directly into the light when you plug them in.**

