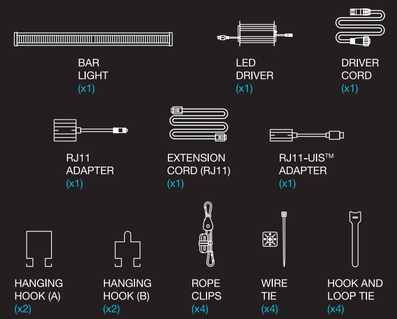
Safety Warnings

READ AND SAVE ALL INSTRUCTIONS BEFORE INSTALLING AND USING THIS PRODUCT. TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Read all instructions before installing and using this product.
2. Ensure your power source conforms to the electrical requirements of this product.
3. Check your local code restrictions for additional safety measures that may be needed for a proper code-compliant installation.
4. If you are unfamiliar or have doubts about performing this product's installation, seek the services of a qualified, trained, and licensed professional. Inappropriate installation will void this product's warranty.
5. Do not attempt to hardwire this product. Performing any retrofitting actions may result in personal injury and/or electrical damage and will void this product's warranty.
6. This product must not be used in potentially hazardous locations such as flammable, explosive, chemical-laden, or wet atmospheres.
7. Do not cover power cords with rugs or other fabric materials.
8. Safety precautions should be exercised during the installation, operation, and maintenance of this product.
9. Do not block or tamper with this product in any manner while it is in operation as it may cause electric shock, fire, or damage to this product.
10. Do not depend on the on/off programming as the sole means of shutting power from this product. Unplug the power cord before installing, servicing, or moving this product.
11. Do not operate this product if it malfunctions, has been dropped, or is damaged in any manner. Do not operate this product if its cord malfunctions or is damaged in any manner. Contact our customer service for support.
12. Do not attempt to repair or modify the LED light bars yourself. All service and/or repairs must be done by an authorized technician and/or electrician.
13. Do not stare directly at the LEDs. Intense light exposure can damage your eyes and compromise your eyesight. Wear appropriate eye protection when working near this product.
14. Ensure the fixture is mounted or suspended securely according to the installation instructions. Improper mounting may result in the fixture falling and causing injury or damage.
15. While this product is IP67-rated, avoid prolonged submersion in water or direct exposure to high-pressure water streams. Ensure all connections are kept dry and comply with installation instructions.
16. This product complies with the essential requirements of Directive 2014/30/EU (EMC) and Directive 2014/35/EU (Low Voltage).

Manufacturer: AC Infinity Inc., 21880 Baker Parkway, City of Industry, CA 91789 USA EU
Representative: THEMIS AR Unterstützung UG (haftungsbeschränkt), Beedstrasse 54, 40468 Düsseldorf, Germany, legal@themisar.com
EU Conformity: CE / RoHS / WEEE

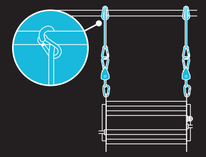
Product Contents



Overhead Hanging
Driver

HANGING THE DRIVER
Loop two rope clip hangers around your grow tent's support beams.

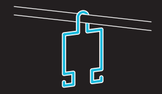
Hook the carabiners into the holes at the ends of the driver.



Overhead Hanging
Steel Hooks

STEP 1
Hang the steel hooks over your grow tent's support beams.

Use hanging hooks A with industrial beams. Use hanging hooks B with grow tent support beams.



STEP 2
While supporting your bar light, bend the steel hooks to insert the ends into the slots located at the top of your bar light.

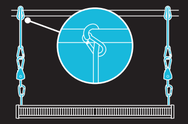
Repeat this step on the other side of your bar light.

Overhead Hanging
Rope Clips

STEP 1
Bend the steel hooks to insert the ends into the slots located at the top of your bar light.

STEP 2
Loop two rope clip hangers around your grow tent's support beams.

Hook the carabiners into the steel hooks.

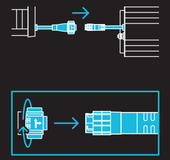


Powering and Setup
No Controller

STEP 1
Connect your bar light's male connector to the driver's female connector.

You may use the included driver extension cord to place your driver further away from your bar light.

To disconnect the driver from your bar light, twist the lock and pull the connectors from each other.



STEP 2
Plug the driver's power cord into an AC power outlet to power your bar light.

Powering and Setup
AC Infinity Controller*

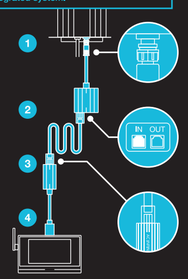
Ionframe A7 bar lights can connect to select smart controllers as part of an integrated system.

STEP 1
Connect the driver's male connector to the RJ11 adapter's driver port.

STEP 2
Connect the RJ11 extension cord to the RJ11 adapter's IN port.

STEP 3
Connect the other end of the RJ11 extension cord to the RJ11-UIS adapter's RJ11 port.

STEP 4
Connect the RJ11-UIS adapter's connector to a device port of your AC Infinity smart controller.



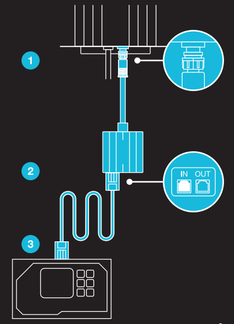
*Not included

Powering and Setup
RJ11 Controller*

STEP 1
Connect the driver's male connector to the RJ11 adapter's driver port.

STEP 2
Connect the RJ11 extension cord to the RJ11 adapter's IN port.

STEP 3
Connect the other end of the RJ11 extension cord to the RJ11 device port of your controller.

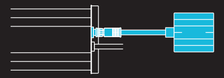


*Not included

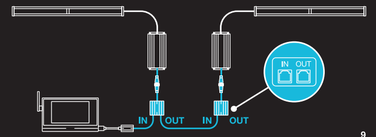
Adding More Lights

DAISY-CHAINING
You may use the included RJ11 adapter to connect another Ionframe A7 bar light to your grow light system. All grow lights chained together must be from the same series.

STEP 1
Connect the driver's male connector to the RJ11 adapter's driver port.



STEP 2
Plug the RJ11 extension cord into the RJ11 adapter's OUT port. Plug the other end of the extension cord into the IN port of your other bar light's RJ11 adapter.

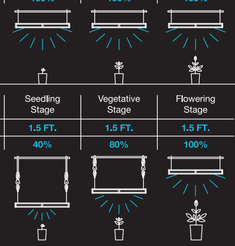


Starter Guide

The following suggested mounting heights and light intensities will vary based on the plant you are growing.

STATIC PLACEMENT	Seedling Stage	Vegetative Stage	Flowering Stage
Height	Peak	Peak	Peak
Intensity	100%	100%	100%

DYNAMIC PLACEMENT	Seedling Stage	Vegetative Stage	Flowering Stage
Height*	1.5 FT.	1.5 FT.	1.5 FT.
Intensity	40%	80%	100%



*Distance from the canopy (tip of the plant)

More Information

Programming

Visit our website at www.acinfinity.com for more information on how to program your Ionframe A7 with our selection of smart controllers.

Warranty

Our warranty program is our commitment to you, the original customer, that the Ionframe A7 sold by AC Infinity Inc. will be free from defects for FIVE YEARS from the date of purchase. If you have any issues with this product, contact us and we'll happily resolve your problem or issue a full refund!

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Ionframe A7

Quick Start Guide

AC INFINITY