

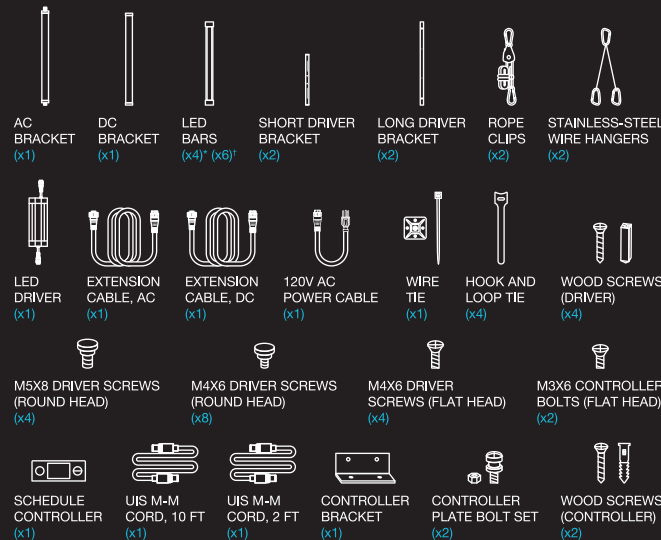
Safety Warnings

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 IP65-rated, avoid prolonged submersion in water or direct exposure to high-pressure water streams. Ensure all connectors 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: THEMS AR Unterstutzung UG (haftungsbeschränkt), Beedstrasse 54, 40468 Düsseldorf, Germany, legal@acinfinity.com
EU Conformity: CE / RoHS / WEEE

Product Contents

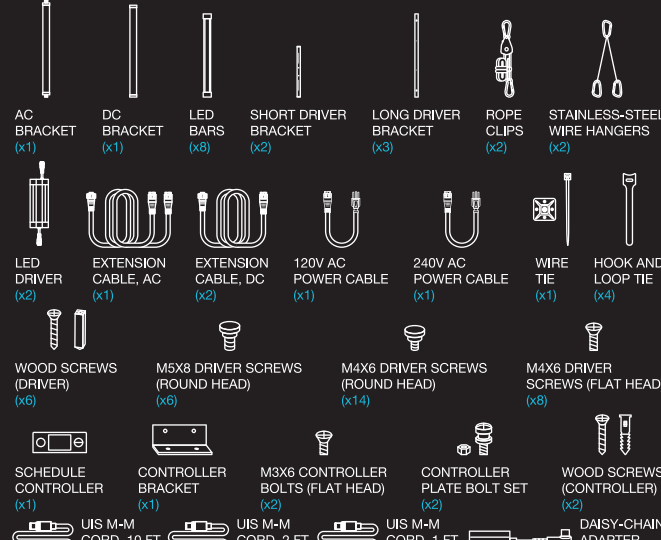
Ionprime 6, Ionprime 8



*Ionprime 6 *Ionprime 8

Product Contents

Ionprime 10



Installation

Frame

STEP 1
Use the M5X8 round screws to attach the long driver brackets to the AC and DC brackets.

Proceed to page 7 for wall-mounting driver instructions.

STEP 2
Use the M4X6 round screws to attach the short driver brackets to the bottom of the driver (or both drivers for Ionprime 10).

Ensure the brackets are facing up.

STEP 3
Use the rest of the M4X6 round screws to attach the driver assembly to the long driver brackets.

Installation

Frame

STEP 4
Plug the driver into the AC and DC sockets.

STEP 5
Insert the LED bars into the frame assembly.

Ensure the end marked with a lighting bolt is attached to the DC bracket.

The bars should lock into place with a click. Do not force it!

All LED bars must be installed before use to avoid damage to the light.

TARGETED LIGHTING
Ensure your light is turned OFF and cooled before adjusting your LED bars. You may angle your LED bars by holding BOTH endcaps and twisting the bars 60° right or left.

Installation

Hanging

OPTION 1
Clip the stainless-steel wire hangers to the frame anchors.

Loop the rope clip hangers around the tent's roof support beams, attach them to the wire hangers, and pull the ropes to lift the light to your desired height.

OPTION 2
Loop the rope clip hangers around the tent's roof support beams and attach each end to the frame anchors.

Pull on the ropes to lift the light to your desired height.

Installation

Driver Mounting (Wall)

STEP 1
Use the M4X6 flat screws to attach the short driver brackets to the bottom of the driver (or both drivers for Ionprime 10).

Ensure the brackets are facing down.

STEP 2
Mark your desired mounting position using the brackets' mounting slots.

STEP 3
Drill holes into the marked locations. Make sure your mounting area is structurally sound and free from obstruction.

Installation

Driver Mounting (Wall)

STEP 4
If you are mounting onto anything other than a wood support or stud, insert the included four wall anchors into the drilled mounting holes.

You may need to use a hammer to secure them through the holes.

STEP 5
Align the bracket's holes with the wall anchors. Screw in the wood screws with a screwdriver or drill to secure the brackets.

STEP 6
Connect the driver socket to the DC bracket connector using the DC extension cord. Repeat this process with the second driver if you have Ionprime 10.

Powering and Setup

ATTACHED DRIVER
Plug AC power cable directly to the AC bracket or add the AC extension cord to extend your reach.

A AC Power Cable Only

B AC Extension Cord + AC Power Cable

DETACHED DRIVER
Plug AC power cable directly to the driver or add the AC extension cord to extend your reach.

A AC Power Cable Only

B AC Extension Cord + AC Power Cable

Powering and Setup

Connecting to Your Controller

SINGLE DRIVER
Plug one end of the UIS extension cord into the LED driver, and the other end into the schedule controller.

You may alternatively use another UIS controller to set smart programming.

STEP 1 — DUAL DRIVER

Plug the male end of the daisy-chain adapter into one of the LED drivers.

STEP 2 — DUAL DRIVER

Plug one end of the 1 ft. M-M UIS cord into the second LED driver, and the other end into the daisy-chain adapter's OUTPUT port.

Connect the daisy-chain adapter's INPUT port to the schedule controller using the 2 ft. or 10 ft. M-M UIS cord.

Powering and Setup

Daisy Chain

BRACKET TO BRACKET
Use the AC adapter to connect one AC bracket to the other AC bracket.

DRIVER TO BRACKET
Use the AC adapter to connect one driver to the other light's AC bracket.

The end light can have a detached driver, but the following lights need to have their drivers attached to the frame.

BRACKET TO BRACKET
Use the AC adapter to connect one driver to the other light's AC bracket.

The MAX daisy chain wattage is 1800W with the 120V AC power adapter cable and 3600W with the 250V AC power cable. Be aware of the chain's total power draw before creating your chain.

Powering and Setup

Daisy Chain

CONTROLLER — SINGLE DRIVER
Plug the male end of the daisy-chain adapter* into the LED driver. Plug one end of the M-M UIS cord into the controller, and the other end into the daisy-chain adapter's OUTPUT port. Connect the daisy-chain adapter's INPUT port to the other light's driver or adapter using another M-M UIS cord.

*Daisy chain adapter sold separately

CONTROLLER — DUAL DRIVER
Plug the male end of the daisy-chain adapter into an LED driver. Plug one end of the M-M UIS cord into the controller, and the other end into the daisy-chain adapter's OUTPUT port. Connect the daisy-chain adapter's INPUT port to the other driver's adapter using another M-M UIS cord. Continue this chain to your desired length.

The MAX daisy chain wattage is 1800W with the 120V AC power adapter cable and 3600W with the 250V AC power cable. Be aware of the chain's total power draw before creating your chain.

Controller Mounting

MAGNET MOUNTING
Magnetically mount the schedule controller onto any steel surface.

PLATE MOUNTING*
Screw the controller plate bolts into the slot or mounting holes at the upper half of the plate.

Hang the controller by the bolts using the holes on the backside.

*Controller plate not included.

Controller Mounting

STEP 1 — FRAME
Use the M3X6 controller bolts to attach the controller bracket to the DC bracket.

Hang the controller by the bolts using the holes on the backside.

STEP 1 — WALL
Locate a spot free of obstruction and secure the anchor into your wall.

Twist the wood screw into the anchors.

Controller Mounting

STEP 2 — FRAME
Screw the controller plate bolt set to the controller bracket with the screw heads facing inwards.

Hang the controller by the bolts using the holes on the backside.

STEP 2 — WALL
Hang the controller by the screws using the holes on the backside.

Starter Guide

The chart below lists the coverage area of each grow light size in each growth stage. The supplemental CO₂ column refers to sealed grow spaces that use a CO₂ enrichment system with a 1200+ PPM.

AREA COVERAGE (FT)	Vegetative Stage	Flowering Stage	Supplemental CO ₂
IONPRIME 6	5 x 5	4 x 4	3 x 3
IONPRIME 8	6 x 6	5 x 5	4 x 4
IONPRIME 10	7 x 7	6 x 6	5 x 5

The charts below offer suggested mounting heights and light intensities for each stage in the growing process of your preferred method. These factors will vary based on the plant you are growing. In dynamic placement, "height" refers to distance from the canopy (tip of the plant).

STATIC PLACEMENT	Seedling Stage	Vegetative Stage	Flowering Stage
Height	Peak	Peak	Peak
Intensity	100%	100%	100%
STATIC PLACEMENT	Seedling Stage	Vegetative Stage	Flowering Stage
Height	1.5 ft	1.5 ft	1.5 ft
Intensity	40%	80%	100%

Programming

1. MODE BUTTON
Cycles through each of the controller modes: OFF, ON, SCHEDULE, SUNSET/RISE, and CLOCK.

FACTORY RESET
Holding the mode and up/down buttons together for 5 seconds will reset your controller and restore factory settings. This will clear all user set parameters of each controller mode and setting.

RESET TO OFF/DEFAULT
Holding the up and down buttons together for 2 seconds will reset the value of your current mode to its default setting. In SCHEDULE mode, pressing the up or down button after resetting will return it to its previous value.

CONTROLLER LOCK
Holding the mode button will lock the controller in your current mode. While your controller is locked, no parameters may be adjusted, nor will you be able to switch modes. Holding the mode button again will unlock the controller.

HIDE SCREEN
Lock the controller so no settings can be adjusted. See above. Then press the mode button to turn the display off. Pressing the mode button again will turn the display back on. Programs will still run in the background while the LCD screen is off.

More Information

Programming

For in-depth programming instructions, scan this QR code to view a digital manual.

Warranty

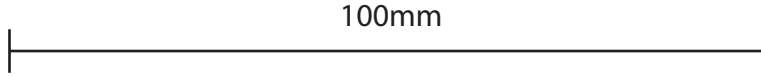
Our warranty program is our commitment to you, the original customer, that product sold by AC Infinity Inc. will be free from defects for TWO YEARS from the date of purchase. If you have any issues with this product, contact us and we'll happily resolve your problem or issue a full refund!

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Ionprime Series

Quick Start Guide



100mm



100mm

CORNER RADIUS: 10mm