

USER MANUAL

iLi3 MODEL 240W



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Please read this manual thoroughly prior to installing or operating the ILUMINAR iLi3.

- Observe all safety precautions (see page 8), seek the services of a qualified electrician, installation professional, or call ILUMINAR Lighting technicians for assistance.
- DO NOT handle or touch the fixture while in use.
- Connect the fixture only to the power sources of the appropriate voltage using the correct AC plug type. Protect power cables from being pinched, walked on, or otherwise damaged. Be especially careful where the power cable enters the power outlet to the unit. Only connect the fixture to an electrical outlet or extension cord of comparable standard and level rating. Connect the fixture ONLY to the power sources of the correct voltage using the plug received.
- The fixture should only be cleaned as directed. Always seek service for your system by qualified service personnel if any of the following occur:
 1. The fixture shows a noticeable change in performance.
 2. The power-supply cord or plug is damaged.
 3. The fixture has been dropped, or the exterior is damaged.



iLi3

LED Lighting Solution

VOLTAGE: 100-277V

MODEL: 2.6 WATTS: 240W

SKU: IL-i326FSG-120

TECHNICAL SPECIFICATIONS

PPF	624 μmol/s
Efficacy	2.6 μmol/j
Input Current	6.70A
Input Power	240 W
Output Power	221.1
Output Voltage	33V
Min Power Factor	0.9
THD	15%
Crest Factor	0.99
BTU	816
Rated Mains Voltage	120-277V AC
Voltage Range (+/-10%)	100-277V
Mains Frequency	50 / 60Hz
Dimmable	1-10V Controllable
Ambient Temperature	-20..+45°C
Max. Temperature	75°C/167°F
Relative Humidity	98%
Plug Type	Power Cord Sold Separately
Color Temperature	4000k
Color Rendering Index	88
Finishing Mounting Height	6"-12" to top of Canopy
Emitter Cooling	Passive / Extruded Case
Light Distribution +/- 5%	125°
Waterproof Rating	IP65 for Damp/Wet Conditions
LED Lifespan (90% of Life)	55,000+ hours

VOLTAGE AND AMPERAGE DRAW

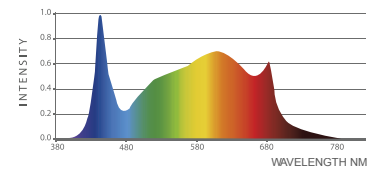
120V	2.11A	251W
208V	1.2A	2.44W
240V	1.09A	241W
277V	0.9A	240W
347V	0.71A	245W
480V	0.51A	239W

PHYSICAL SPECIFICATIONS

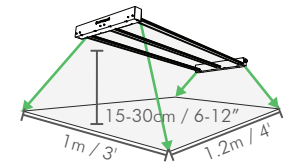
Length	1193mm	46.97"
Width	458mm	18.04"
Height	50mm	1.97"
Weight	7kg	15.4lb



ILI3 240W LED SPECTRUM



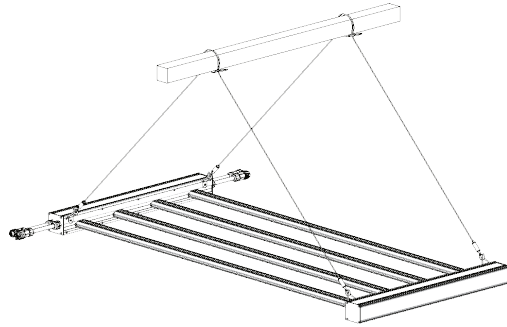
MOUNTING & COVERAGE



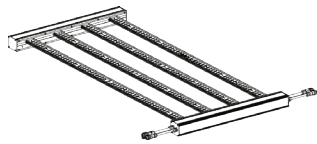
HARDWARE AND ACCESSORIES

The iLi3 can be hung from steel cables or can be mounted to a rack.

Before you begin installation, check that you have all the necessary parts to begin.



IN THE BOX



1 iLi3 Fixture



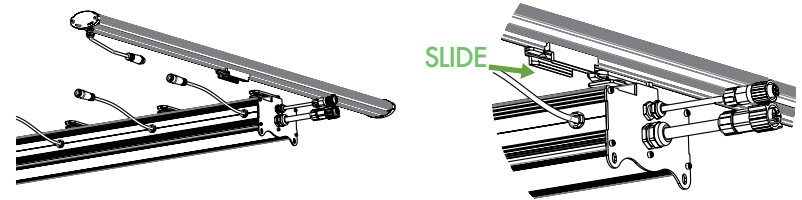
1 Power Cable



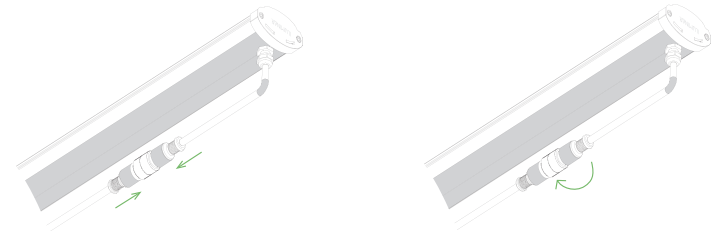
4 Steel Hanging Cables with attached cylindrical locks for hanging

CONNECTION INSTRUCTIONS

- 1 Lay the central mast on a flat table top or surface with the attachment brackets facing UP. Attach each LED Bar by aligning the plastic clips and carefully sliding them into place until you hear a soft click.



- 2 Once the plastic clips are all snapped in place, attach the A/C cables coming from the mast to each LED bar by aligning the connector pins and pressing the ends together. Lock by twisting in opposite directions.



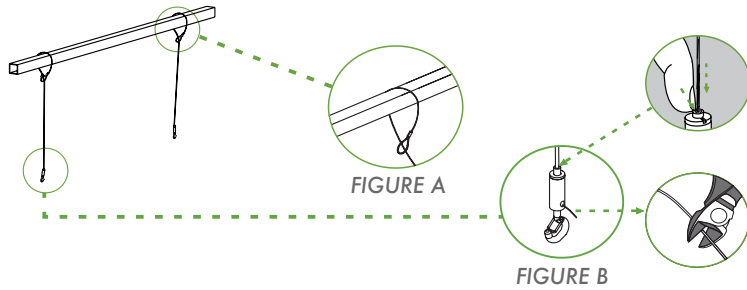
- 3 Once all the LED bars are fastened into place and A/C cables are attached to the mast, turn the fixture over (this may require more than one person). Ensure the flat surface is clear of anything that could damage the delicate diodes.



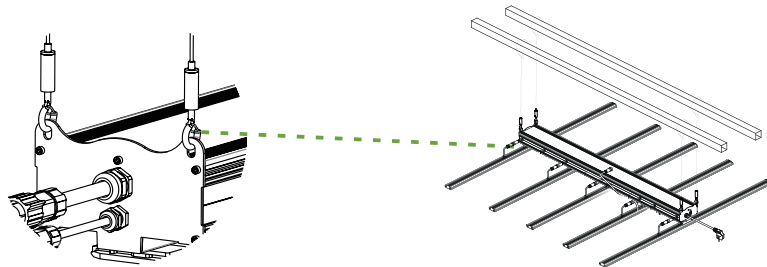
CAUTION when handling your ILUMINAR iL Fixture. The LED array should NOT come in contact with sharp objects. **DONOT** touch diodes or apply direct force to the diodes as this can/will cause permanent damage.

HANGING INSTALLATION

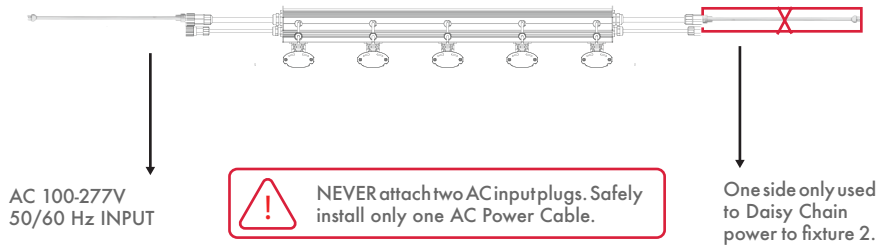
1 Loop the hanging wire as shown around the support beam (as shown in Figure A). Press down at base of hook to slide to adjust the mounting height of the fixture (Figure B).



2 Attached the secure hooks to the fixture.



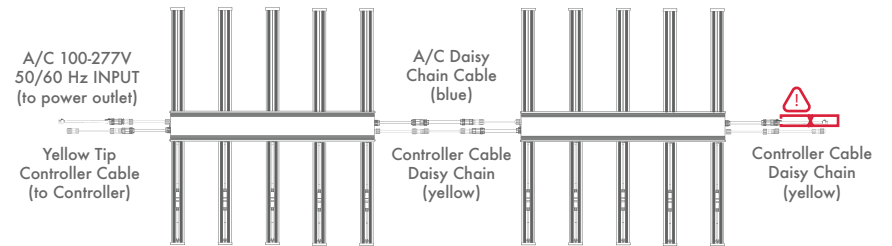
3 Once fixture is hanging with all LED bars installed, connect the power cable (blue tip) from the outlet to one side of the fixture. **DO NOT EVER** connect two power cables from the wall to the fixture.



DAISY CHAIN CONNECTIONS

If you plan to utilize several LEDs in your room or facility, one of the many benefits of the ILUMINAR LED is that you can “daisy chain” one fixture to another to save space and use only one outlet to run several lamps, thus minimizing the amount of cords used in your space.

1 If you plan to utilize the TOUCH Controller or ILUMINAR HASH Controller, you can connect the yellow connections from the controller to the fixture and then connect the Daisy Chain Controller Cable from fixture to fixture. Please consult with our lighting layout designers to ensure proper spacing of outlets for your unique setup.



! NEVER attach two AC input plugs. Safely install only one AC Power Cable.

CAUTION

Please read the following list carefully prior to beginning installation.

1. Leave at least one inch of space between the fixture and the mounting area for maximum performance and lifespan.
2. ALWAYS wear protective eye wear when looking directly at the diodes to prevent eye damage.
3. Only handle, clean or move fixture when it's unplugged and completely cool.
4. Keep the fixture free of dust, debris, deposits to ensure the maximum potential of the fixture.
5. NEVER use cloth to clean the diodes. This will scratch the diodes and could potentially break or dislodge them.
6. DO NOT use chemicals to clean the fixture. Use ONLY low pressure air or low pressure water to remove dust and debris.

5 YEAR
WARRANTY

GUARANTEE

At ILUMINAR, we stand behind our products and our technology as well as our customers. All ILUMINAR fixtures are backed by our 5-Year Guarantee. Please visit our website iluminarlighting.com/warranty for more information.