



**LED  
CLONE 18W**



# **USER MANUAL**

**110-277V**

**18W**



**IL-CLN18**

1-877-540-5588  
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## **Please read this manual thoroughly prior to installing or operating the ILUMINAR Lighting LED CLONE 18W**

- 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 powersupply cord or plug is damaged.
  3. The fixture has been dropped, or the exterior is damaged.



# LED CLONE 18W

LED Lighting Solution

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WATTS: 18W

VOLTAGE: 100-277V

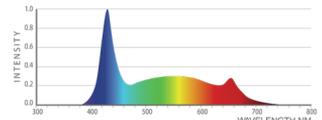
SKU: IL-CLN18

## TECHNICAL SPECS

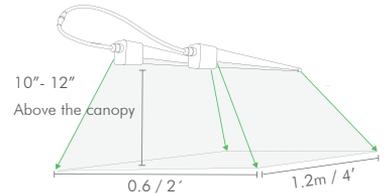
Input Voltage	110-277V
Input Current	0.15A - 0.065A
Input Power	18W (36W total Wattage)
Color Temperature	9,000K
PPF	40 $\mu\text{mol/s}$
Ambient Temperature	0 - 35°C / 32-95°F
Min Power Factor	0.9
LED Lifespan (90% of Life)	54,000+ hours
Power Cord 120V	4ft (NEMA 5-15P)
Rated Voltage	120-277V
Voltage Range (+/-10%)	100-277V
Frequency	50 / 60Hz
Operation Frequency	Direct-Current Input
Waterproof Rating	IP66
Minimum Mounting Height	10" - 12" Above the canopy



## 18W LED SPECTRUM

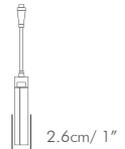


## MOUNTING & COVERAGE



## PHYSICAL SPECIFICATIONS

Length	112 cm	44.1"
Width	2.6 cm	1"
Height	3.5 mm	1.4"
Weight	0.38 kg	0.84lbs



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# HARDWARE AND ACCESSORIES

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The LED CLONE 18W can be hung from rope ratchets or can be mounted to a rack.

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

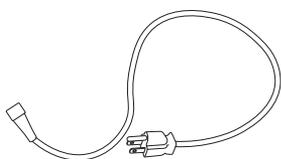


## IN THE BOX

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2 Led Clone Fixture

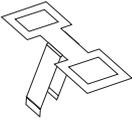


1 Power Cord

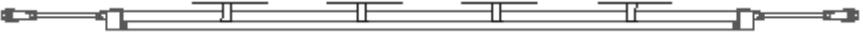


4 Mounting Clips

**A** Install the Mounting Clips to the ceiling.



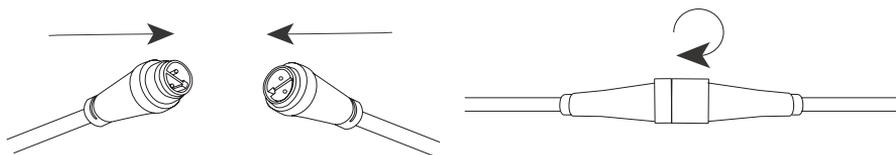
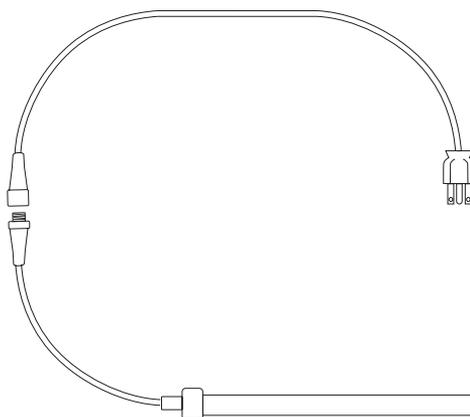
**B** Attach your fixture to the Mounting Clips.



# CONNECTION INSTRUCTIONS

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Once fixture is hanging, connect the power cable from the outlet to one side of the fixture. by aligning the connector pins and pressing the ends together. Lock by twisting in opposite directions.



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

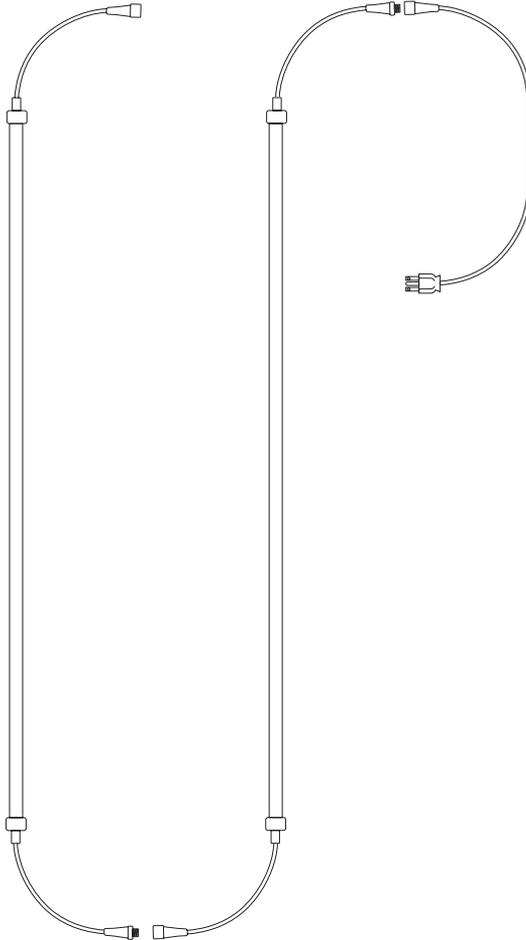
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# DAISY CHAIN

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Connect your LED Clone Fixtures as shown in diagram below to Daisy chain.

Make sure cover the end of the circuit with caps.



# CAUTION

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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.
7. Do NOT exceed 70% max load for breakers due to Inrush current in LED fixtures.
8. Do NOT use sulfur vaporizers.

**5** YEAR  
WARRANTY

**GUARANTEE**

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