

VERDIDIM
50W



USER MANUAL

VERDIDIM 50W

SKU: IL-VDM-50

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01

Pre-Install Information

Please read this manual thoroughly prior to installing or operating the ILUMINAR VerdiDim 50W

- Observe all safety precautions (see page 11), 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.



DELIVERY CONTENTS

- 50W CLONE LED Fixture (x2)
- Mounting Clip (x8)
- Steel hanger (x8)
- 2m(78.7'') Power Cord (x1)



Please keep the instruction manual, It might come in handy with future troubleshooting.



02 Technical Specs

MODEL: VerdiDIM 50W

WATTS 50W

VOLTAGE: 120 - 277V

SKU IL-VDM-50

TECHNICAL SPECS

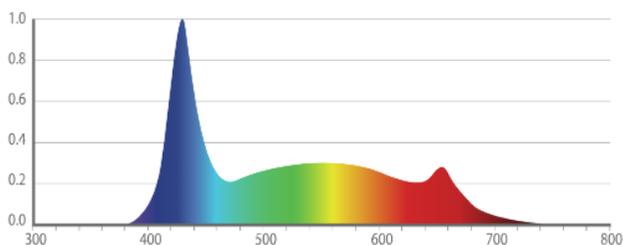
Input Power	50W
Driver	JUSIN 50W isolated driver
Efficacy	2.6 $\mu\text{mol}/\text{J}$
PPF	130 $\mu\text{mol}/\text{s}$
Input Voltage	120 - 277V AC
Spectrum	Clone spectrum
Control	0-10V control
Daisy chain	40 x fixtures at 110V AC
Coverage Area	1200mm (L) * 600mm (W)
Waterproof level	IP66
Warranty	5 years



PHYSICAL SPECIFICATIONS

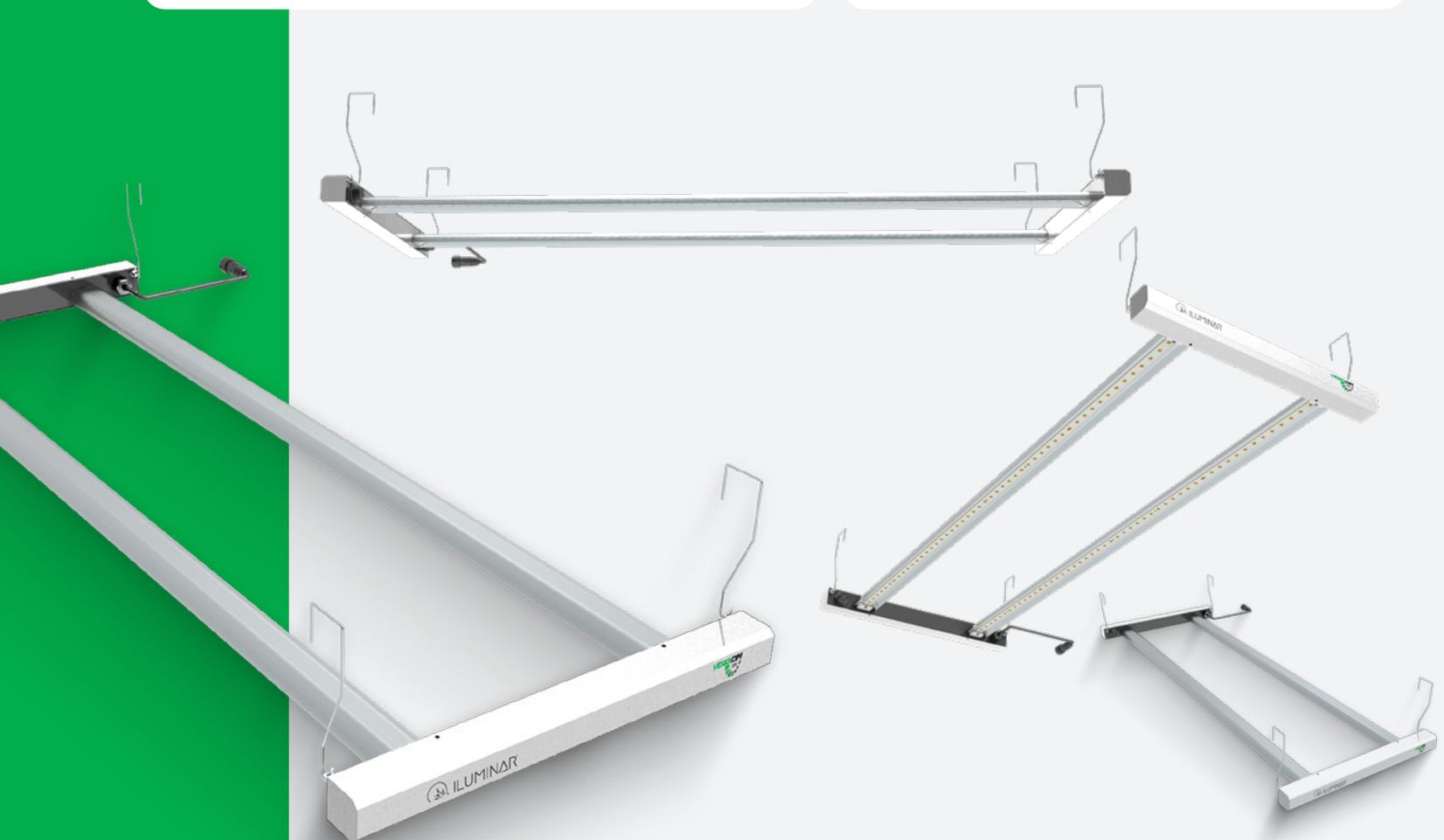
	LED Fixture	Package Size
Length	1195mm / 47"	1220mm / 48"
Width	445mm / 17.5"	465mm / 18.3"
Height	33mm / 1.3"	105mm / 4.1"

SPECTRUM



DAISY-CHAIN CONNECTION (OPTIONAL)

Voltage	110V	220V	277V
Max. Fixtures	40	80	100



03

Physical Specifications



MAIN PARTS OF LED FIXTURE:

1 AC / Signal daisy chain cable

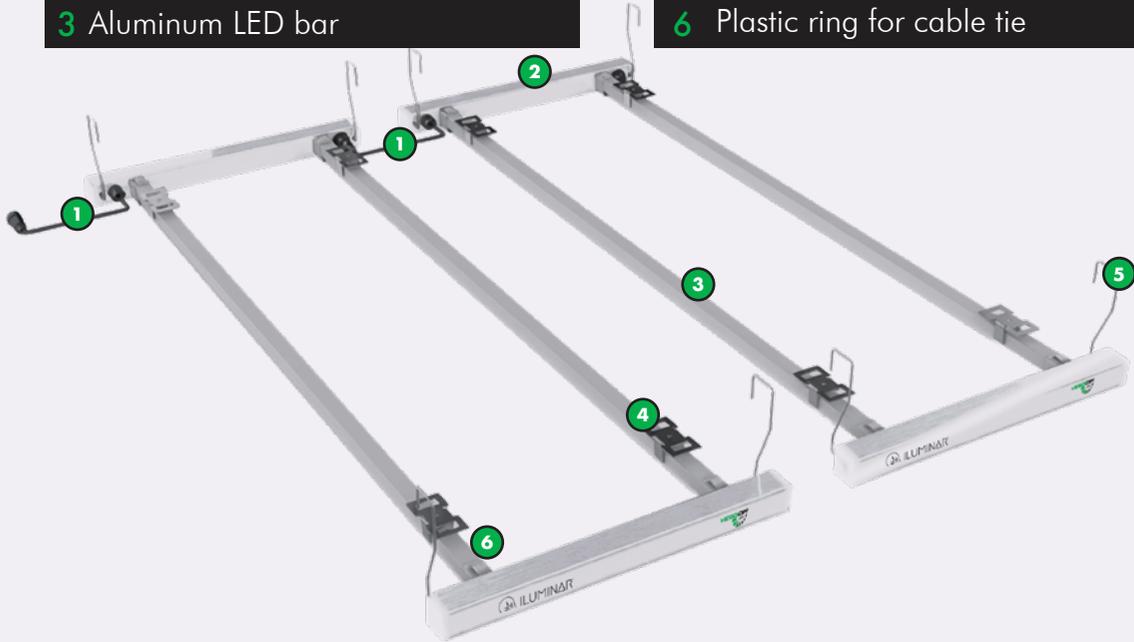
2 Aluminum frame with built-in driver

3 Aluminum LED bar

4 Mounting clip

5 Steel hanger

6 Plastic ring for cable tie



Installation with steel hangers



Installation with mounting clips





BEFORE YOU BUY AN LED CHECK YOUR REBATE



FIND OUT MORE



ILUMINARLIGHTING.COM

05

Important Cautions & Warranty



PREPARATION

Transportation

Improper transportation may harm or can even cause damage to LED lamp and power housing box). In case of obvious damage or incomplete scope of supply, please refer to your vendor immediately.

Unboxing

Please handle and unbox the LED lamp with care! Check the delivery contents for completeness first. A detailed list of the product range is contained on the inner cover in this manual.



OPERATION

Safety measures & precaution

Warning! This LED fixture is powered with electricity (**AC 120 - 277V**) To prevent injury, we ask you to desist from improper use!

Never open the case of the device! Health hazards await the consumer and the warranty of the device expires.

Putting into service

Operate the LED fixture only horizontally, while hanging or slightly angled (approx. about 20°). Deploy the LED lamp fixture about 30-60cm above the top of the plants.

Proper use

Do not use the LED fixture vertically or as illumination device upside-down (direct eye contact and long exposure over time may cause permanent damage to your eyesight!). We don't advise you to deploy the device as a room illuminant. It is exclusively designed and developed for plant breeding and cultivation. Please ensure that the LED fixture is being operated out of sight and out of reach of children and animals to protect their eyes!



05

Important Cautions & Warranty

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.
- 7.** Do NOT exceed 80% max load for breakers due to Inrush current in LED fixtures.
- 8.** Do NOT use sulfur vaporizers.

GUARANTEE

5 YEAR
WARRANTY

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

