



USER MANUAL

LED GROW LIGHT



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○ Disclaimer

Make sure you read and understand this manual completely before using your NovaGrove Product. We are not and cannot be held responsible for any damage or injury incurred due to improper or unsafe use of the NovaGrove Product. We specifically disclaim responsibility for any bodily injury or property damage that may occur during any use that does not comply with applicable federal, state, or local laws or ordinances.

I. SAFETY GUIDELINES

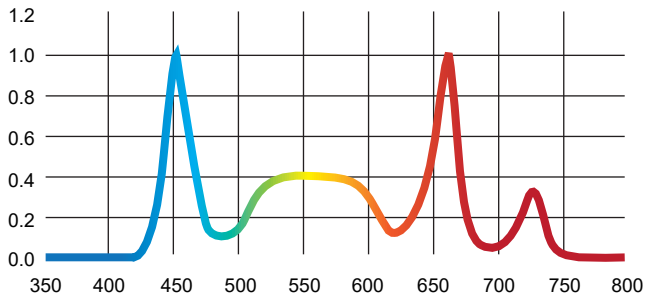
1. Caution

- Before installation and operation, carefully read this manual and keep it properly for future reference.
- Ensure the power is turned off before performing any operations.
- Damage caused by improper operation is not covered under warranty.
- It is recommended to wear protective gloves and goggles during installation.
- Keep this product out of reach of children.
- Use a stable and secure platform during installation and maintenance.

2. Warning

- Keep power cords away from high-temperature surfaces.
- Use only the specified voltage and provided plug, and avoid overloading the timer in series configurations.
- Maintain a minimum distance of 50 cm between the luminaire and flammable or explosive materials.
- Ensure at least 1 inch (2.5 cm) of clearance above the luminaire for proper heat dissipation.
- Use appropriate rigging and hooks to suspend the luminaire, ensuring the hanging point's weight capacity is within safe limits.
- Do not place an operating luminaire face-down on a flat surface.
- Do not cover or enclose the light engine or driver.
- Improper installation may cause injury or material damage.
- Avoid contact with exposed wiring to prevent electric shock.
- Discontinue use if:
 - The power cord or plug is damaged.
 - The luminaire is exposed to water or rain.
 - Performance degrades or the housing is damaged.
 - The unit is dropped or mishandled.
- Never look directly at the luminaire without protective eyewear.
- LED surfaces may become extremely hot. Allow to cool completely (≥30 minutes) before handling.
- Do not disassemble, modify, or repair the luminaire without manufacturer authorization.
- Seek professional service if any of the following occur:
 - Damaged power cord or plug.
 - Water exposure or rain ingress.
 - Reduced performance or housing damage.
 - Impact from dropping or improper handling.

II. TECHNICAL SPECIFICATIONS



6369-GL-PR15 (150W)

Input Voltage	120-277V	PPF	421umol/s
Max Output Power	150W	PPE	2.81umol/J
Light Size	40 × 40 × 5.6 cm / 3 Bars	Coverage	60 x 60 cm
Spectrum	Full Spectrum + IR	Weight	2.7 kg
Operating Temperature	≤30°C	LED Quantity	531

6369-GL-PR24 (240W)

Input Voltage	120-277V	PPF	673umol/s
Max Output Power	240W	PPE	2.81umol/J
Light Size	55 × 55 × 5.6 cm / 4 Bars	Coverage	90 x 90 cm
Spectrum	Full Spectrum + IR	Weight	3.1 kg
Operating Temperature	≤30°C	LED Quantity	944

6369-GL-PR32 (320W)

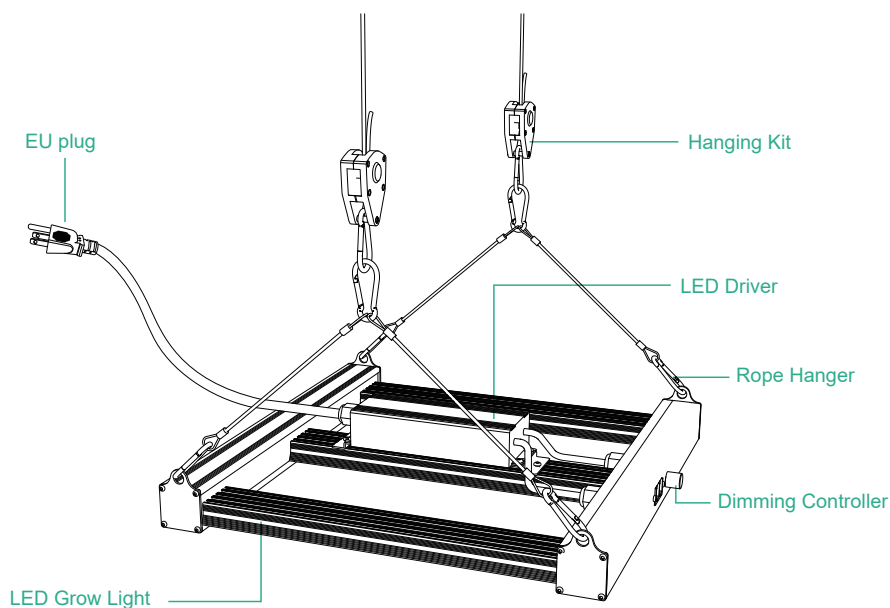
Input Voltage	120-277V	PPF	898umol/s
Max Output Power	320W	PPE	2.81umol/J
Light Size	60 × 60 × 5.6 cm / 5 Bars	Coverage	90 x 90 cm
Spectrum	Full Spectrum + IR	Weight	3.6 kg
Operating Temperature	≤30°C	LED Quantity	1180

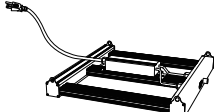
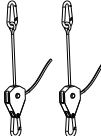
III. ASSEMBLY INSTRUCTIONS

■ Notice

- Please read this manual carefully before use.
- Only use replacement parts from NovaGrove.
- If anything is missing or damaged, please contact us immediately at (Pfillo.de@gmail.com)

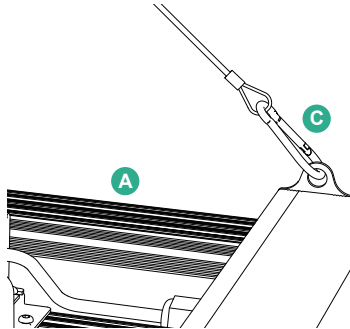
1. Part List



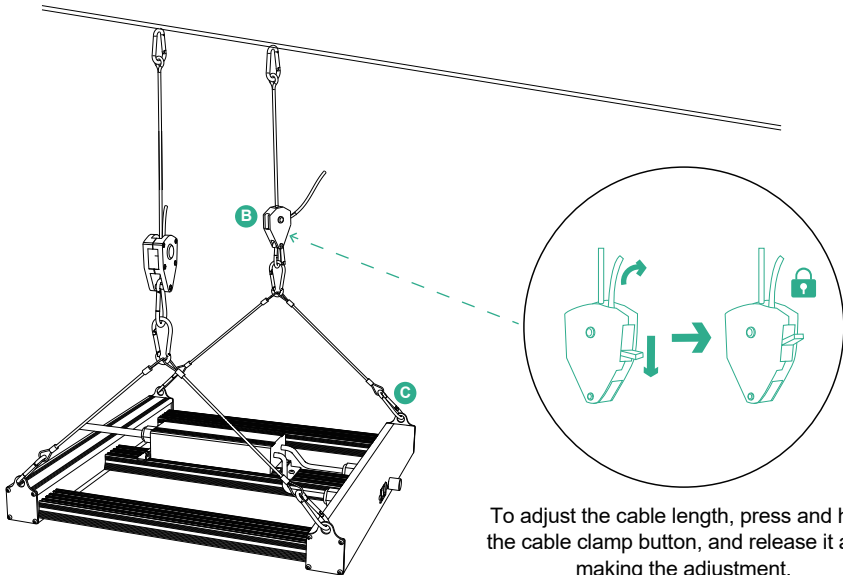
A  LED Grow Light ×1	B  Hanging Kit ×2	C  Rope Hangers ×2	D  Dimming Cable ×1
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2. Assembly Steps

Step 1 - Install the four rope hangers to the LED light.



Step 2 - Connect the hanging kits and hang the light on the bar.

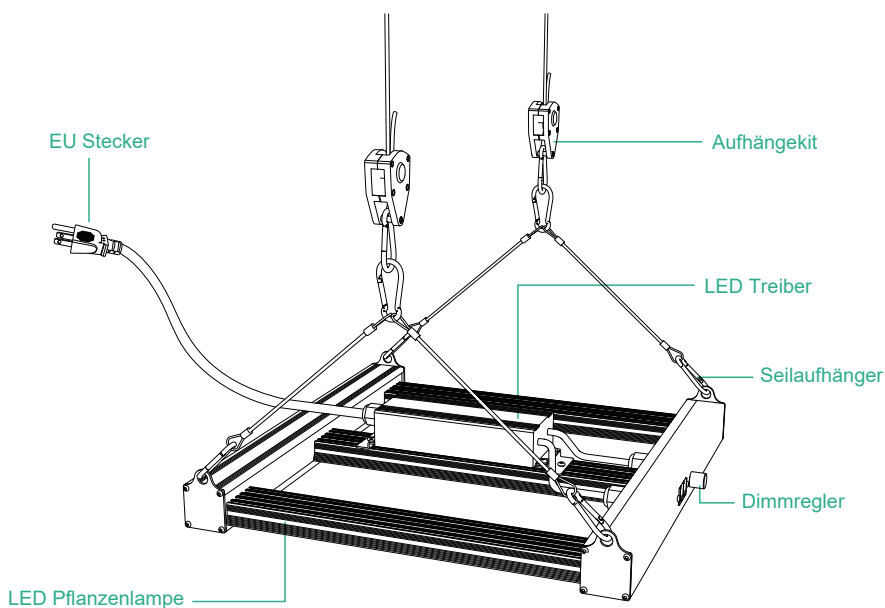


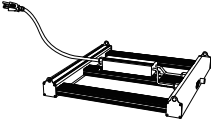
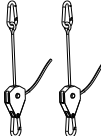
IV. MONTAGEANLEITUNG

■ Hinweis

- Bitte lesen Sie diese Anleitung vor dem Gebrauch sorgfältig durch.
- Verwenden Sie nur die Ersatzteile von NovaGrove.
- Sollte etwas fehlen oder beschädigt sein, setzen Sie sich bitte sofort mit uns in Verbindung (Pfillo.de@gmail.com)

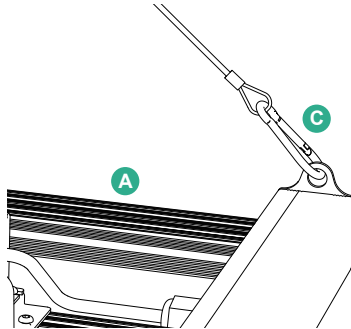
1. Liste der Teile



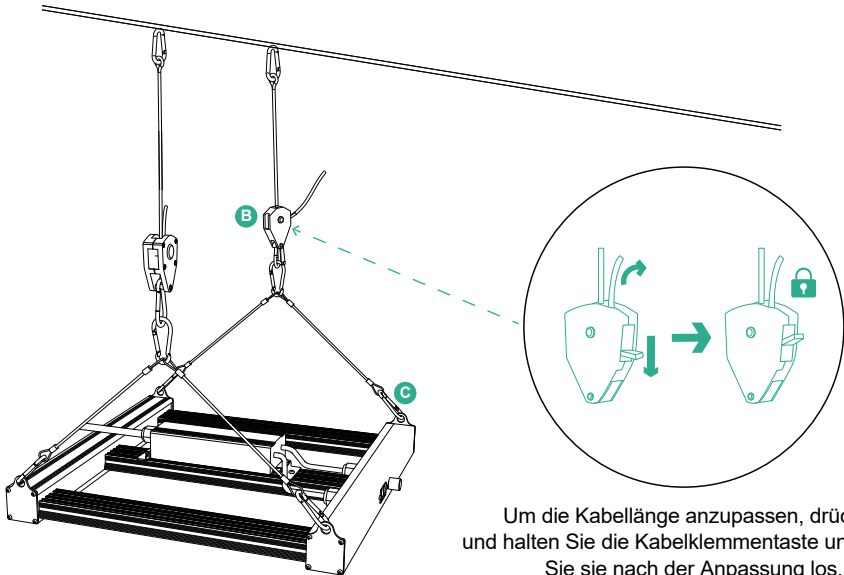
A  LED Pflanzenlampe ×1	B  Aufhängekits ×2	C  Seilaufhänger ×2	D  Netzkabel ×1
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2. Installationsschritte

Schritt 1 - Installieren Sie die vier Seilhänger an der LED Lampe.



Schritt 2 - Verbinden Sie die Aufhängekits und hängen Sie das Licht an die Stange.

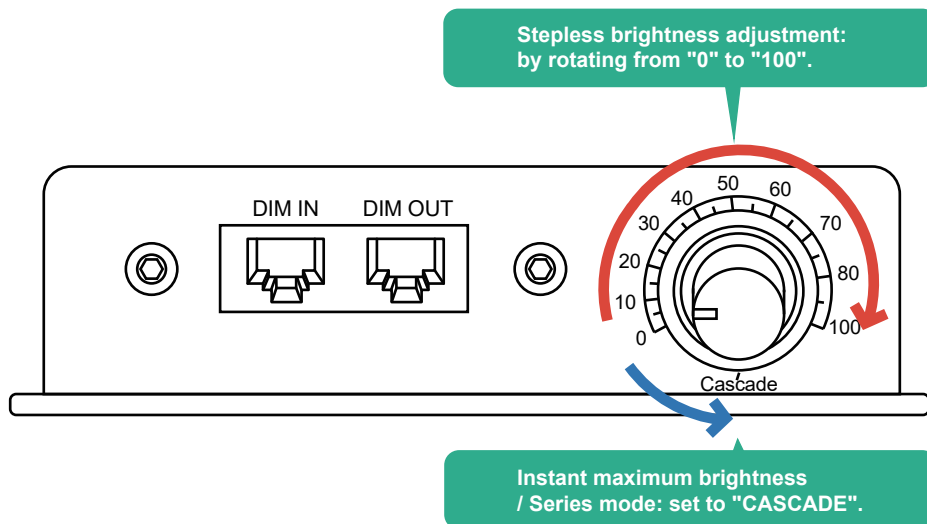


V. OPERATING INSTRUCTIONS

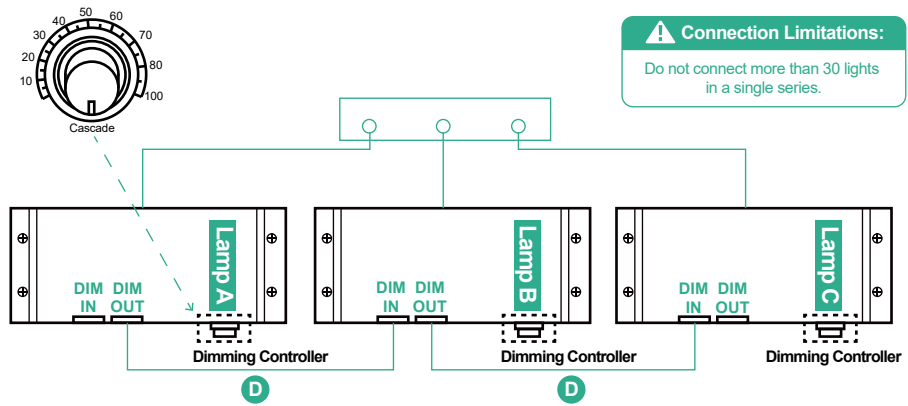
1. Operation Precautions

- Do not turn on the main power supply until the circuit connections and installation are confirmed to be correct.
- Avoid stretching the cables to prevent physical damage and ensure the system operates within the rated current and temperature requirements.
- All lights must be installed with the front facing downward, ensuring proper heat dissipation. Do not cover or enclose the light engine or driver.
- A minimum distance of 50 cm must be maintained between the fixture and any combustible materials.
- Do not stare directly at the luminous surface during operation, as prolonged exposure may be harmful to the eyes.
- System AC input voltage range: 120-277Vac
- Maximum operating temperature: 30°C
- Avoid exposure to direct sunlight, high temperatures, and environments with humidity over 80%.
- Due to varying environmental conditions, it is normal for the fixture housing temperature to exceed 50°C during operation.

2. Dimming Controller Instructions



3. Connection Instructions



As shown in the diagram above, always connect the output port of the front light (DIM OUT) to the input port of the rear light (DIM IN). You need to set all lights to Cascade mode. This allows you to control the power of the subsequent B and C lights using the A light adjustment controller. The power adjustment range is 0%-100%.

4. Growing Tips

	 Germination	 Vegetative	 Flowering
Distance (cm)	150W: Hang at 25	150W: Hang at 25	150W: Hang at 25
	240W / 320W: Hang at 30	240W / 320W: Hang at 30	240W / 320W: Hang at 30
Dimming	20%-30%	50%-60%	90%-100%
Time	18 hr ON / 6 hr OFF	18 hr ON / 6 hr OFF	12 hr ON / 12 hr OFF

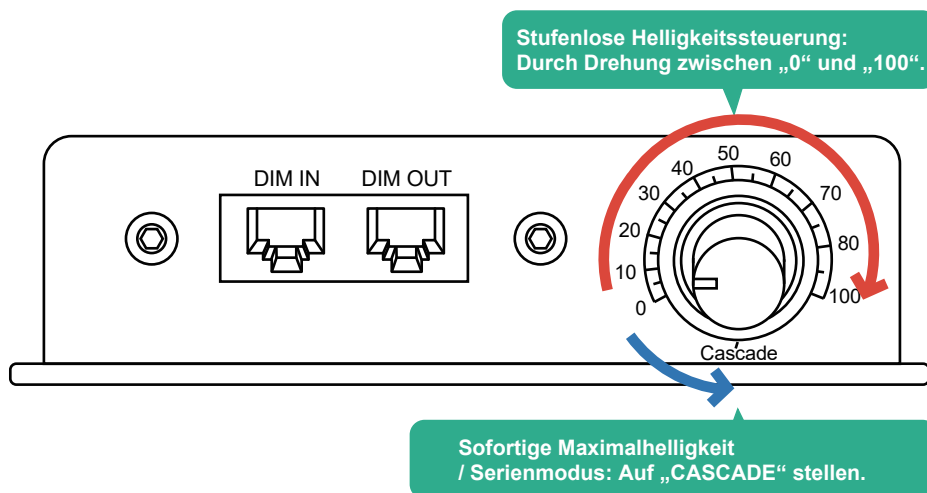
(For reference only)

VI. BEDIENUNGSANLEITUNG

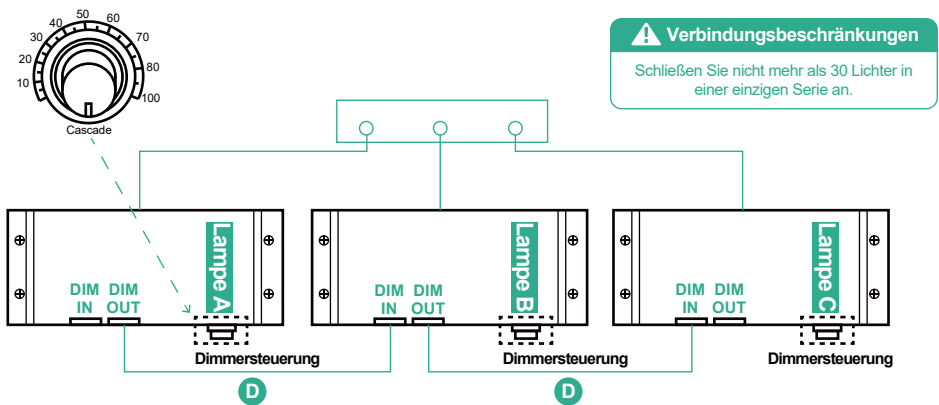
1. Vorsichtsmaßnahmen für den Betrieb

- Schalten Sie die Hauptstromversorgung erst ein, wenn die Verdrahtung und Installation als korrekt bestätigt wurden.
- Vermeiden Sie es, die Kabel zu dehnen, um physische Schäden zu verhindern und sicherzustellen, dass das System innerhalb der angegebenen Strom- und Temperaturanforderungen betrieben wird.
- Alle Lampen müssen so installiert werden, dass die Vorderseite nach unten zeigt, um eine ordnungsgemäße Wärmeableitung zu gewährleisten. Decken oder schließen Sie den Lichtmotor oder Treiber nicht ab.
- Ein Mindestabstand von 50 cm muss zwischen der Leuchte und brennbaren Materialien eingehalten werden.
- Starren Sie während des Betriebs nicht direkt auf die leuchtende Oberfläche, da eine längere Exposition schädlich für die Augen sein kann.
- System AC Eingangsspannungsbereich: 120-277Vac
- Maximale Betriebstemperatur: 30°C
- Vermeiden Sie direkte Sonneneinstrahlung, hohe Temperaturen und Umgebungen mit einer Luftfeuchtigkeit von über 80%.
- Aufgrund unterschiedlicher Umweltbedingungen ist es normal, dass die Temperatur des Leuchtengehäuses während des Betriebs 50°C überschreiten kann.

2. Dimmersteuerung Anweisungen



3. Verbindungsanweisungen



Wie im obigen Diagramm gezeigt, verbinden Sie immer den Ausgangsport des Frontlichts (DIM OUT) mit dem Eingangsport des Rücklichts (DIM IN). Sie müssen alle Lichter auf den Cascade-Modus einstellen. Dadurch können Sie die Leistung der nachfolgenden B- und C-Lichter mit dem Einstellregler des A-Lichts steuern. Der Leistungsregelungsbereich beträgt 0%-100%.

4. Wachstumstipps



	Keimung	Vegativ	Blüte
Abstand (cm)	150W: 25 hängen	150W: 25 hängen	150W: 25 hängen
	240W / 320W: 30 hängen	240W / 320W: 30 hängen	240W / 320W: 30 hängen
Dimmung	20%-30%	50%-60%	90%-100%
Zeit	18 Std. AN / 6 Std. AUS	18 Std. AN / 6 Std. AUS	12 Std. AN / 12 Std. AUS

(Nur zur Information)

VII. CARE AND MAINTENANCE

Your NovaGrove® LED Grow Light will perform excellently for years with regular care and maintenance. To maintain the quality of your plant lamp's surface, please follow the guidelines and cleaning procedures listed below.

WARNING Always unplug the power cord before cleaning. Never touch the power plug with wet hands.

■ Notice

- Regularly check if dust or dirt has accumulated on the LED lights, as contamination can lead to overheating and performance degradation.
- Always turn off the power before cleaning, maintenance, or during a storm, and wait until all components have cooled down.
- Do not use cleaning agents, abrasives, or any other substances that could damage the LED lights.
- If necessary, clean with 70% isopropyl alcohol and wipe with a non-abrasive cloth.

VIII. RETURN AND WARRANTY

- Unauthorized disassembly, modification, or repair of the lamp is prohibited, as it may pose a safety risk and will void the warranty.
- 15-30 Day Return Policy:
Within 15-30 days of delivery (depending on the platform), returns or exchanges are accepted if the product remains in its original condition and packaging. The shipping cost will be covered by the seller.
- 2 Year Warranty:
If the product experiences any quality issues within 2 years, it can be repaired or replaced free of charge.

IX. CUSTOMER SUPPORT

If for any reason, we have fallen short of your expectations, or if you have any questions and suggestions, please refer to the following contact information, we will do our best to work with you to make sure you are entirely satisfied.

	+49-(0)21513654025
	pfillo.de@gmail.com (Respond within 24 hours)
	Pfillo GmbH Kimplerstraße 340, 47807 Krefeld, Germany (9:00 am - 4:30 pm from Monday to Friday)



Mcombo.de

Product Name: LED Grow Light
Model: E6369-GL-PR15/24/32
Production Batch: 08429381114465
Country Origin: Made in China
Manufacturer: Pfillo GmbH
Address: Brehmstraße 56,
40239 Düsseldorf, Germany
E-Mail: info.de@newacmelic.com
Tel: 004921511561192



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