

1030PRO
USER GUIDE

Safety Advice

- Working parameters: Temperature -20°C - +40°C. Humidity - Maximum 80%
- Electricity can kill, so always use a Residual Current Breaker (RCB) with this product.
- Before doing anything with the unit, make sure that the power is disconnected.
- Keep the unit away from children, pets and water. Suitable for indoor use only.
- Never tamper with the unit as there are no user serviceable parts inside and this will void the guarantee.
- Only use the cable provided to connect the unit to the mains. Never tamper with or modify the cable.
- Replacement fuses must be of an identical type and rating to those supplied.
- Do not mount the unit directly onto, or near flammable material. Do not cover the unit.
- Never look into the unit when it is switched on.
- The LED strips must be kept parallel.





Thank you for choosing the DAYLIGHT 1030W PRO LED from Maxibright.

Our most powerful LED fixture to date represents the latest in full-spectrum lighting technology, engineered to deliver high output, even coverage, and reliable performance.

With 10 LED bars of high-quality diodes, a balanced full spectrum including additional Far Red and easy-to-use remote dimming, the 1030W PRO is built to deliver consistently powerful, high-quality results, even in the most demanding grow environments.

Before you get started, please read this guide for installation tips, safety advice, and recommended settings to help you get the most from your fixture.

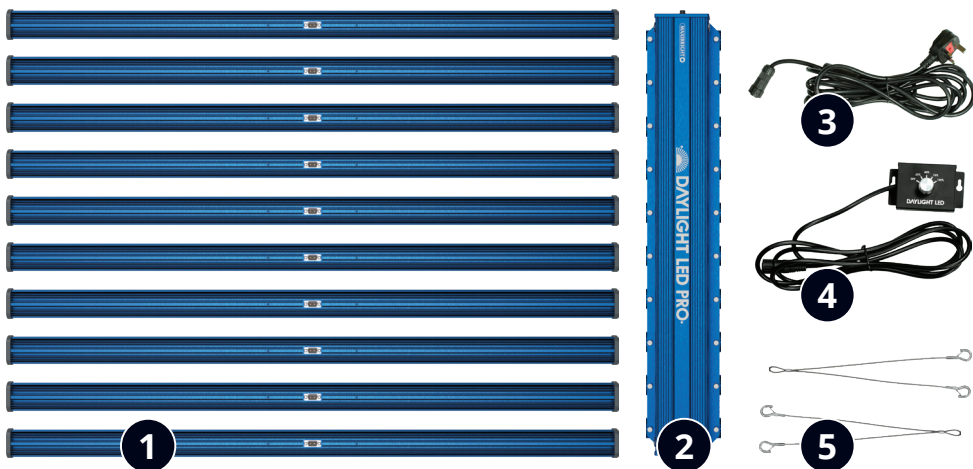
Product Features

High Efficiency – 3.1 $\mu\text{mol/J}$
Total Output – 3193 $\mu\text{mol/s}$
Added Far Red Spectrum
10-Bar Modular Design

Passive Cooling – Silent Operation
IP65 Rated – Water & Dust Resistant
Remote Dimming (25-50-75-100%)
Enhanced Bar Clips for Secure Fit

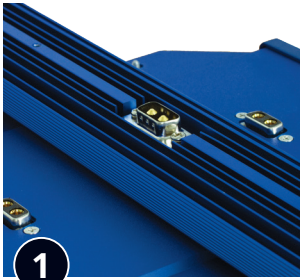
Package Contents

- | | | |
|----------------------------|----------------------|----------------------|
| 1. LED Bars (10) | 3. Power Cable (1) | 5. Metal Hangers (2) |
| 2. DAYLIGHT LED Driver (1) | 4. Remote Dimmer (1) | |



Installation

1. Remove all packaging.
2. Locate the LED strips and push in to place.
3. Secure the bars using the built-in bolts on the driver.
4. Install the metal cable hangers and hang the unit in a suitable location using rope ratchets.
(Please make sure the rope ratchets are rated to 40kg)
5. Connect the dimmer to "SIG IN"
6. Connect the power cable to "INPUT"
7. Using the power cable provided, connect the unit to a suitable outlet socket.
8. Check all cables and connections are secure, turn the unit on at the power source.



Troubleshooting

If the unit fails to light:

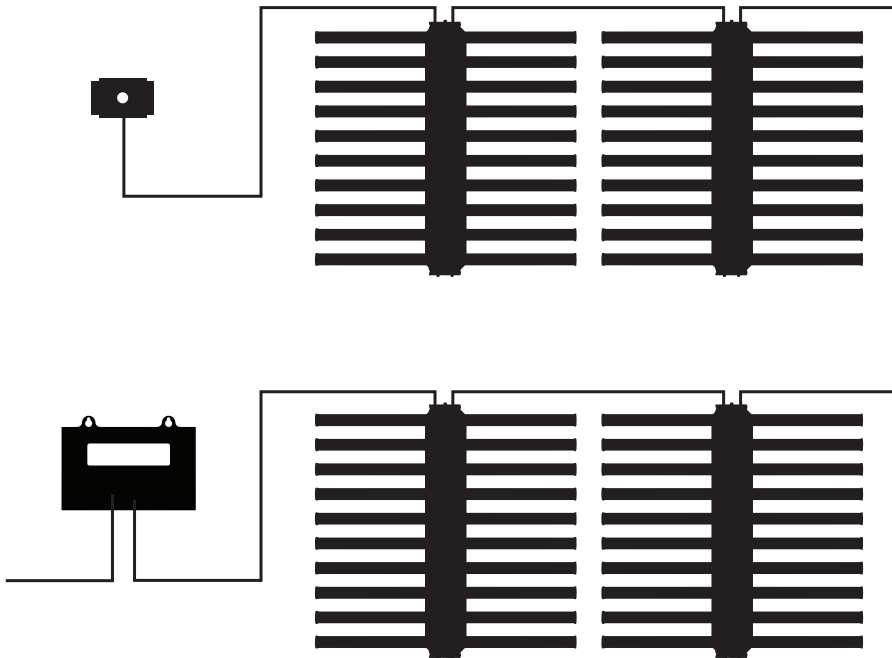
- Turn off the supply.
- Check all connections. Turn the supply on.
- If the unit still fails to light check the fuse in the plug and replace if necessary.
- Turn the supply on.
- If the unit still fails to light please contact your supplier.

If part of the unit fails to light:

- Turn off the supply.
- Check all mountings and connections are secure then switch on the unit.
- Check the LED strips are correctly fitted. Turn the supply on.
- If any of the LED strips still fail to light please contact your supplier.

Multiple Control via Remote Dimmer (Included)

Up to 20 LED fixtures can be linked and controlled using the included remote dimmer. Each unit connects directly to the dimmer via the control ports, allowing simple and simultaneous adjustment across all connected fixtures.



Connecting to the DAYLIGHT LED Controller (Sold separately)

The 1030 PRO fixture can be controlled using the DAYLIGHT LED Controller (sold separately), with support for up to 50 units per controller zone. 100 in total. Each unit can be linked to the same controller for centralised operation.

CO₂ Supplementation Recommended

To maximise the performance of the DAYLIGHT 1030W PRO LED, we recommend using CO₂ enrichment in your grow space.

This fixture delivers extremely high light intensity, capable of exceeding 1200 $\mu\text{mol}/\text{m}^2/\text{s}$ in many canopy scenarios. At these levels, most plants require elevated CO₂ concentrations to maintain optimal photosynthesis and avoid stress.

Recommended CO₂ Range

800–1200 ppm during the photoperiod.

Ensure adequate air movement and monitoring for safety and effectiveness.

Without CO₂ supplementation, growers should carefully manage hanging height and dimming settings to avoid oversaturating plants, particularly during early growth stages.

Tip: To fine-tune your setup with precision, we recommend using a Maxibright PAR Meter for checking light levels at canopy height, helping you optimise both intensity and uniformity across your grow space.

Scan QR code for more information
on this fixture and test results.



Guarantee & Liability

The Maxibright Daylight LED guarantee (terms & conditions apply), excludes tampering.

In the unlikely event that you find fault with this product, please contact your supplier.

The manufacturer shall not be responsible for any damage caused by operation of the unit, be it incidental or consequential; or of any type; including, without limitation, damage or injury, caused to other products, machinery, or buildings. Nor will responsibility be accepted for loss of time or profit, loss of finished product, or for any inconvenience caused in any way whatsoever.

Disposal

This unit is not suitable for disposal as or with household waste.

It should be taken to a local recycling centre.

growwithdaylight.co.uk

Technical Specifications

Model: DAYLIGHT 1030W PRO LED

SKU: 50774

Power Consumption: 1030W

Photosynthetic Photon efficacy (PPE): 3.1 $\mu\text{mol}/\text{J}$

Photosynthetic Photon Flux (PPF): 3193 $\mu\text{mol}/\text{s}$

Input Voltage Range: 120-277V AC

Input Frequency: 50/60 Hz

Power Factor: >0.95 (At 230V, full load)

Input Current (typical): 8.9A @120V, 4.5A @230V, 3.7A @277V

Dimming Options

Onboard Dimmer: 25% / 50% / 75% / 100%

Remote Control: 20%-100% compatible

Spectral Output

Full Spectrum with added Far Red

(Includes wavelengths beyond 700nm to Support flowering and morphogenesis)

Environmental Ratings

IP Rating: IP65 (dust-tight & water-resistant)

Operating Temp: -10°C to +40°C

Storage Temp: -25°C to +50°C

Safety & Compliance

Surface Temperature rise: <45°C (at 230V input, 25°C ambient)

Insulation Resistance: $\geq 2 \text{ m}\Omega$ @ 500 V DC

Ground Resistance: <0.1 Ω @10A

Hi-Pot Test: 1554V AC, 5.5mA max, 60s

Certifications: IEC 60598-1, EN 61347-1, EN 61347-2-13

EMC Compliance

EMI: EN55015

EMS: IEC 61000 series

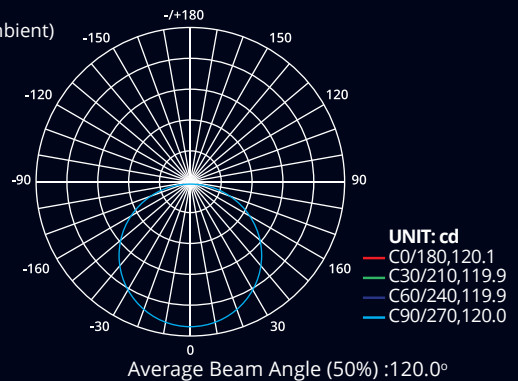
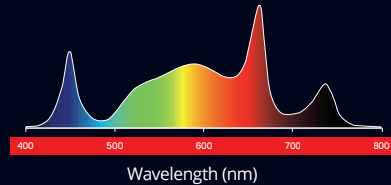
Surge: IEC 61000-4-5

EFT: IEC 61000-4-4

Voltage Dips: IEC 61000-4-11

ESD: IEC 61000-4-2

Humidity: 20-90% RH (non-condensing)



Product Dimensions:

