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Smartwares FCL-80114

Smartwares FCL-80114 LED Work Light Instruction Manual

Model: FCL-80114

1. Introduction

Thank you for purchasing the Smartwares FCL-80114 LED Work Light. This powerful and versatile work light is designed to provide bright, efficient illumination for various tasks, both indoors and outdoors. Featuring two independently adjustable 30W LED lamps and a sturdy, height-adjustable tripod, it ensures optimal lighting for your workspace. Please read this manual carefully before assembly and operation to ensure safe and correct use of the product.





Figure 1: Smartwares FCL-80114 LED Work Light, fully assembled.

2. Safety Instructions

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Electrical Safety:** Ensure the power outlet matches the voltage requirements of the work light. Do not operate the light with a damaged cord or plug. Always unplug the light before cleaning or performing any maintenance. Keep the power cord away from heat, sharp edges, and moving parts.
- **Light Safety:** Do not stare directly into the LED light source when it is illuminated, as this may cause eye strain or damage.
- **Placement:** Ensure the tripod is placed on a stable, level surface to prevent tipping. Do not place the light near flammable materials.
- **Environmental Conditions:** The work light has an IP65 rating, meaning it is protected against dust ingress and low-pressure water jets. It is suitable for outdoor use but should not be submerged in water. Avoid using in extreme temperatures.
- **Children and Pets:** Keep the work light out of reach of children and pets.

3. Package Contents

Verify that all components are present in the package:

- Smartwares FCL-80114 LED Work Light (2 x 30W LED units with frame)
- Adjustable Tripod Stand
- Carrying Bag
- Instruction Manual (this document)

4. Setup and Assembly

Follow these steps to assemble your Smartwares LED Work Light:

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Assemble Tripod:** Extend the legs of the tripod stand to form a stable base. Secure them in place if there are locking mechanisms.
3. **Attach Light Unit to Tripod:** Mount the LED light unit frame onto the top of the tripod stand. Secure it using the provided screws or locking knobs. Ensure it is firmly attached.
4. **Adjust Height:** Loosen the height adjustment clamps on the tripod, extend the central pole to your desired height (between 100 cm and 170 cm), and then securely tighten the clamps.
5. **Orient Lights:** Adjust the angle and direction of each individual LED lamp as needed. Each lamp can be oriented independently.



Figure 2: Assembly steps for the work light.



Figure 3: Detail of the tripod height adjustment mechanism.

5. Operating Instructions

Once assembled, operating the work light is straightforward:

1. **Connect to Power:** Plug the 3-meter power cable into a suitable electrical outlet.
2. **Switch On/Off:** Each LED lamp has an independent power switch located on its back. Press the switch to turn the light ON or OFF.
3. **Adjust Illumination:** Reposition the individual LED lamps as required to direct light precisely where it is needed. The lamps can also be detached from the tripod for ground-level use.



Figure 4: Rear view of the LED units with individual power switches.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your work light:

- **Cleaning:** Disconnect the power before cleaning. Wipe the light units and tripod with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, fold the tripod and detach the light unit if desired. Store the entire unit in the included carrying bag to protect it from dust and damage. Store in a dry place.

- **Inspection:** Periodically check the power cord, plug, and light housing for any signs of damage. If damage is found, do not use the light and contact customer support.



Figure 5: Work light folded for storage with its carrying bag.

7. Troubleshooting

If you encounter issues with your Smartwares LED Work Light, refer to the following common solutions:

- **Light does not turn on:**
  - Ensure the power cord is securely plugged into a functional electrical outlet.
  - Check that the individual power switches on the back of each LED lamp are in the 'ON' position.
  - Verify that the power outlet itself is working by plugging in another device.
- **Light is dim or flickers:**
  - Ensure the power connection is stable.
  - If the issue persists, discontinue use and contact customer support.
- **Tripod is unstable:**

- Ensure the tripod legs are fully extended and all locking clamps for height adjustment are securely tightened.
- Place the tripod on a flat, stable surface.

For issues not covered here, please contact customer support.

8. Specifications

Feature	Specification
Brand	Smartwares
Model Number	FCL-80114
Product Dimensions (L x W x H)	66 x 87 x 170 cm
Item Weight	5.83 Kilograms
Material	Aluminum
Color	Black, Orange
Light Source Type	LED
Number of Light Sources	2
Power (per light)	30 Watts
Maximum Watts (Total)	60 Watts
Luminous Flux (Total)	4800 lm
Color Temperature	4000 Kelvin (Neutral White)
Average Lifespan	25000 Hours
IP Rating	IP65
Power Source	Corded Electric
Cable Length	3 meters
Adjustable Height	100 - 170 cm

9. Warranty and Support

Smartwares products are designed and manufactured to high-quality standards. For information regarding warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Smartwares website. If you require technical assistance or have questions about your product, please contact Smartwares customer support.

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