

ANSMANN FL1600R 20W

ANSMANN FL1600R 20W Cordless LED Work Light

Instruction Manual

1. INTRODUCTION

Thank you for choosing the ANSMANN FL1600R 20W Cordless LED Work Light. This manual provides important information regarding the safe operation, setup, maintenance, and troubleshooting of your new work light. Please read these instructions carefully before use and retain them for future reference.

The ANSMANN FL1600R is designed for various craft activities, offering a balance of performance and mobility. Its compact design, battery operation, and high light output ensure comfortable and efficient work.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the product:

- Do not look directly into the LED light source when it is active, as this may cause eye damage.
- Keep the device away from children.
- Do not open or modify the device. Repairs should only be performed by qualified personnel.
- Use only the original power supply unit provided with the device for charging.
- Ensure the work light is placed on a stable surface to prevent it from tipping over.
- Do not operate the device if it is visibly damaged.
- The work light is IP54 rated for protection against dust and splashing water. Do not immerse it in water.
- Operate the device within the specified temperature range of -20 °C to 50 °C.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1x ANSMANN FL1600R 20W Cordless LED Work Light (approx. 1440 g)
- 1x Power Supply Unit (12 V/1000 mA – European plug)
- 1x User Manual

4. PRODUCT OVERVIEW

The ANSMANN FL1600R features a robust design with a blue frame and a black light housing. It includes an integrated stand for flexible positioning and a handle for portability.



Figure 1: Front view of the ANSMANN FL1600R 20W Cordless LED Work Light, highlighting its blue frame and black LED housing.

5. SETUP

The ANSMANN FL1600R is designed for immediate use. No complex assembly is required.

1. **Unpacking:** Carefully remove the work light and all accessories from the packaging.
2. **Positioning:** Place the work light on a stable, flat surface using its integrated adjustable stand. The stand allows for flexible angling of the light.
3. **Optional Mounting:** The work light features an integrated tripod mount for use with compatible tripods (sold separately). It can also be mounted using a wall-mount bracket (see Figure 2).



Figure 2: Illustration of mounting options, including a tripod stand and wall-mount bracket (accessories sold separately).

6. OPERATING INSTRUCTIONS

The work light offers three illumination levels for various needs.

1. **Power On/Off:** Locate the power button, typically on the back or side of the light housing. Press once to turn on the light.
2. **Adjusting Brightness:** Subsequent presses of the power button will cycle through the brightness levels:
 - **25% Brightness:** Approximately 400 lumens, providing up to 10 hours of illumination.
 - **50% Brightness:** Approximately 800 lumens, providing up to 6 hours of illumination.
 - **100% Brightness:** Approximately 1600 lumens, providing up to 3 hours of illumination.
3. **Power Off:** After cycling through all brightness levels, pressing the button again will turn off the work light.



20
Watt

1600
Lumen



Figure 3: Icons illustrating the key features: 20W power, 1600 lumens output, rechargeable battery, and three dimming levels.



Figure 4: The work light in a typical workshop application, demonstrating its portability and utility.

7. CHARGING THE BATTERY

The ANSMANN FL1600R is equipped with a rechargeable Lithium-ion battery.

1. **Connect Charger:** Plug the provided power supply unit into the charging port on the work light. Then, connect the power supply to a suitable wall outlet.
2. **Charging Indicator:** The work light typically has an indicator light that shows the charging status. Refer to the specific indicator behavior in the product's quick start guide if available.
3. **Charging Time:** A full charge for the 32.6 Wh battery takes approximately 4 to 5 hours.
4. **Operation During Charging:** If the lamp is switched on while charging, its brightness will be reduced to 50% to prioritize charging efficiency and prevent overheating.

8. MAINTENANCE

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

- **Cleaning:** Clean the exterior of the work light with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the charging port is free of dust and debris.
- **Storage:** When not in use for extended periods, store the work light in a cool, dry place. It is recommended to charge the battery every 3-6 months to maintain its health.
- **Battery Care:** The integrated Lithium-ion battery is not user-replaceable. Do not attempt to open the battery compartment.

9. TROUBLESHOOTING

If you encounter issues with your ANSMANN FL1600R, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the battery using the provided power supply.
Light is dim or flickers.	Low battery charge.	Recharge the battery.
Charging does not start.	Power supply not properly connected or faulty.	Ensure the power supply is securely connected to both the light and the wall outlet. Try a different outlet. Verify the power supply is not damaged.
Brightness reduced during charging.	Normal operation.	This is an intended feature to protect the battery and charging circuit. Full brightness resumes once charging is complete and the charger is disconnected.

If the problem persists after attempting these solutions, please contact ANSMANN customer support.

10. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	1600-0275
Brand	ANSMANN
Power	20 Watts
Luminous Flux	1600 lumens (max)
Illumination Levels	25% (400 lm, 10h), 50% (800 lm, 6h), 100% (1600 lm, 3h)
Color Temperature	5000 Kelvin (Daylight White)
Color Rendering Index (CRI)	> 80
Battery Type	4x Lithium-ion (included), 32.6 Wh
Charging Time	4-5 hours
Input Voltage	12 Volts (via power supply)
Protection Rating	IP54 (Dust and splash water protected)
Operating Temperature	-20 °C to 50 °C
Dimensions (L x W x H)	8.5 x 28.5 x 27.5 cm
Weight	1.48 kg (1485 g)
Material	Metal

Feature	Specification
Average Lifespan	50,000 Hours
Energy Label	F (as per EU Energy Label)



Figure 5: Key features of the work light, including 5000K daylight white, CRI > 80, temperature resistance, and IP54 rating.

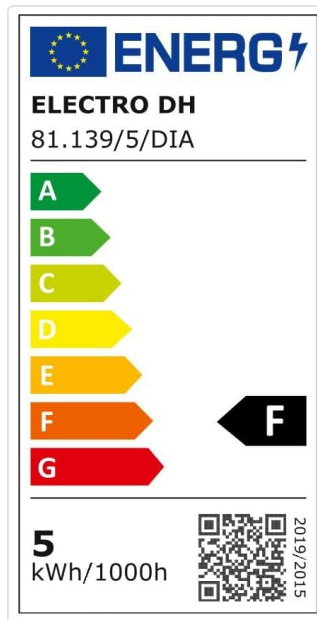


Figure 6: EU Energy Label for the product, indicating an energy efficiency class of F. For more details, refer to the [EPREL database](#).

11. WARRANTY AND SUPPORT

ANSMANN provides a **10-year manufacturer's warranty** for this product, excluding the battery. The battery is subject to standard warranty terms for rechargeable batteries.

For warranty claims, technical support, or spare parts availability, please contact your retailer or ANSMANN customer service directly. Availability of spare parts is guaranteed for 1 year.





Please have your model number (1600-0275) and proof of purchase ready when contacting support.

12. ENVIRONMENTAL INFORMATION

Do not dispose of the device or its battery with household waste. Electronic devices and batteries must be collected separately and recycled in an environmentally sound manner. Please use the return and collection systems available in your country for disposal.

Related Documents - FL1600R 20W

	<p>ANSMANN Touch Lamp 3IN1 User Manual - Portable LED Work Light</p> <p>Comprehensive user manual for the ANSMANN Touch Lamp 3IN1 (Model 1600-0526), detailing safety instructions, intended use, product features, operation, and disposal. Features include adjustable brightness, multiple mounting options, and USB-C charging.</p>
	<p>ANSMANN Mini-Booster-500R Rechargeable LED Work Light User Manual</p> <p>User manual for the ANSMANN Mini-Booster-500R, a rechargeable 4.5W COB-LED work light with multiple modes, belt clip, and magnetic mounting. Includes safety instructions, operating guide, and disposal information.</p>

	<p><u>Ansmann Cabinet Light S User Manual: Safety, Features, and Operation</u></p> <p>Comprehensive user manual for the Ansmann Cabinet Light S, covering safety instructions, product description, intended use, operation, charging, and disposal information. Features LED lighting with motion sensor and rechargeable battery.</p>
	<p><u>ANSMANN M900P LED Flashlight Operating Instructions</u></p> <p>Comprehensive operating instructions, safety guidelines, environmental information, and warranty details for the ANSMANN M900P LED flashlight. Learn about battery replacement, safe usage, and product specifications.</p>
	<p><u>ANSMANN Future Multi 3in1 LED Flashlight Operating Instructions</u></p> <p>User manual for the ANSMANN Future Multi 3in1 LED flashlight, covering battery replacement, safety warnings, environmental information, optical radiation hazards, limitation of liability, and warranty details.</p>
	<p><u>ANSMANN FUTURE M250F LED Torch - User Manual & Safety Guide</u></p> <p>Comprehensive operating instructions, safety guidelines, and technical specifications for the ANSMANN FUTURE M250F LED flashlight. Learn about battery replacement, environmental disposal, and hazard information.</p>