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SEBSON UNDER_LED_60F

SEBSON LED Light Bar 60cm User Manual

Model: UNDER_LED_60F | Brand: SEBSON

1. Introduction

This user manual provides comprehensive instructions for the safe and efficient use of your SEBSON 60cm LED Light Bar. Please read this manual thoroughly before installation and operation, and retain it for future reference.

1.1 Safety Instructions

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- Installation should only be performed by a qualified electrician or competent person, in accordance with local electrical codes and regulations.
- Do not modify or alter the product in any way. Unauthorized modifications may lead to electric shock, fire, or damage to the product.
- This product is designed for indoor use only. Do not expose to water, high humidity, or extreme temperatures.
- Do not look directly into the LED light source when it is illuminated, as this may cause eye strain or damage.
- Keep the product out of reach of children.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

2. Product Overview

The SEBSON LED Light Bar is an energy-efficient lighting solution, ideal for under-cabinet illumination in kitchens, workshops, or other areas requiring focused light. It features a slim design and an integrated switch for convenient operation.



Figure 2.1: Overview of the SEBSON 60cm LED Light Bar, showcasing its sleek, linear design.



Figure 2.2: Detail of the integrated ON/OFF switch located at one end of the light bar, along with the power cable connection.

2.1 Dimensions



Figure 2.3: Technical diagram illustrating the dimensions of the 60cm LED Light Bar: 600mm (length) x 50mm (width) x 13mm (height).

3. Setup and Installation

Follow these steps for proper installation of your LED light bar. Ensure all safety precautions are observed.

3.1 Unpacking

1. Carefully remove the LED light bar and all accessories from the packaging.
2. Inspect the product for any signs of damage. Do not proceed with installation if the product is damaged.
3. Keep packaging materials away from children.

3.2 Mounting

The light bar is designed for surface mounting. It comes with mounting hardware (screws and dowels) for secure attachment.

1. Choose a suitable mounting location, typically under a cabinet or shelf, ensuring it is a dry indoor environment.
2. Mark the drilling points for the mounting clips/brackets. Refer to the product's dimensions for accurate spacing.
3. Drill pilot holes at the marked points.
4. Secure the mounting clips/brackets to the surface using the provided screws and dowels.
5. Carefully snap the LED light bar into the secured mounting clips/brackets. Ensure it is firmly seated.



Figure 3.1: Example of the LED light bar installed discreetly under kitchen cabinets, providing illumination to the countertop.

3.3 Electrical Connection

The light bar is equipped with a power cable and a standard EU 2-pin plug (Type C/E/F). It operates on 230V AC.

1. Once the light bar is securely mounted, plug the power cable into a suitable 230V AC wall socket.
2. Ensure the socket is easily accessible for disconnecting power if needed.

4. Operating Instructions

Operating the SEBSON LED Light Bar is straightforward due to its integrated switch.

1. To turn the light bar ON, locate the switch on the side of the bar and toggle it to the 'ON' position.
2. To turn the light bar OFF, toggle the switch to the 'OFF' position.

3. The light bar provides a warm white light (3000K) and is not dimmable.

5. Maintenance and Care

Regular maintenance ensures the longevity and optimal performance of your LED light bar.

- **Cleaning:** Before cleaning, always disconnect the power supply. Use a soft, dry, or slightly damp cloth to wipe the surface of the light bar. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Storage:** If storing the light bar for an extended period, ensure it is clean, dry, and stored in a cool, dry place away from direct sunlight and extreme temperatures.
- **Lamp Replacement:** The LED light source in this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

6. Troubleshooting

This section addresses common issues you might encounter with your LED light bar.

Problem	Possible Cause	Solution
Light bar does not turn on.	No power supply; Switch is OFF; Faulty socket.	Check if the power cable is securely plugged in. Ensure the wall socket has power. Toggle the switch to the 'ON' position. Try plugging into a different socket.
Light flickers or is dim.	Unstable power supply; Product defect.	Ensure the power supply is stable. If the issue persists, contact customer support.
Light bar makes unusual noise.	Internal component issue.	Immediately disconnect power. Do not attempt to repair. Contact customer support.

7. Technical Specifications

Detailed specifications for the SEBSON 60cm LED Light Bar.

Specification	Value
Brand	SEBSON
Model Number	UNDER_LED_60F
Dimensions (L x W x H)	60 x 1.3 x 5 cm
Weight	300 g
Power Consumption	11 W

Specification	Value
Luminous Flux	715 lm
Incandescent Equivalent	55 Watts
Color Temperature	3000 Kelvin (Warm White)
Color Rendering Index (CRI)	80.00
Beam Angle	120 Degrees
Average Lifespan	15000 Hours
Voltage	230 Volts
Plug Type	Type_CEF_2pin_EU
Material	Aluminum (body), Plastic (lampshade)
Dimmable	No (Non-dimmable)
Usage	Indoor use only

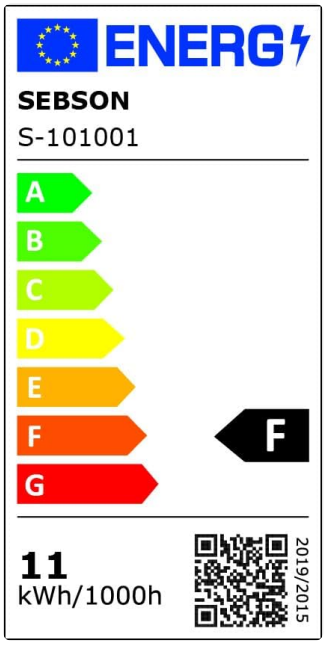


Figure 7.1: Energy efficiency label for the SEBSON LED Light Bar, indicating its energy class F.

For more details, refer to the EPREL database: https://eprel.ec.europa.eu/qr/2372110

8. Warranty and Customer Support

8.1 Warranty Information

SEBSON products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty. Please refer to your purchase documentation or the seller's terms and conditions for specific warranty details and duration.

8.2 Customer Support

If you encounter any issues or have questions regarding your SEBSON LED Light Bar that are not covered in this manual, please contact your retailer or SEBSON customer support for assistance. Provide your model number (UNDER_LED_60F) and a detailed description of the issue when contacting support.

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