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LEDKIA LIGHTING 61366_119898

LEDKIA LIGHTING LED Linear Washlight 18W 500mm User Manual

Model: 61366_119898 | Brand: LEDKIA LIGHTING

1. Introduction

Thank you for choosing the LEDKIA LIGHTING LED Linear Washlight. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting product. Please read these instructions carefully before use and retain them for future reference.

This 18W, 500mm LED Linear Washlight is designed for versatile indoor and outdoor applications, offering 4000K neutral white light with an IP65 rating for durability in various environments.

2. Safety Instructions

- Always disconnect power before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Ensure the power supply voltage matches the product's requirements (230V).
- Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.
- The product is IP65 rated, meaning it is protected against dust ingress and low-pressure water jets. It is not suitable for submersion in water.
- Avoid direct eye exposure to the LED light source.
- Ensure proper ventilation around the fixture to prevent overheating.

3. Product Overview

The LEDKIA LIGHTING LED Linear Washlight is a robust and efficient lighting solution. Its aluminum chassis and polycarbonate lens ensure durability, while the adjustable support allows for flexible installation.

Key Features:

- **Power:** 18W
- **Luminous Flux:** 1260 lumens
- **Color Temperature:** 4000K Neutral White
- **IP Rating:** IP65 (Suitable for indoor and outdoor use)

- **Material:** Robust Aluminum Chassis, Polycarbonate Lens
- **Installation:** Adjustable support for wall, ceiling, or floor mounting
- **Connectivity:** Linkable up to 22 units (maximum 400W total)

Components:

- LED Linear Washlight Unit
- Adjustable Mounting Brackets
- Power Cable



Figure 3.1: Front view of the LED Linear Washlight.



Figure 3.2: Close-up view of the LED array and robust construction.

4. Setup & Installation

4.1 Mounting the Washlight

1. **Choose Location:** Select a suitable location for installation, considering the desired lighting effect and ensuring the surface can support the fixture's weight. The adjustable brackets allow for wall, ceiling, or floor mounting.
2. **Attach Brackets:** Secure the adjustable mounting brackets to the desired surface using appropriate screws and anchors (not included). Ensure the brackets are firmly fixed and level.
3. **Position Washlight:** Attach the washlight unit to the adjustable brackets. Use the provided screws to secure the fixture, allowing for angle adjustment.
4. **Adjust Angle:** Loosen the bracket screws slightly to adjust the washlight to the desired angle, then tighten securely.



Figure 4.1: Detail of the adjustable mounting bracket for flexible installation.

4.2 Electrical Connection

1. **Power Disconnection:** Ensure the main power supply is turned off before making any electrical connections.
2. **Connect Power Cable:** Connect the provided power cable to the washlight's input connector. Ensure a secure and watertight connection, especially for outdoor installations.
3. **Connect to Mains:** Connect the other end of the power cable to a suitable 230V AC power source. If using an external switch, ensure it is properly wired.



Figure 4.2: Back view showing the power input and output connectors.



Figure 4.3: Detail of the power cable connector.

4.3 Linking Multiple Units (Daisy-Chaining)

This washlight can be linked in series with other compatible units to create a continuous light line. Up to 22 units can be connected, provided the total wattage does not exceed 400W.

1. **Calculate Total Wattage:** Before linking, calculate the total wattage of all units to ensure it does not exceed 400W. (18W per unit * 22 units = 396W).
2. **Connect Units:** Use the output connector of the first washlight and connect it to the input connector of the next washlight. Repeat for subsequent units.
3. **Secure Connections:** Ensure all linked connections are secure and watertight.



Figure 4.4: Example of connecting multiple washlights in series.

5. Operation

Once properly installed and connected to the power supply, the LED Linear Washlight will illuminate when power is supplied. If an external switch is used, operate the light by turning the switch ON/OFF.



Figure 5.1: The LED Linear Washlight in operation, illuminating a facade.

6. Maintenance

- **Cleaning:** Clean the fixture regularly with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or lens.
- **Inspection:** Periodically inspect the fixture, power cable, and connections for any signs of damage, wear, or corrosion. Ensure all seals are intact to maintain the IP65 rating.
- **Repairs:** Do not attempt to repair the fixture yourself. Contact qualified personnel for any repairs.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose connection; Faulty switch	Check power source; Ensure all connections are secure; Test or replace switch
Light flickers	Unstable power supply; Loose wiring; Overloaded circuit	Check power stability; Secure all wiring; Reduce load on circuit or use a dedicated circuit
Reduced brightness	Dirt or debris on lens; Extreme environmental conditions; Product nearing end of life	Clean the lens; Ensure operating within specified temperature range; Consider replacement if product is old

8. Specifications

Feature	Value
Brand	LEDKIA LIGHTING
Model Number	61366_119898
Power	18W
Luminous Flux	1260 lm
Color Temperature	4000K Neutral White
Voltage	230V
IP Rating	IP65 (Indoor & Outdoor Use)
Material	Aluminum Chassis, Polycarbonate Lens
Dimensions (LxWxH)	500 x 61 x 130 mm
Weight	1 kg
Mounting Type	Adjustable Bracket (Wall, Ceiling, Floor)
Linkable	Yes, up to 22 units (max 400W total)
Included Components	Washlight Unit, Adjustable Brackets, Power Cable
Finish Type	Painted
Light Source	LED
Energy Efficiency Class	F
Country of Origin	China

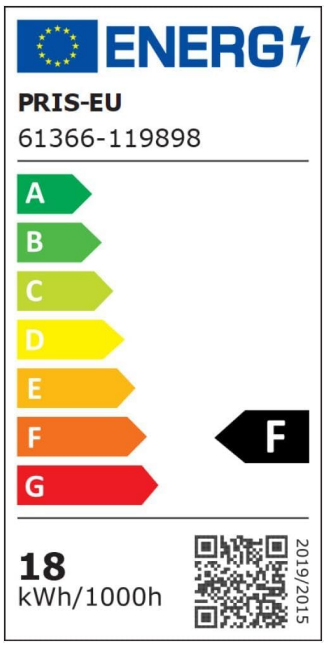

Figure 8.1: Energy Label. For more details, visit https://eprel.ec.europa.eu/qr/1194833

9. Warranty & Support

This product is covered by the manufacturer's standard warranty. Please refer to your purchase documentation or contact your retailer for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or replacement parts, please contact LEDKIA LIGHTING customer service or your authorized dealer. Do not attempt to open or repair the product yourself, as this may void the warranty.

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