

Ledvion LVO10066

Ledvion LED Wall Light Instruction Manual

Model: LVO10066

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Ledvion Square LED Wall Light. This 9W, 3000K, IP54 rated fixture is designed to provide double-faced up and down illumination for both indoor and outdoor environments. Please read these instructions carefully before installation and retain them for future reference.

2. SAFETY INFORMATION

- Always disconnect the power supply before attempting any installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician or competent person if you are unsure about electrical wiring.
- Ensure the product is properly grounded to prevent electric shock.
- Do not modify the product in any way, as this may void the warranty and create safety hazards.
- Avoid looking directly into the LED light source when it is active, as it may cause eye strain.
- This product is rated IP54, meaning it is protected against dust ingress and splashing water from any direction. However, it should not be submerged in water.

3. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

WHAT'S IN THE BOX

SKU: LVO10066



1x Wall lamp



2x Screw wall plugs



2x Screws



1x Allen key



1x Manual

Image: Components included in the product packaging.

- 1x Ledvion Square LED Wall Light
- 2x Screw wall plugs
- 2x Screws
- 1x Allen key
- 1x Instruction Manual

4. SPECIFICATIONS

Brand	Ledvion
Model Number	LVO10066
Power Consumption	9 Watts
Luminous Flux	800 Lumens
Color Temperature	3000 Kelvin (Warm White)

Voltage	230 Volts
IP Rating	IP54 (Dust and Splash-proof)
Material	Aluminium, Glass
Color	Black
Dimensions (L x W x H)	24 x 9 x 9 cm
Weight	750 g
Light Source	Integrated COB LED
Installation Type	Wall Mount, Surface Mount
Usage	Indoor/Outdoor





Image: Detail of the integrated COB LED light source.

5. SETUP AND INSTALLATION

The Ledvion LED Wall Light is designed for straightforward wall-mounted installation. Follow these steps carefully:

1. **Preparation:** Ensure the power supply to the installation area is turned off at the main circuit breaker. Gather necessary tools (drill, screwdriver, pencil, measuring tape).
2. **Marking:** Choose a suitable location on the wall. Use the fixture or mounting bracket (if separate) to mark the drilling points for the screws.
3. **Drilling:** Drill holes at the marked points. Insert the provided wall plugs into the drilled holes.
4. **Wiring:** Connect the electrical wires from your mains supply to the terminal block inside the fixture. Ensure correct polarity: Live (L), Neutral (N), and Earth/Ground. Secure all connections firmly.
5. **Mounting:** Align the fixture with the wall plugs and secure it using the provided screws. Tighten the screws until the fixture is firmly attached to the wall.
6. **Final Check:** Ensure all connections are secure and the fixture is stable. Restore power to the circuit.



Image: Example of the wall light installed, demonstrating its up and down illumination.

6. OPERATING INSTRUCTIONS

The Ledvion LED Wall Light operates via a standard wall switch connected to its power supply. Once installed and wired correctly, simply toggle the connected wall switch to turn the light ON or OFF. The integrated COB LED provides a consistent 3000K warm white light with 800 lumens of brightness.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Ledvion LED Wall Light, follow these maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Wipe the exterior of the fixture with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or the LED components.
- **Inspection:** Periodically check the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and address them promptly.
- **IP54 Rating:** The IP54 rating protects against dust and splashes. While suitable for outdoor use,

avoid direct high-pressure water jets or prolonged submersion.



Image: The IP54 rating ensures protection against dust and splashes.

8. TROUBLESHOOTING

If you encounter issues with your Ledvion LED Wall Light, refer to the following common troubleshooting steps:

- **Light does not turn on:**

- Check if the power supply to the fixture is active.
- Ensure the wall switch controlling the light is in the 'ON' position.
- Verify all electrical connections are secure and correctly wired (Live, Neutral, Earth).
- Check the circuit breaker for any tripped circuits.

- **Light flickers or is dim:**

- Ensure stable power supply.
- Check for loose wiring connections.
- Confirm the fixture is receiving the correct voltage (230V).

- **Water ingress or condensation:**

- While IP54 rated, ensure the fixture is installed correctly and all seals are intact.
- If water is present, disconnect power immediately and inspect for damage or improper installation.

If these steps do not resolve the issue, please contact customer support.

9. WARRANTY

This Ledvion LED Wall Light comes with a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. The robust aluminium housing is designed for long-lasting performance and durability.

WARRANTY OF 3 YEARS

YEAR WARRANTY

The strong aluminium housing ensures for a long lasting usage

ALUMINIUM

NO RUST & CORROSION

Ledvion

Image: Warranty information for the Ledvion LED Wall Light.

Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

10. ENERGY EFFICIENCY

This Ledvion LED Wall Light has an energy efficiency rating of **F** according to the latest EU energy labeling standards. LED technology is inherently energy-efficient, providing significant savings compared to traditional lighting sources.

Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen			
Name oder Handelsmarke des Lieferanten: Ledvion			
Anschluß des Lieferanten: Topyon B.V., Halbraken 1205, 5507TB Veldhoven Nld, NL			
Modellnummer: LVD10066			
Art der Lichtquelle:			
Verwendete Beleuchtungstechnologie:	LED	ungebündelt oder gebündelt:	NDLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	CONTAINER-G_PRODUCT		
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	NMIS	Vernetzte Lichtquelle (LLS)	Nein
Farblich abstimmbare Lichtquelle:	Nein	HUE:	-
Lichtquelle mit hoher Leuchtdichte:	Nein		
Blendschutzschilde:	Nein	Dimmbar:	Nein
Produktparameter			
Parameter	Wert	Parameter	Wert
Allgemeine Produktparameter:			
Energieverbrauch im Ein-Zustand (90h/1000 h), auf die nächstgelegene ganze Zahl gerundet	4	Energieeffizienzklasse	F
Wertschaden (Wert) mit Angabe, ob sich der Wert auf das Lichtstrom in einer Kugel (360°), in einem breiten Kegel (120°) oder in einem schmalen Kegel (60°) bezieht	500 in Kugel (360°)	Äquivalente Farbtemperatur, gerundet auf die nächstgelegene 100 K, oder Spanne der einstellbaren äquivalenten Farbtemperatur, gerundet auf die nächstgelegene 100 K	3 000
Leistungsaufnahme im Ein-Zustand (P _{on}) in W	3,6	Leistungsaufnahme im Bereitschaftszustand (P _{by}) in W, auf die zweite Dezimalstelle gerundet	0,08
Leistungsaufnahme im vernetzten Bereitschaftsbetrieb (P _{by})	-	Farbwiedergabeindex, auf die nächstgelegene ganze Zahl gerundet	80
Seite 1/4			
Für CRI in W, auf die zweite Dezimalstelle gerundet			
äußere Abmessungen, ggf. ohne angetriebene Teile (Millimeter)	Höhe: 230 Breite: 80 Tiefe: 80	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Vollast	Siehe Bild auf letzter Seite
Angabe zu einer gleichwertigen Leistungsaufnahme ¹⁾	Ja	Falls Ja, gleichwertige Leistungsaufnahme (W)	42
		Farbwiedergabeindex (x und y)	1,363 0,420
Parameter für LED- und OLED-Lichtquellen:			
Wert des Risikofaktors	1	Lebensdauerfaktor	0,90
Lichtstromerhalt (L ₇₀ , nicht zurechenbar)	0,99		
L ₇₀ , nicht zurechenbar			
R ₉ , nicht zurechenbar			
Seite 2/4			
Seite 3/4			
Das Modell wurde auf dem Unionsmarkt in Verkehr gebracht, und zwar ab dem			
EPREL-Eintragsnummer: 1579160			
https://eprel.eu.europa.eu/ep/1579160			



Image: EU Energy Label for model LVO10066.

For more detailed information on the product's energy performance, you can refer to the EPREL database using the following link: [EPREL Product Information](#)

11. SUPPORT

For further assistance, technical support, or warranty claims, please contact your retailer or the manufacturer, Ledvion. Refer to your purchase documentation for specific contact details.