

LVWIT LG09L-A-220-18

LVWIT 24W LED Ceiling Light (Model LG09L-A-220-18) Instruction Manual

Model: LG09L-A-220-18 | Brand: LVWIT

1. INTRODUCTION

Thank you for choosing the LVWIT 24W LED Ceiling Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new ceiling light. Please read these instructions carefully before installation and retain them for future reference.

The LVWIT 24W LED Ceiling Light is designed to provide bright, neutral white illumination (4000K) with a luminous flux of 2400 lumens. Its IP65 waterproof rating makes it suitable for various indoor and outdoor covered applications, including bathrooms, kitchens, and balconies.



Image 1.1: LVWIT 24W LED Ceiling Light, showcasing its round, flat design and bright illumination.

2. SAFETY INFORMATION

- Ensure the power supply is disconnected before installation, maintenance, or cleaning to prevent electric shock.
- Installation should be performed by a qualified electrician or a person with appropriate electrical knowledge.
- Verify that the supply voltage matches the voltage specified on the product label (230 Volts AC).
- Do not modify the product in any way, as this may void the warranty and pose safety risks.
- Avoid looking directly into the light source when it is active, as this may cause eye strain.
- This product is IP65 rated for water and dust resistance. Ensure proper sealing during installation to maintain this rating.
- Keep packaging materials out of reach of children to prevent suffocation hazards.

3. PACKAGE CONTENTS

Please check the package contents upon receipt to ensure all components are present and undamaged.

- 1 x LVWIT LED Ceiling Light
- 1 x Instruction Manual
- 1 x Installation Kit (screws, wall plugs)

PACKAGE & ACCESSORIES



Image 3.1: The product packaging and included accessories, including the ceiling light, instruction manual, and mounting hardware.

4. SPECIFICATIONS

Feature	Specification
Brand	LVWIT
Model Number	LG09L-A-220-18 (also LG09L-A-330-24)
Wattage	24 Watts
Luminous Flux	2400 Lumens
Color Temperature	4000 Kelvin (Neutral White)

Feature	Specification
Color Rendering Index (CRI)	80
Voltage	230 Volts (AC)
IP Rating	IP65 (Waterproof and Dustproof)
Material	Polycarbonate
Shape	Round
Product Dimensions	33L x 33W x 5H centimetres (Ø330mm x 50mm)
Weight	1.13 Kilograms
Light Source	Integrated LED
Switch Style	Vippströmbrytare (Toggle Switch)
Switch Installation Type	Ceiling Mount

DIMENSION



Image 4.1: Product dimensions and key features including IP65 rating and warranty period.

COLOR RENDERING INDEX

High brightness,
less thermal diffusivity,
good color rendering,
directly substitute the traditional bulb



60Ra



70Ra



80Ra



Image 4.2: Explanation of Color Rendering Index (CRI) and its impact on perceived color accuracy.

5. INSTALLATION

5.1 Pre-Installation Checklist

- Ensure the power supply to the installation area is turned off at the main circuit breaker.
- Confirm you have all necessary tools: screwdriver, drill, wire strippers, measuring tape, pencil.
- Unpack the ceiling light and check for any damage.

5.2 Mounting Steps

1. **Separate the Mounting Bracket:** Gently push the side clips to detach the mounting bracket from the main light fixture.
2. **Mark and Drill Holes:** Position the mounting bracket on the ceiling at the desired location. Use a pencil to mark the drilling points. Drill holes suitable for the provided wall plugs and screws.
3. **Secure the Mounting Bracket:** Insert the wall plugs into the drilled holes. Align the mounting bracket and secure it firmly to the ceiling using the provided screws.
4. **Wire Connection:** Connect the household electrical wires to the terminal block on the light fixture. Ensure correct polarity (Live, Neutral, Earth if applicable) according to local electrical codes. Secure the wires firmly.

5. **Attach the Light Fixture:** Align the light fixture with the secured mounting bracket. Push the light fixture upwards and rotate it slightly until it clicks into place, ensuring it is securely fastened.



Image 5.1: Visual guide for the installation process of the ceiling light.

5.3 Post-Installation

- Once the light is securely installed, restore power at the main circuit breaker.
- Test the light by turning it on and off using the wall switch.

6. OPERATION

The LVWIT 24W LED Ceiling Light operates via a standard wall switch. Once installed and powered, simply toggle the switch to turn the light on or off.

- **Light Output:** Provides 2400 lumens of neutral white light (4000K).
- **Coverage:** Suitable for illuminating rooms approximately 12 to 20 square meters.

APPLICATION

CCT: 4000K Neutral , neat , clean , efficient



PORCH/ CORRIDOR



KITCHEN

Homes , residential , shower room , bathroom , kitchen , porch...

Image 6.1: Examples of the ceiling light in different application areas such as kitchen, porch, and bathroom.



Image 6.2: The ceiling light providing illumination in a bedroom, emphasizing its IP65 rating.

7. MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the light. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **No User-Serviceable Parts:** The LED light source is integrated and not user-replaceable. Do not attempt to open or repair the fixture.
- **Regular Inspection:** Periodically check the light fixture for any signs of damage or loose connections. If any issues are observed, disconnect power and consult a qualified electrician.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty wall switch	Check circuit breaker and power supply. Ensure wires are securely connected (with power off). Test the wall switch or consult an electrician.
Light flickers	Unstable power supply Loose wiring Incompatible dimmer switch (if applicable)	Check power stability. Verify all wire connections are tight (with power off). This light is not designed for dimming unless specified.
Light is dim	Incorrect voltage Dust accumulation	Ensure correct voltage (230V AC). Clean the light surface (with power off).

9. WARRANTY AND SUPPORT

The LVWIT 24W LED Ceiling Light comes with a **3-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use. This warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

For warranty claims or technical support, please contact your retailer or the manufacturer directly with your proof of purchase and product model number.

For further information regarding product energy efficiency, please refer to the energy label provided with the product or available online.

UNDERSTANDING THE NEW ENERGY LABEL

Why are there two different energy labels with my product?

Over the last 20 years, the energy efficiency of products has improved. This means the information on the energy label needs to change to ensure it can continue to help you find the best products. As the new information is phased in, *For online sales, however, the old labels displayed online will have to be replaced by the new ones*, there will be a short time where products may feature both the old and new labels. *[NB Existing stocks with the old label may still be sold in shops until 1 March 2023.]*

Why do the two labels show different information for the same product?

The new label will show different energy ratings for your product. This may seem strange but the new label has been updated to take into account how you use your products at home, as well as providing more detailed information on other features of the product. This will give you a more accurate and realistic idea of how your product will perform over its life.

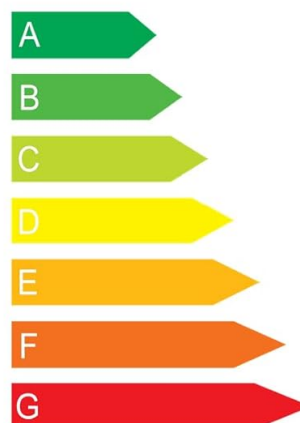
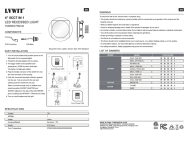
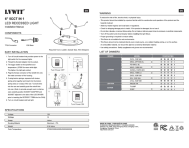


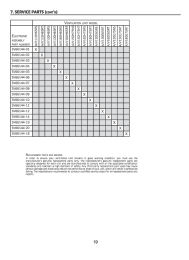
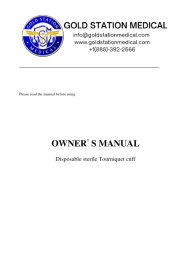


Image 9.1: Information regarding the energy efficiency label for the product.

Related Documents - LG09L-A-220-18

	<p>LVWIT 4" 5CCT 1 LED Recessed Light Installation Manual</p> <p>Comprehensive installation guide for the LVWIT 4-inch 5CCT 1 LED Recessed Light, covering components, step-by-step installation, product specifications, safety warnings, and compatible dimmer models.</p>
	<p>6" 5CCT LED Recessed Light Installation Manual</p> <p>This manual provides installation instructions and specifications for the 6" 5CCT LED Recessed Light. It includes safety warnings, component lists, and a compatibility list for dimmers.</p>
	<p>SIMAG SDE/SDH Series Ice Maker User Manual and Maintenance Guide</p> <p>Comprehensive guide for the SIMAG SDE and SDH series ice makers, covering safety, operation, cleaning, maintenance, troubleshooting, and technical specifications. Learn how to use and care for your ice cube machine.</p>
	<p>Korniche Roof Lantern Installation Guide: Step-by-Step Assembly Instructions</p> <p>Detailed installation guide for the Korniche Roof Lantern. Learn how to assemble and fit your roof lantern with clear instructions, tools required, and component lists. Ensure a professional installation.</p>
	<p>Ventilation Unit Service Parts and Model Compatibility</p> <p>This document lists service parts for ventilation units and their compatibility with various ventilation unit models. It details part numbers and indicates which models each part is compatible with, along with important information regarding the use of genuine replacement parts for optimal performance and safety.</p>
	<p>Gold Station Medical Disposable Sterile Tourniquet Cuff Owner's Manual</p> <p>Comprehensive owner's manual for Gold Station Medical's disposable sterile tourniquet cuffs, detailing product specifications, usage instructions, contraindications, and safety guidelines for limb surgery.</p>

Produktdatenblatt

DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen
Name oder Handelsmarke des Lieferanten: LVWIT
Anschrift des Lieferanten: Prolinx GmbH, Brehmstr. 56, D-40239 Düsselndorf
Modellkennung: LG09L-A-220-18

Art der Lichtquelle:

Verwendete Beleuchtungsge-
nelage:

Art des Sockels der Lichtquelle
(unter andere elektrische
Schutzstöße)

Netzspannung (Vrms) direkt an
die Netzspannung angeschlos-
sen:

Festlich abstrahlbare Licht-
quelle:

Lichtquelle mit hoher Leucht-
dichte:

Blendschutzschicht:

LED

Ungeblendet oder
getündet:

NELS

Verwendete Lichtquel-
le (ELS):

Nein

Hülle:

Nein

Dimmbar:

Nein

Produktparameter

Parameter

Wert

Parameter

Wert

Energieverbrauch im Ein-
zelstand (Wm/1000 h) auf die
nächstfolgende ganze Zahl ge-
rundet

18

Energieeffizienzklas-
se

E

Wärmeleistung (Wm) mit An-
gabe, ob sich der Wert auf
den Lichtstrom in einem Kugel
(360°), in einem breiten Kegel
(120°) oder in einem schmalen
Kegel (60°) bezieht

2 200 in Ku-
gel (360°)

Ähnliche: Farbtem-
peratur, gerundet
auf die nächst-
folgenden 100 K,
unter: Skizze des
einstellbaren Ähn-
lichen: Farbtempera-
turen, gerundet auf
die nächstfolgenden
100 K

4 000

Leistungsaufnahme im Ein-
zelstand (P_{in} in W)

18,0

Leistungsaufnahme
im Betriebszustand
stand (P_{in} in W) auf
die zweite Decimal-
stelle gerundet

0,00

Leistungsaufnahme im vermit-
telten Betriebszustand (P_{in})

-

Faktorleistungsauf-
nahme auf die
nächstfolgende gan-

80

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Produktdatenblatt DELEGIERTE VERORDNUNG EU 2019/2015 DER KOMMISSION

zur Energieverbrauchskennzeichnung von Lichtquellen Name oder Handelsmarke

des Lieferanten: LVWIT Anschrift des Lieferanten: Prolinx GmbH, Brehmstr. 56, D-

40239 Dsseldorf Modellkennung: **LG09L-A-220-18** Art der Lichtquelle: Ve...

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Scheda informativa del prodotto

REGOLAMENTO DELEGATO (UE) 2019/2015 DELLA COMMISSIONE per quanto riguarda
l'etichettatura energetica delle sorgenti luminose
Nome o marchio del fornitore: LVWIT
Indirizzo del fornitore: Prolinx GmbH, Brehmstr. 56, D-40239 Düsseldorf
Identificativo del modello: LG09L-A-220-18

Tecnologia di illuminazione:

LED

Non direzionale o di-
rettoriale:

NELS

Tipo di attacco della sorgente
luminosa
(o alla interfaccia elettrica)

A tensione di rete o non a ten-
sione di rete:

Sorgente luminosa a colori va-
riabili:

Sorgente luminosa ad alta lampa-
nosa:

Sorgente a incandescenza:

-

NELS

No

No

No

Schema di illuminazione:

Parametri del prodotto

Parametri

Valore

Parametri

Valore

Consumo di energia in modo at-
tivo (Wm/1000 h), arrotondato
al più vicino all'intero più vi-
cino

18

Classe di efficienza
energetica

E

Flusso luminoso utile (lm), in-
dicando se si riferisce al flusso in
una sfera (360°), in un cono am-
pio (120°) o in un cono stretto
(60°)

2 200 in Sfe-
ra (360°)

Temperatura di co-
lore correlata, arro-
tondata al 100 K più
vicino, oppure inter-
vallo di tempera-
re di colore correlata
che è possibile impo-
nere, arrotondata al
100 K più vicino

4 000

Potenza in modo acceso (P_{in}),
espressa in W

18,0

Potenza in mo-
do stand-by (P_{in}),
espressa in W e ar-
rotondata al secon-
do decimale

0,00

Potenza in modo stand-by in re-
te (P_{in}) per le sorgenti luminose
comuni, espressa in W e arro-
tondata al secondo decimale

-

Indice di resa croma-
tica arrotondato
all'intero più vicino,
oppure intervallo di

80

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Scheda informativa del prodotto REGOLAMENTO DELEGATO UE 2019/2015 DELLA

KOMMISSIONE per quanto riguarda l'etichettatura energetica delle sorgenti luminose

Nome o marchio del fornitore: LVWIT Indirizzo del fornitore: Prolinx GmbH, Brehmstr.

56, D-40239 Dsseldorf Identificativo del modello: LG09...

lang:it **score:22** filesize: 290.92 K page_count: 4 document date: 2024-02-14