

Proventa 4251263221565

Proventa LED TL Fixture 150 cm with Lamp - User Manual

Model: 4251263221565

1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your Proventa LED TL Fixture 150 cm. Please read these instructions carefully before installation and keep them for future reference. This product is designed for use in damp environments, both indoors and outdoors, with an IP65 rating.

The set includes 8 LED fixtures and 8 corresponding 24W LED tubes, providing neutral white light at 4000K.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with local wiring regulations. Always disconnect power before installation, maintenance, or repair.
- **Transport Protection:** The LED tubes are equipped with transport protection. This must be removed before inserting the tubes into the fixture and commissioning.
- **Environmental Conditions:** The fixture is rated IP65 for protection against dust and water jets. It is suitable for operating temperatures between -15°C and 45°C. Do not expose the fixture to temperatures outside this range.
- **Damage:** Do not use the product if any part is damaged. Contact customer support for replacement parts.
- **Cleaning:** Only clean with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Disposal:** Dispose of the product and its components responsibly according to local regulations for electronic waste.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 8x Proventa IP65 LED TL Fixture Housings
- 8x Proventa 24W LED TL Tubes (4000K, G13 socket)
- Mounting hardware (brackets, screws, wall plugs)

Anschluss



Figure 3.1: Included mounting accessories (brackets, screws, wall plugs).

4. SETUP AND INSTALLATION

The Proventa LED TL fixture is suitable for ceiling mounting, wall mounting, or pendant suspension. Ensure the mounting surface is appropriate for the weight of the fixture.

4.1. Preparing the Fixture

1. Carefully open the fixture housing by releasing the clips on the sides.
2. Remove the clear cover.
3. Locate the electrical connection terminals inside the fixture.



Figure 4.1: Internal view of the fixture showing electrical connection terminals (L, N, Ground).

4.2. Mounting the Fixture

1. Mark the desired mounting points on the ceiling or wall. The fixture features a broad guide for variable attachment, allowing for minor adjustments after initial placement.
2. Drill holes and insert the provided wall plugs.
3. Attach the metal mounting brackets to the surface using the screws.
4. Click the fixture housing onto the mounted brackets. The "Klickhalter" (click holders) ensure easy and secure attachment.

Technische Daten

Lichtfarbe: 4.000K, neutralweiß

Abstrahlwinkel: 120°

Lichtleistung: 2.880 Lumen

Sockel: G13

Nennspannung: 220...240 V

Abmessungen LxBxH: 1.590 x 64 x 58 mm

Lieferumfang

8x Feuchtraumleuchtengehäuse IP65

8x LED-Röhre 24 Watt

8x Montagematerial

Figure 4.2: Mounting bracket engagement with the fixture's variable attachment guide.

4.3. Electrical Connection

1. Ensure the power supply is disconnected at the main circuit breaker.
2. Feed the electrical cable through the cable gland on the fixture.
3. Connect the live (L), neutral (N), and ground wires to the corresponding screw terminals inside the fixture. The practical plug-in terminals facilitate connection.
4. Tighten the cable gland to ensure a watertight seal (IP65).

4.4. Installing the LED Tube

1. Remove the transport protection from the LED tube.
2. Insert the LED tube into the G13 sockets within the fixture. Ensure it is securely seated.
3. Replace the clear cover and secure the clips to close the fixture housing.

5. OPERATING INSTRUCTIONS

Once installed and connected, the Proventa LED TL fixture operates by a standard wall switch (not included). There are no specific operating controls on the fixture itself.

- **Switching On/Off:** Use the connected wall switch to turn the light on or off.
- **Light Output:** The fixture provides a consistent light output of 2880 lumens at a neutral white color temperature of 4000K.

6. MAINTENANCE

The Proventa LED TL fixture is designed for low maintenance. Regular cleaning and occasional inspection are recommended.

- **Cleaning:** Disconnect power before cleaning. Wipe the exterior of the fixture with a soft, damp cloth. Do not use harsh chemicals or abrasive materials.
- **LED Tube Replacement:** The LED tubes have a long lifespan of approximately 25,000 hours. If a tube needs replacement, ensure power is disconnected. Open the fixture, remove the old tube, and insert a new G13 24W LED tube. The fixture housing is designed for many years of use, allowing for easy tube replacement.
- **Inspection:** Periodically check the fixture for any signs of damage or wear, especially the cable glands and housing seals, to maintain its IP65 rating.

7. TROUBLESHOOTING

If you experience issues with your Proventa LED TL fixture, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. LED tube not correctly inserted. Faulty LED tube.	Check circuit breaker and wall switch. Ensure LED tube is fully seated in G13 sockets. Replace LED tube.
Light flickers.	Loose connection. Faulty LED tube.	Disconnect power and check electrical connections. Replace LED tube.
Reduced light output.	Dust or dirt on cover. Aging LED tube.	Clean the clear cover. Consider replacing the LED tube if it has exceeded its expected lifespan.

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

8. SPECIFICATIONS

Detailed technical specifications for the Proventa LED TL Fixture 150 cm.

Feature	Value
Model Number	4251263221565
Brand	Proventa
Type	LED TL Fixture for Damp Rooms

Feature	Value
Dimensions (LxWxH)	1590 x 64 x 58 mm (Fixture) 150 cm (Tube length)
Weight	1.2 kg (per unit)
Material	Polycarbonate (Cover), Grey Plastic (Housing)
Protection Rating	IP65 (Dust-tight and protected against water jets)
Impact Resistance	IK08
Safety Class	II
Rated Voltage	220-240 V
Wattage (per LED tube)	24 W
Luminous Flux (per LED tube)	2880 Lumen
Color Temperature	4000 K (Neutral White)
Beam Angle	120°
Socket Type	G13
Lifespan	25,000 hours
Switching Cycles	12,500
Operating Temperature	-15°C to 45°C
Energy Efficiency Class (2019/2015)	E (24 kWh/1000h)
Energy Efficiency Class (874/2012)	A+

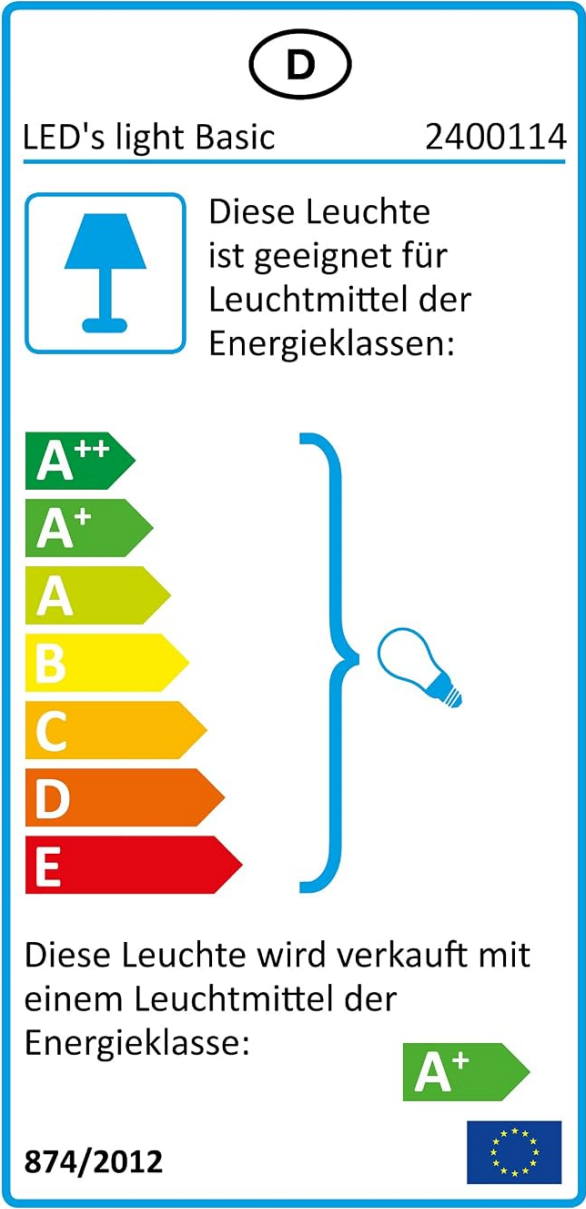


Figure 8.1: Technical Data Overview.

Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen			
Name oder Handelsmarke des Lieferanten: LED'S LIGHT BASIC			
Anschrift des Lieferanten: Quality manager, Molenmakershoek 28, 7328 JK Apeldoorn, NL			
Modellkennung: 0610712			
Art der Lichtquelle:			
Verwendete Beleuchtungstechnologie:	LED	Ungebündelt oder gebündelt:	NDLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	G13		
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	MLS	Vernetzte Lichtquelle (CLS):	Nein
Farblich abstimmbare Lichtquelle:	Nein	Hülle:	-
Lichtquelle mit hoher Leuchtdichte:	Nein		
Blendschutzschild:	Nein	Dimmbar:	Nein
Produktparameter			
Parameter	Wert	Parameter	Wert
Allgemeine Produktparameter:			
Energieverbrauch im Ein-Zustand (kWh/1000 h), auf die nächstliegende ganze Zahl gerundet	24	Energieeffizienzklasse	E

rundet				
Nutzlichtstrom (ϕ_{use}) mit Angabe, ob sich der Wert auf den Lichtstrom in einer Kugel (360°), in einem breiten Kegel (120°) oder in einem schmalen Kegel (90°) bezieht		2 880 in Kugel (360°)	ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	4 000
Leistungsaufnahme im Ein-Zustand (P_{on}) in W		24,0	Leistungsaufnahme im Bereitschaftszustand (P_{sb}) in W, auf die zweite Dezimalstelle gerundet	0,00
Leistungsaufnahme im vernetzten Bereitschaftsbetrieb (P_{net}) für CLS in W, auf die zweite Dezimalstelle gerundet		-	Farbwiedergabeindex, auf die nächstliegende ganze Zahl gerundet, oder Spanne der einstellbaren CRI-Werte	80
äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter)	Höhe	28	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Vollast	Siehe Bild auf letzter Seite
	Breite	28		
	Tiefe	1 510		
Angabe zu einer gleichwertigen Leistungsaufnahme ^(a)		-	Falls ja, gleichwertige Leistungsaufnahme (W)	-
			Farbwertanteile (x und y)	0,380 0,380
Parameter für LED- und OLED-Lichtquellen:				
Wert des R9-Farbwiedergabeindex		0	Lebensdauerfaktor	0,90
Lichtstromerhalt		0,96		
Parameter für LED- und OLED-Netzspannungslichtquellen:				
Verschiebungsfaktor (cos ϕ_1)		0,70	Farbkonsistenz in MacAdam-Ellipsen	6
Angabe, dass eine LED-Lichtquelle eine Leuchtstofflichtquelle ohne eingebautes Vorschaltgerät mit einer bestimmten Leistungsaufnahme ersetzt.		ja ^(b)	Falls ja, Angabe zur ersetzten Leistungsaufnahme (W)	30
Flimmer-Messgröße (Pst LM)		1,0	Messgröße für Stroboskop-Effekte (SVM)	0,9

^(a) „-“: nicht zutreffend;
^(b) „-“: nicht zutreffend

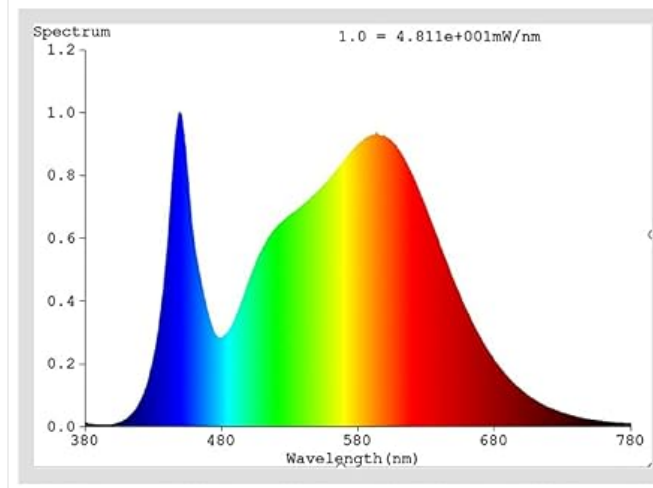


Figure 8.2: New EU Energy Label (Class E). For more details, visit eprel.ec.europa.eu/qr/1333474.

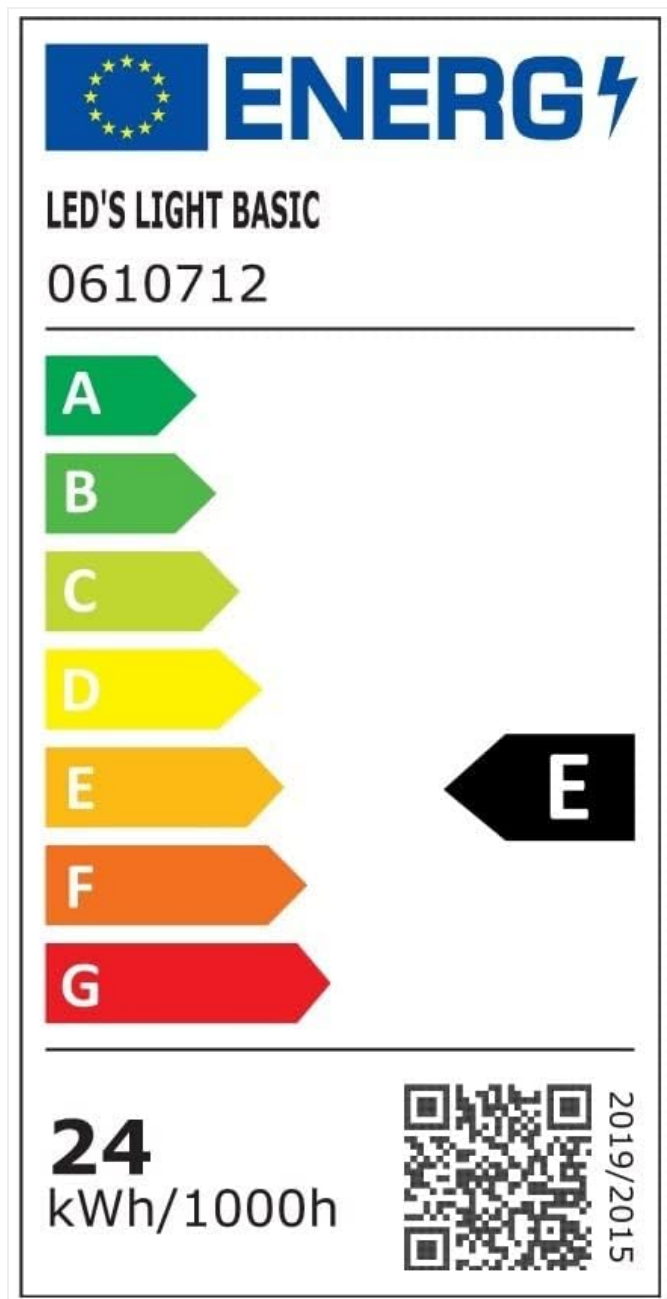


Figure 8.3: Old EU Energy Label (Class A+).

9. WARRANTY AND SUPPORT

Specific warranty information is not provided in the product details. For warranty claims or technical support, please contact your retailer or Proventa customer service directly. Keep your proof of purchase for any warranty-related inquiries.

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question