

Konstsmide 2384-800

Konstsmide 2384-800 LED Outdoor Light String Instruction Manual

Model: 2384-800 | Brand: Konstsmide

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Konstsmide 2384-800 LED Outdoor Light String. Designed for outdoor decorative lighting, this product features 20 amber LED bulbs on a black cable, powered by a 24V outdoor transformer. Please read these instructions carefully before installation and operation, and retain them for future reference.

SAFETY INSTRUCTIONS

- **Outdoor Use Only:** This product is designed for outdoor use and is rated IP44 for protection against splashing water and solid objects larger than 1mm. Ensure all connections are secure and protected from direct water immersion.
- **Power Supply:** Only use the provided 24V outdoor transformer. Do not connect the light string directly to mains voltage.
- **Installation:** Ensure the installation surface is stable and can support the weight of the light string. Avoid placing cables in areas where they can be tripped over or damaged.
- **Damage:** Do not operate the light string if any part, including the cable, bulbs, or transformer, is damaged. Contact Konstsmide for replacement parts or service.
- **Modification:** Do not attempt to modify or repair the light string or its components. Unauthorized modifications can lead to safety hazards and void the warranty.
- **Heat:** While LED bulbs produce less heat than traditional bulbs, ensure adequate ventilation and avoid covering the bulbs with flammable materials.

PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- 1 x Konstsmide 2384-800 LED Outdoor Light String (20 amber LED bulbs on black cable)
- 1 x 24V Outdoor Transformer (AC/DC)



The product packaging displays the light string in an outdoor setting, highlighting its features and specifications.

SETUP AND INSTALLATION

Follow these steps to set up your LED light string:

1. **Unpack:** Carefully remove the light string and transformer from the packaging.
2. **Placement:** Determine the desired location for your light string. Ensure the total length of the string (approximately 19.5 meters, including lead cable) is suitable for the area. The cable length from the transformer to the first bulb is approximately 10 meters.
3. **Mounting:** Secure the light string using appropriate outdoor-rated fasteners or clips. Ensure the bulbs hang freely and are not obstructed. The individual bulb strands are approximately 25 cm long.
4. **Connect Transformer:** Connect the light string to the 24V outdoor transformer. Ensure the connection is tight and secure.
5. **Power On:** Plug the transformer into a suitable outdoor power outlet. Ensure the outlet is protected from weather elements.



The light string illuminates a conservatory dining area, showcasing its application in an enclosed outdoor space.



The light string provides ambient lighting within a greenhouse structure, demonstrating its use in a garden setting.

OPERATING INSTRUCTIONS

The Konstsmide 2384-800 LED light string is designed for simple operation:

- **Power On/Off:** Once connected to a power source, the light string will illuminate. To turn off, simply unplug the transformer from the power outlet.
- **LED Technology:** This light string utilizes energy-efficient LED technology, providing a warm amber light (2400 Kelvin) with a luminous flux of 16 lumens per bulb. The estimated lifespan of the LEDs is up to 50,000 hours.



This image shows a cluster of five amber LED bulbs, each connected by a black cable, illustrating the bulb design and cable color.



A view of two individual LED bulbs suspended from the main black cable, demonstrating the spacing and attachment mechanism.

MAINTENANCE

- **Cleaning:** Disconnect the power before cleaning. Wipe the bulbs and cables with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the light string in a cool, dry place, away from direct sunlight and extreme temperatures. Coil the cable neatly to prevent tangling and damage.
- **Inspection:** Periodically inspect the cable, bulbs, and transformer for any signs of wear or damage.

TROUBLESHOOTING

- **Lights Not Illuminating:**
 - Check if the transformer is securely plugged into a working power outlet.
 - Ensure the connection between the light string and the transformer is firm.
 - Inspect the cable for any visible damage or breaks.
- **Flickering Lights:**

- Ensure all connections are secure.
- Check for stable power supply from the outlet.

If problems persist, discontinue use and contact Konstsmide customer support.

SPECIFICATIONS

Feature	Specification
Brand	Konstsmide
Model Number	2384-800
Number of Bulbs	20
Bulb Type	LED
Light Color	Amber (2400 Kelvin)
Luminous Flux (per bulb)	16 lm
Total Power Consumption	10 Watts
Voltage	24 Volts
Power Source	AC/DC Transformer
Cable Color	Black
Total Length (approx.)	19.5 meters (including 10m lead cable)
Individual Bulb Strand Length	25 cm
IP Rating	IP44 (Splash-proof)
Special Features	Waterproof
Estimated LED Lifespan	50,000 hours

ENVIRONMENTAL INFORMATION

This product is designed with energy efficiency in mind. The EU energy label indicates an energy efficiency class G with a consumption of 8 kWh per 1000 hours of operation.

Produktdatenblatt

DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskenzeichnung von Lichtquellen

Name oder Handelsmarke des Lieferanten: Gnosjö Konstsmide AB			
Anschrift des Lieferanten: Technical Support, Gnosjö Konstsmide AB Box 54 335 22 Gnosjö Sweden			
Modellkennung: 2384-800			
Art der Lichtquelle:			
Verwendete Beleuchtungstechnologie:	LED	Ungebündelt oder gebündelt:	NDLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	Fixed		
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:	Ja
Produktparameter			
Parameter	Wert	Parameter	Wert
Allgemeine Produktparameter:			
Energieverbrauch im Ein-Zustand (kWh/1000 h), auf die nächstliegende ganze Zahl gerundet	8	Energieeffizienzklasse	G
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	46 in Kugel (360°)	ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	2 400
Leistungsaufnahme im Ein-Zustand ($P_{e,in}$) in W	7,2	Leistungsaufnahme im Bereitschaftszustand (P_{s}) in W, auf die zweite Dezimalstelle gerundet	0,30
Leistungsaufnahme im vernetzten Bereitschaftsbetrieb ($P_{s,n}$)	-	Farbwiedergabeindex, auf die	52

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für CLS in W, auf die zweite Dezimalstelle gerundet			nächstliegende ganze Zahl gerundet, oder Spanne der einstellbaren CRI-Werte	
äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter)	Höhe	400	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Volllast	Siehe Bild auf letzter Seite
	Breite	19 500		
	Tiefe	60		
Angabe zu einer gleichwertigen Leistungsaufnahme ^(a)		-	Falls ja, gleichwertige Leistungsaufnahme (W)	-
Parameter für LED- und OLED-Lichtquellen:				
Wert des R9-Farbwiedergabeindex		0	Lebensdauerfaktor	1,00
Lichtstromerhalt		-		
Parameter für LED- und OLED-Netzspannungslichtquellen:				
Verschiebungsfaktor (cos ϕ_1)		0,50	Farbkonsistenz in MacAdam-Ellipsen	5
Angabe, dass eine LED-Lichtquelle eine Leuchtstofflichtquelle ohne eingebautes Vor-schaltgerät mit einer bestimmten Leistungsaufnahme ersetzt.		-(b)	Falls ja, Angabe zur ersetzten Leistungsaufnahme (W)	-
Flimmer-Messgröße (Pst LM)		0,5	Messgröße für Stroboskop-Effekte (SVM)	0,5

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

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The EU energy label for the Konstsmide 2384-800, indicating its energy efficiency class G and consumption of 8 kWh/1000h. A QR code is also visible for more information.

For more detailed information, scan the QR code on the label or visit: [EPREL Product Information](#)

Disposal: Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

WARRANTY AND SUPPORT

Specific warranty details and direct support contact information are not provided within this manual. For warranty claims, technical assistance, or further inquiries, please refer to your purchase documentation or contact Konstsmide customer service through their official website or your retailer.