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- › [nipify](#) /
- › [nipify 24W Outdoor Motion Sensor Light Instruction Manual](#)

nipify B0DCK8Y7SN

nipify 24W Outdoor Motion Sensor Light Instruction Manual

Model: B0DCK8Y7SN

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your nipify 24W Outdoor Motion Sensor Light. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image 1.1: The nipify Outdoor Motion Sensor Light, showcasing its adjustable color temperature capabilities from warm to cool white.

2. PRODUCT FEATURES

- **3 Lighting Modes:** Offers versatile illumination options including Security Mode (10% brightness, 100% on motion), Night Sensor Mode (100% on motion at night), and Motion Detection Mode (100% on motion day and night).
- **Adjustable Color Temperature:** Choose from 5 color temperature settings ranging from 2700K (warm white) to 6500K (cool white) to suit different environments and preferences.
- **Durable and Waterproof (IP65):** Constructed with upgraded LEDs and high-density PC materials, ensuring excellent resistance to water, heat, and rust for reliable performance in extreme weather.
- **Multi-Angle Lighting:** Features a 24W LED projector with powerful light beads and a 120° beam angle. The light head is adjustable up to 180°, and the motion detection range is 3-8 meters.
- **Easy Installation:** Supplied with a one-meter cable for straightforward installation in various outdoor locations such as gardens, garages, porches, and backyards.



IP65 Waterproof
Reliable in any season



Dustproof



Frost-resistant



Heat-resistant



Thunder strike protection

Image 2.1: The light's IP65 waterproof rating, indicating its dustproof, frost-resistant, heat-resistant, and thunder strike protection capabilities.

3. SAFETY INFORMATION

- Ensure power is disconnected before installation or maintenance.
- Installation should be performed by a qualified electrician if you are unsure about wiring.
- Do not look directly into the light source when it is active.
- Keep out of reach of children.
- Do not modify the product in any way.

4. PACKAGE CONTENTS

-
- 1 x nipify Outdoor Motion Sensor Light
 - Mounting Hardware (screws, wall anchors)
 - Instruction Manual

5. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Step 1: Prepare the Mounting Surface.** Drill holes at the desired installation location and insert the plastic wall anchors.
2. **Step 2: Mount the Junction Box Base.** Use screws to securely attach the junction box base onto the wall.
3. **Step 3: Connect Wiring.** Connect the live, neutral, and ground wires from your electrical supply to the corresponding terminals on the light fixture. Ensure all connections are secure.
4. **Step 4: Attach the Fixture.** Mount the light fixture onto the wall base and tighten the screws to secure it.

The recommended installation height is between 1.8 to 5 meters for optimal motion detection.

Easy Installation

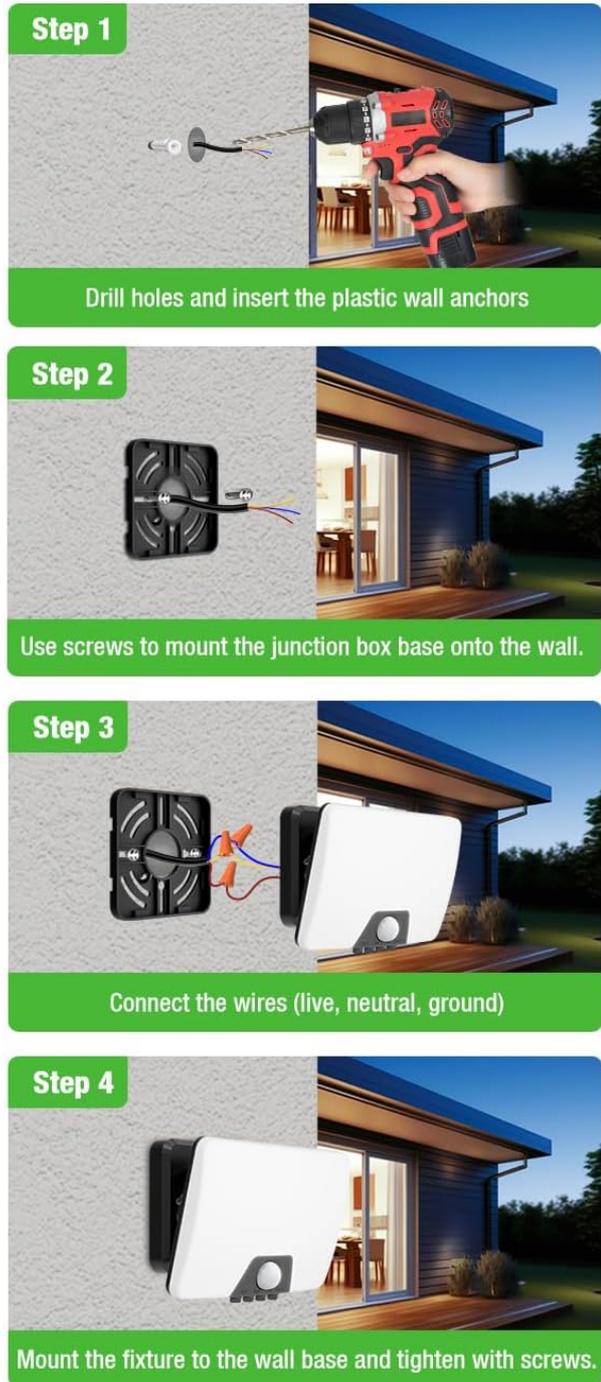


Image 5.1: Visual guide for the four-step installation process, including drilling, mounting the base, wiring, and securing the fixture. Also shows adjustable angles.

6. OPERATING INSTRUCTIONS

6.1. Lighting Modes

The light offers three distinct operating modes, selectable via the LUX sensor dial:

- **Mode 1: Security Mode (LUX: 0-50)**. The light maintains 10% brightness when no motion is detected. Upon motion detection, it illuminates at 100% brightness.
- **Mode 2: Night Motion Sensor Mode (LUX: 60-200)**. The light remains off until motion is detected at night, then illuminates at 100% brightness. This mode is recommended for energy saving.

- **Mode 3: Motion Detection Mode (LUX: Max).** The light activates at 100% brightness upon motion detection, regardless of ambient light conditions (day or night).



Image 6.1: Visual representation of how each of the three lighting modes functions based on motion detection and ambient light.

6.2. Color Temperature Adjustment

The light allows for adjustment of its color temperature from 2700K to 6500K. This can be set to match your preference or environment:

- **2700K-3000K:** Warm white, ideal for a cozy garden ambiance.
- **4000K-5000K:** Neutral white, suitable for general nighttime illumination.
- **6000K-6500K:** Cool white, providing bright security lighting.



Image 6.2: Examples of the light output at various color temperatures, from warm 3000K to cool 6500K.

6.3. Sensor Adjustments (LUX, TIME, SENSOR)

The light features adjustable dials for LUX (ambient light sensitivity), TIME (illumination duration), and SENSOR (motion detection sensitivity/distance).

- **LUX Dial:** Controls the ambient light level at which the motion sensor becomes active. Turn towards 'sun' for day and night detection, towards 'moon' for night-only detection.
- **TIME Dial:** Adjusts how long the light stays on after motion is detected. Settings typically range from 6 seconds to 300 seconds (5 minutes).
- **SENSOR Dial:** Modifies the motion detection range, from a minimum of 1 meter up to 8 meters. For

optimal performance, it is recommended to turn the button to the furthest position.



Image 6.3: Illustration of the TIME adjustment dial and its effect on the light's duration after motion detection.

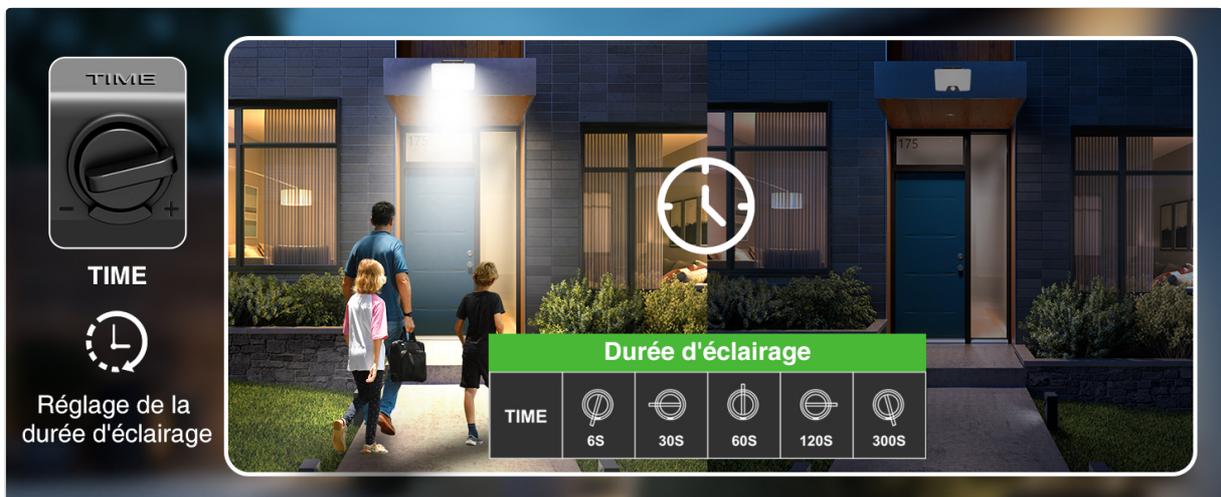


Image 6.4: Illustration of the SENSOR adjustment dial and its effect on the motion detection range.

7. MAINTENANCE

- **Cleaning:** Periodically wipe the light fixture with a soft, damp cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check the wiring and mounting for any signs of damage or loosening.
- **Environmental Factors:** While the light is IP65 rated, extreme conditions like prolonged heavy snow or ice accumulation may require manual clearing to ensure optimal performance.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; faulty wiring; sensor settings incorrect.	Check power connection; verify wiring; adjust LUX and SENSOR dials.
Light stays on continuously.	TIME dial set too high; continuous motion in detection zone; LUX dial set to maximum.	Adjust TIME dial to a shorter duration; ensure no constant motion; adjust LUX dial.

Problem	Possible Cause	Solution
Light flashes or flickers.	Unstable power supply; loose wiring.	Check power source stability; inspect and secure all wiring connections.
Motion sensor not detecting.	SENSOR dial set too low; obstruction in detection path; incorrect installation height.	Increase SENSOR sensitivity; clear obstructions; verify installation height (1.8-5m).

9. SPECIFICATIONS

Specification	Detail
Manufacturer	nipify
Model	B0DCK8Y7SN
Product Dimensions (L x W x H)	1 x 1 x 1 cm
Weight	530 grams
Color	Warm White 3000K - Cool White 6500K
Material	Plastic
Power Type	Wired Electric
Wattage	24 Watts
Bulb Type	LED
Luminosity	1900 Lumens
Installation Method	Surface Mount
Switch Style	Motion Sensor
Special Features	Motion Detector, Adjustable Color Temperature, Waterproof
IP Rating	IP65
Energy Efficiency Class	E

Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen			
Name oder Handelsmarke des Lieferanten: Zhongshan Xunxiao Lighting Technology Company Limited			
Anschrift des Lieferanten: CET PRODUCT SERVICE SP. Z O.O., Ul. Długa 33 102, 95-100 Zgierz polen, PL			
Modellkennung: ZX200001			
Art der Lichtquelle:			
Verwendete Beleuchtungstechnologie:	LED	Ungebündelt oder gebündelt:	DLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	\		
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	MLS	Vernetzte Lichtquelle (CLS):	Nein
Farblich abstimmbare Lichtquelle:	Ja	Hülle:	
Lichtquelle mit hoher Leuchtdichte:	Nein		

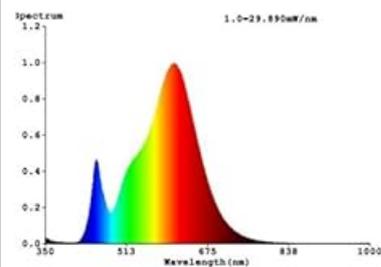
Blendschutzschild:	Nein	Dimmbar:	Ja
Produktparameter			
Parameter	Wert	Parameter	Wert
Allgemeine Produktparameter:			
Energieverbrauch im Ein-Zustand (kWh/1000 h), auf die nächstliegende ganze Zahl gerundet	24	Energieeffizienzklasse	E
Nutzlichtstrom (lumen) mit Angabe, ob sich der Wert auf den Lichtstrom in einer Kugel (360°), in einem breiten Kegel (120°) oder in einem schmalen Kegel (90°) bezieht	2 400 in breiter Kegel (120°)	ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	2700...6500
Leistungsaufnahme im Ein-Zustand (P _{in}) in W	24,0	Leistungsaufnahme im Bereitschaftszustand (P _{stb}) in W, auf die zweite Dezimalstelle gerundet	-

Seite 1 / 4

Leistungsaufnahme im vernetzten Bereitschaftsbetrieb (P _{stb}) 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	180	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Volllast
	Breite	91	
	Tiefe	91	
Angabe zu einer gleichwertigen Leistungsaufnahme ^(a)	-	Falls ja, gleichwertige Leistungsaufnahme (W)	-
		Farbwertanteile (x und y)	0,645 0,402
Parameter für Lichtquellen mit gebündeltem Licht:			
Spitzenlichtstärke (cd)	24	Halbwertswinkel in Grad oder Spanne der einstellbaren Halbwertswinkel	120
Parameter für LED- und OLED-Lichtquellen:			
Wert des R9-Farbwiedergabeindex	17	Lebensdauerfaktor	1,00
Lichtstromerhalt	0,96		
Parameter für LED- und OLED-Netzspannungslichtquellen:			
Verschiebungsfaktor (cos φ1)	0,70	Farbkonsistenz in MacAdam-Ellipsen	6
Angabe, dass eine LED-Lichtquelle eine Leuchtstofflichtquelle ohne eingebautes Vorschaltgerät mit einer bestimmten Leistungsaufnahme ersetzt.	„-“ ^(b)	Falls ja, Angabe zur ersetzten Leistungsaufnahme (W)	-
Flimmer-Messgröße (Pst LM)	0,0	Messgröße für Stroboskop-Effekte (SVM)	0,0

(a) „-“, nicht zutreffend;
(b) „-“, nicht zutreffend.

Seite 2 / 4



Seite 3 / 4

Image 9.1: EU Energy Label for the product, indicating its energy efficiency class E. For more details, visit [EPREL](https://eprel.ec.europa.eu/)

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official nipify website. Keep your purchase receipt as proof of purchase.

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Documents - nipify – B0DCK8Y7SN

no relevant documents