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Ledvion LVO10054-RGB-9pack

Ledvion 9X RGBWW LED Garden Spike Spotlights User Manual

Model: LVO10054-RGB-9pack

INTRODUCTION

Thank you for choosing the Ledvion 9X RGBWW LED Garden Spike Spotlights. This product is designed to provide versatile and durable outdoor lighting for your garden, pathways, or landscape features. Each spotlight features a GU10 RGBWW LED bulb, a robust aluminum construction, and an IP65 rating for outdoor use. This manual provides essential information for safe installation, operation, and maintenance of your new lighting system.

Key Features:

- **Smart RGBWW LED:** Each 5W GU10 bulb offers a wide range of colors (RGB) and tunable white light (Warm White to Cool White), controllable via a compatible smart application (Tuya compatible).
- **Durable Construction:** Made from resistant aluminum, ensuring longevity and protection against rust and corrosion.
- **Weatherproof Design:** IP65 certified, providing protection against dust and water splashes, making it ideal for outdoor environments.
- **Adjustable Lighting:** The spotlight head can pivot up to 270 degrees, allowing precise direction of light.
- **Easy Installation:** Equipped with a ground spike for simple placement and a 2-meter cable for flexible positioning.

WHAT'S IN THE BOX

Please check the contents of your package to ensure all components are present and undamaged.



WATER & DUST RESISTANT

Protected against dust and splash-proof

IP54 RATING

ANTI-DUST &
ANTI MOISTURE



Image: Contents of the Ledvion 9X RGBWW LED Garden Spike Spotlights package.

- 9x Ledvion Garden Spike Spotlights (with 2-meter cable each)
- 9x GU10 RGBWW LED Bulbs (5W)
- 9x Allen Keys
- 1x User Manual

SAFETY INFORMATION

Before installation and use, please read and understand all safety instructions. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Ensure the power supply is disconnected before installation, maintenance, or bulb replacement.
- This product is designed for outdoor use and has an IP65 rating. Do not submerge in water.
- Use only GU10 bulbs with a maximum wattage of 5W.
- For waterproof installation, it is recommended to use IP68 cable connectors (not included).
- Do not attempt to modify or disassemble the product. Contact qualified personnel for repairs.
- Keep packaging materials out of reach of children.

INSTALLATION

Follow these steps for proper installation of your Ledvion garden spike spotlights.

1. **Prepare the Installation Area:** Choose a suitable location in your garden or landscape. Ensure the ground is soft enough to insert the spike without excessive force.
2. **Insert the Ground Spike:** Firmly push the ground spike of each spotlight into the soil. Ensure the spotlight is stable and upright.
3. **Connect Power:** Each spotlight comes with a 2-meter cable and an EU plug. Connect the plugs to a suitable outdoor power outlet. For multiple spotlights, you may need an outdoor extension cord or power strip with appropriate weather protection. For permanent, waterproof connections, consider using IP68 cable connectors (sold separately).
4. **Adjust Spotlight Angle:** The spotlight head can be rotated up to 270 degrees. Use the included Allen key to loosen the adjustment screw, position the light to illuminate your desired object or area, and then tighten the screw to secure the angle.





Image: Plug and Play installation of the garden spike spotlight.



COMPATIBLE WITH ANY GU10 SPOT

Because it's compatible with any GU10 spot, you can choose the color you like



MAX. 5 WATT

GU10 FITTING

Ledvion

Image: Adjustable beam angle feature of the spotlight.

OPERATION

The Ledvion garden spike spotlights are equipped with smart RGBWW GU10 bulbs, offering advanced control options.

- 1. Power On:** Once installed and connected to power, switch on the power supply. The spotlights will illuminate.
- 2. Smart Control (App):** The included GU10 bulbs are compatible with various Tuya-based smart home applications. Download a compatible app (e.g., Tuya Smart, Smart Life) from your device's app store. Follow the in-app instructions to pair your spotlights.
- 3. Adjusting Light Settings:** Through the smart app, you can:
 - **Dimming:** Adjust the brightness from 0% to 100%.
 - **Color Change:** Select from a wide spectrum of RGB colors.
 - **White Light Adjustment:** Tune the white light from warm white to cool white (RGBWW functionality).
 - **Scheduling & Scenes:** Set timers, schedules, and create custom lighting scenes.
- 4. GU10 Bulb Compatibility:** The spotlights are designed for GU10 bulbs, allowing for easy

replacement or customization with other GU10 bulbs (max 5W).



2
YEAR
WARRANTY

WARRANTY OF 2 YEARS

The strong aluminum housing ensures
for a long lasting usage

ALUMINUM

NO RUST &
CORROSION

Ledvion

Image: GU10 fitting for bulb compatibility.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Ledvion garden spike spotlights.

- **Cleaning:** Periodically clean the spotlight housing and lens with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check the cables and connections for any signs of wear, damage, or corrosion. Ensure the ground spikes are still firmly in place.
- **Bulb Replacement:** To replace a GU10 bulb, ensure the power is off. Carefully remove the old bulb and insert the new one, ensuring it is securely seated.
- **Weather Resistance:** The IP65 rating protects against dust and water splashes. While designed for outdoor use, avoid prolonged submersion or high-pressure water jets directly on the unit.



ADJUSTABLE BEAM ANGLE

Choose your beam angle by adjusting the spot



Image: Spotlight demonstrating water and dust resistance (IP65 rated).

TROUBLESHOOTING

If you encounter issues with your spotlights, refer to the following common troubleshooting steps:

- **Light Not Turning On:**

- Check if the power supply is connected and switched on.
- Ensure the bulb is correctly inserted and not faulty.
- Verify that the smart app is connected and the light is not turned off or dimmed to 0%.

- **Smart Control Issues:**

- Ensure your Wi-Fi network is active and the spotlights are within range.
- Restart your Wi-Fi router and the spotlights.
- Try re-pairing the spotlights with the smart app.

- **Inconsistent Lighting:**

- Check for loose connections or damaged cables.
- Ensure all bulbs are functioning correctly.

If problems persist, please contact Ledvion customer support.

SPECIFICATIONS

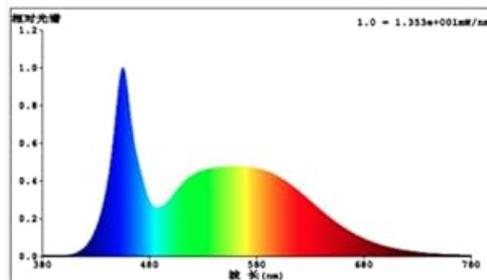
Feature	Specification
Model Number	LVO10054-RGB-9pack
Brand	Ledvion
Number of Spotlights	9
Bulb Type	GU10 LED (RGBWW)
Power per Bulb	5W
Luminous Flux	345 lumens per bulb (Total 3105 lumens for 9 bulbs)
Color Temperature	RGBWW (Tunable White up to 6500K)
Voltage	230 Volts
Material	Aluminum
Color	Black
IP Rating	IP65
Cable Length	2 meters per spotlight
Product Dimensions (L x W x H)	40 x 29 x 24 cm (package); Individual spotlight: 60mm diameter, 305mm height
Item Weight	5.29 Kilograms (total package)
Special Features	Dimmable, Smart Control (Tuya compatible)

Fiche d'information sur le produit			
RÈGLEMENT DÉLÉGUÉ (UE) 2019/2015 DE LA COMMISSION en ce qui concerne l'étiquetage énergétique des sources lumineuses			
Nom du fournisseur ou marque commerciale: Ledvion			
Adresse du fournisseur: Teqvion B.V., Ekkersrijt 4304, 5692DH Son Son en Breugel NB, NL			
Référence du modèle: LVO10001			
Type de source lumineuse:			
Technologie d'éclairage utilisée:	LED	Non-dirigée ou dirigée:	DLS
Type de culot de la source lumineuse (ou d'autre interface électrique)	GU10		
Secteur ou non secteur:	MLS	Source lumineuse connectée (SLC):	Oui
Source lumineuse réglable en couleur:	Oui	Enveloppe:	-
Source lumineuse à luminance élevée:	Non		
Protection anti-éblouissement:	Non	Utilisation avec un variateur:	Oui
Paramètres du produit			
Paramètre	Valeur	Paramètre	Valeur
Paramètres généraux du produit:			
Consommation d'énergie en mode marche (kWh/1000h), arrondie à l'entier supérieur le plus proche	5	Classe d'efficacité énergétique	F
Flux lumineux utile (lumen), avec indication qu'il se réfère au flux dans une sphère (360°), dans un cône large (120°) ou dans un cône étroit (90°)	380 sur Cône large (120°)	Température de couleur proximale, arrondie à la centaine de K la plus proche, ou la plage de températures de couleur proximales qui peuvent être réglées	2700...6500
Puissance en mode «marche» (P _m), exprimée en W	4,9	Puissance en mode veille (P _v), exprimée en W et arrondie à la deuxième décimale	0,50
Puissance en mode veille (P _v), pour SLC, exprimée en W et arrondie à la deuxième décimale	0,50	Indice de rendu des couleurs, arrondi à l'entier le plus proche, ou la plage	80

			de valeurs d'IRC qui peuvent être réglées	
Dimensions extérieures en mm, sans appareillage de commande séparé, éléments de régulation de l'éclairage ni éléments sans fonction d'éclairage (le cas échéant)	Hauteur	50	Distribution de la puissance spectrale dans la plage de 250 nm à 800 nm, à pleine charge	Voir l'image de la page précédente
	Largeur	54		
	Profondeur	54		
Déclaration de puissance équivalente ¹⁾		-	Si oui, puissance équivalente (W)	-
			Coordonnées chromatiques (x et y)	0,313 0,330
Paramètres pour les sources lumineuses dirigées:				
Intensité lumineuse de crête (cd)	380		Angle de faisceau en degrés, ou la gamme d'angles de faisceau qui peuvent être réglés	120
Paramètres pour les sources lumineuses LED et OLED:				
RG valeur de l'indice de rendu des couleurs	0		Facteur de survie	-
Facteur de conservation du flux lumineux	0,70			
Paramètres pour les sources lumineuses secteur LED et OLED:				
Facteur de déphasage (cos φ)	0,50		Constante des couleurs dans les ellipses de MacAdam	6
Déclaration qu'une source lumineuse LED remplace une source lumineuse fluorescente sans ballast intégré d'une puissance en watts particulière	- ²⁾		Si oui, déclaration relative au remplacement (W)	-
Mesure du papillotement (Pst LM)	0,9		Mesure de l'effet stroboscopique (SVM)	-

¹⁾: sans objet;
²⁾: sans objet;

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Image: Detailed dimensions of the Ledvion garden spike spotlight.

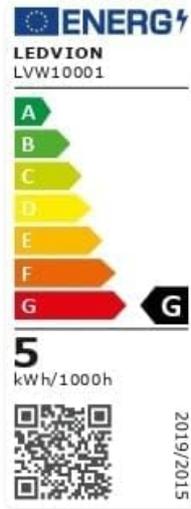


Image: EU Energy Label for Ledvion LVW10001.

For more energy information, visit: <https://eprel.ec.europa.eu/qr/694883>

WARRANTY AND SUPPORT

Ledvion provides a **2-year warranty** on this product, covering manufacturing defects and material faults. This warranty ensures long-lasting usage due to the strong aluminum housing.

The advertisement features a dark background at the top with a white icon of a plug and the text 'PLUG & play'. Below this, the main title 'PLUG AND PLAY GARDEN SPIKE' is written in large, bold, white letters. Underneath the title, it says 'EU plug with 2 meter cable for easy installation'. The background of the advertisement is a photograph of a green lawn with a purple hydrangea bush in the foreground. A small, cylindrical garden spike is visible on the grass. The Ledvion logo is in the bottom right corner.

Image: 2-Year Warranty information.

For warranty claims, technical support, or any questions regarding your Ledvion garden spike spotlights, please contact your retailer or visit the official Ledvion website for customer service contact information.

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