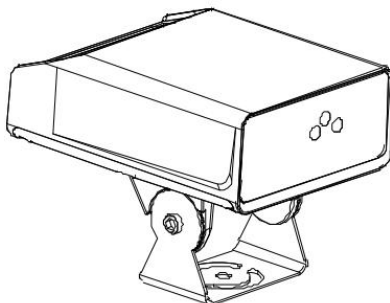
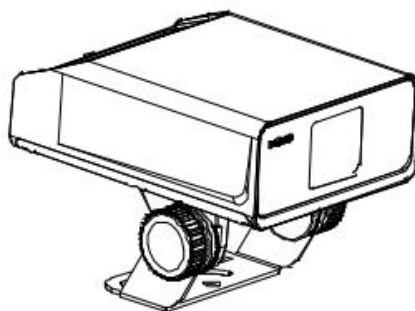


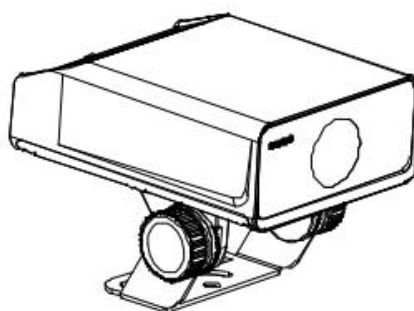
RWLYH



RWLYH6



RWLYH10



RWLYH15

INSTALLATION MANUAL



Thank you for purchasing the ROLEDs product. Please read this manual carefully before use and keep it for future reference.



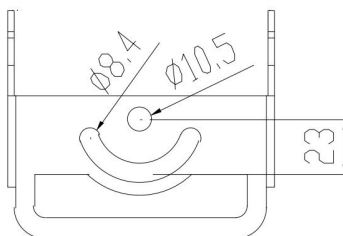
Fixture must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations. This device falls under class one and must be grounded!

Note: There are three mounting methods. Type A and Type B are both surface mounting, differing only in the screws used; please select the appropriate screws based on the material of the mounting surface.

STEP 1: Bracket Installation

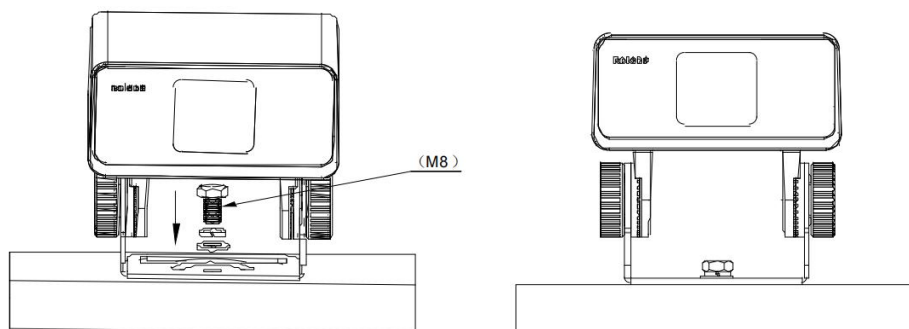
A.

①



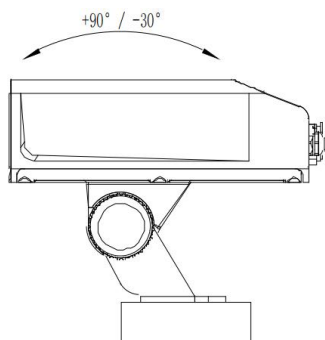
Drill a hole on the mounting surface in accordance with the specified dimensions.

②



Fasten the bracket of the fixture to the surface with a washer, a spring washer and a screw.

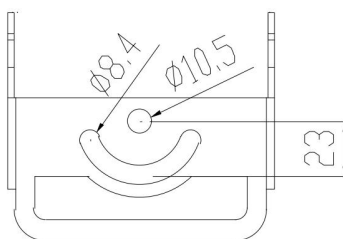
③



The luminaire has a tilting angle range of $+90^{\circ}/-30^{\circ}$. You may loosen the tilting lock on both sides of the luminaire, adjust it to the desired angle, then retighten the lock to secure the luminaire.

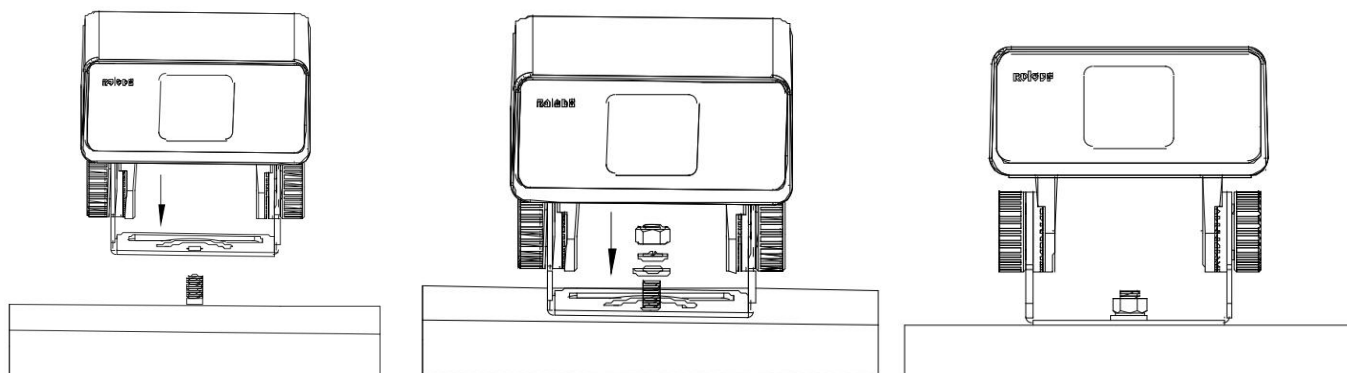
B.

①



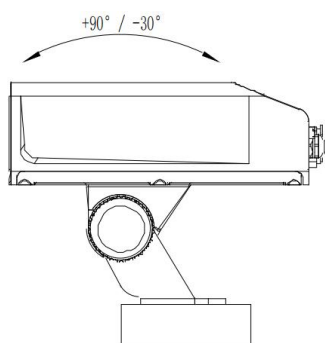
Drill a hole on the mounting surface in accordance with the specified dimensions.

②



Install a screw at the pre-drilled hole. Place the bracket over the screw, then secure the bracket to the mounting surface with a washer, a spring washer and a nut.

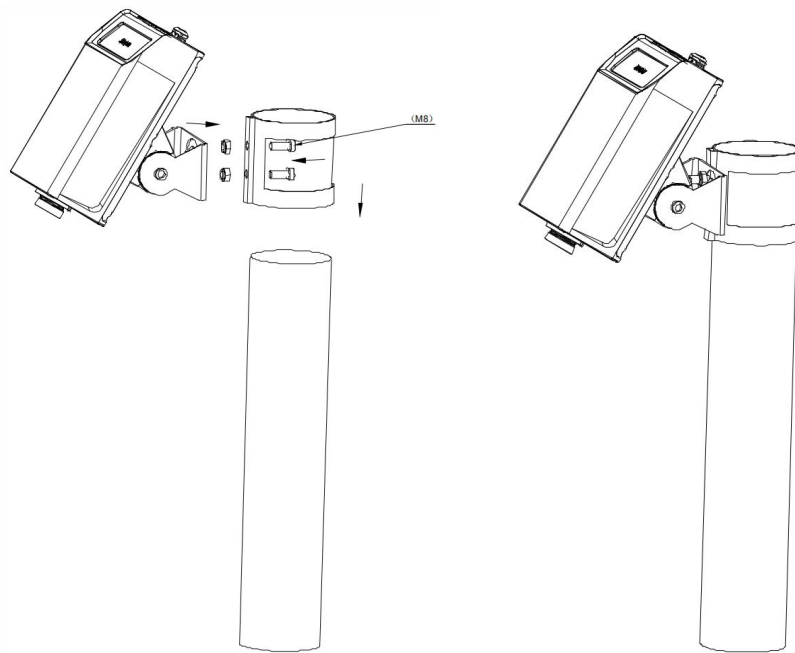
③



The luminaire has a tilting angle range of $+90^\circ/-30^\circ$. You may loosen the tilting lock on both sides of the luminaire, adjust it to the desired angle, then retighten the lock to secure the luminaire.

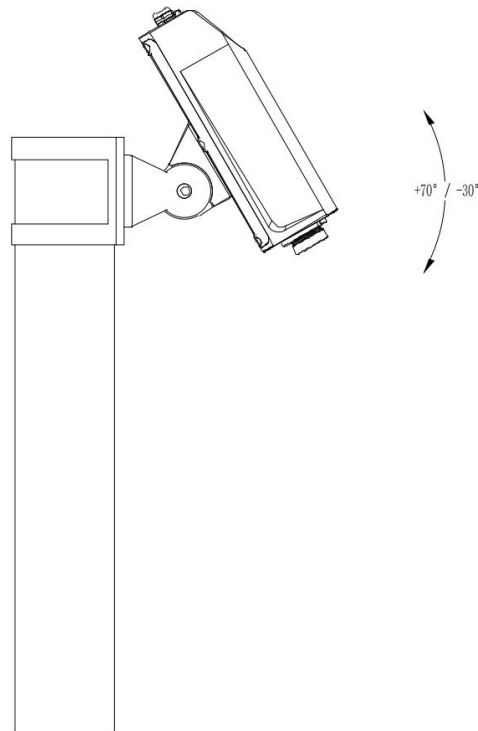
C.

①



First pass the screws through from the inside of the bracket. Then fit the bracket over the top of the lamp pole. After adjusting the position, tighten two nuts onto the exposed parts of the screws to secure the bracket to the lamp pole.

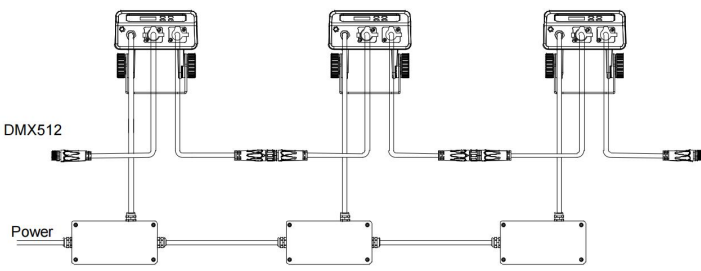
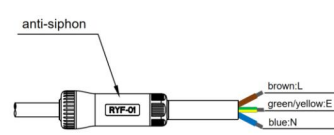
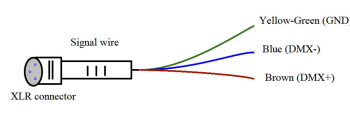
②



Loosen the screws on both sides of the luminaire with an Allen key to adjust the tilting angle. The luminaire has a tilting angle range of $+70^{\circ}/-30^{\circ}$. Retighten the screws after adjusting to the desired angle.

STEP 2: Wiring Cable Installation

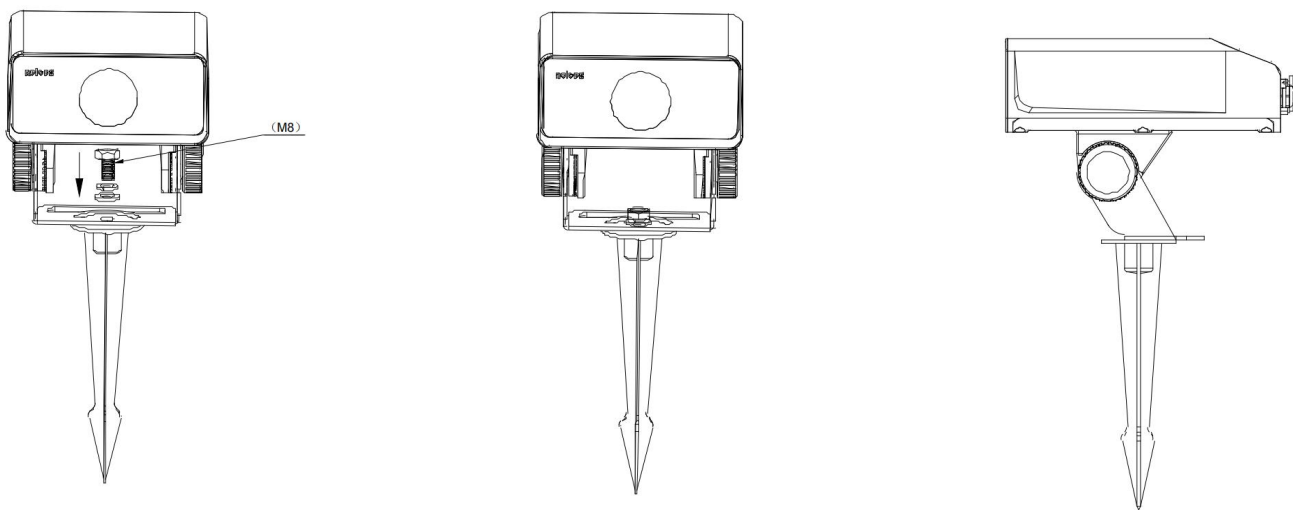
⚠ The connection of the power cord needs to be well connected in a waterproof junction box, which needs to be purchased separately.

DMX Control AC 	 anti-siphon Power-In: 3-core wire lead with anti-siphon	 Signal wire Yellow-Green (GND) Blue (DMX-) Brown (DMX+) XLR connector
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STEP 3: Accessory Installation

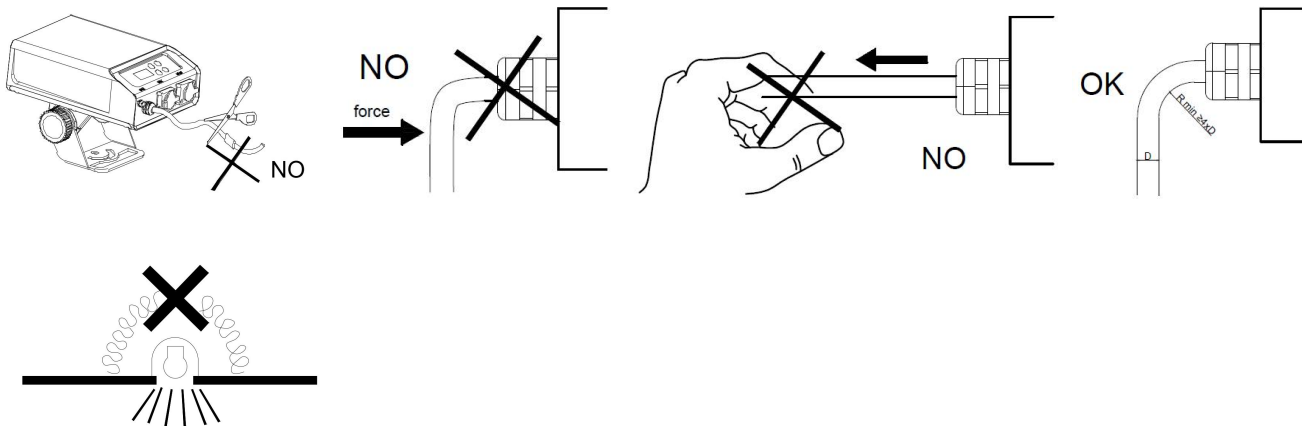
Accessory Bracket

Spike



WARNING & NOTICE

- ⚠ To ensure product quality and safety, please follow the operating instructions in a safe place and under power-off conditions.
- ⚠ Wire the power supply to the electrical mains only after the connection to the products has been carried out.
- ⚠ The cable should be suitably protected against direct contact with the ground and avoid letting the product come into direct contact with the ground.
- ⚠ Before powering up the system, please ensure that the polarity is connected correctly. Incorrect connection may cause product malfunction.
- ⚠ Do not install the fixture in areas where water tends to collect.
- ⚠ Under any possible circumstances causing outer cables damaged, excessively bent, pulled or squeezed by external forces, the latter should be replaced by the manufacturer, or by the corresponding service, or by an appropriated and qualified member of staff in order to avoid all risk of danger.
- ⚠ Should the glass break, the product cannot be used.
- ⚠ Do not stare at the operating lighting source.
- ⚠ After 45mins of the sunset or before 45mins of the sunrise are allowed daily operation period for product temperatures $>25^{\circ}\text{C}$.
- ⚠ Fixtures not suitable to be covered in thermally-insulating material.
- ⚠ Secondary protection is required for bare wire connections: For a single core, first wrap it with waterproof tape and then insulate it with electrical tape; then wrap the entire core assembly with waterproof tape again, followed by insulation with electrical tape (Note: This method is not recommended as it does not comply with specifications).
- ⚠ The luminaire must be reliably grounded.



USER MANUAL

Control Panel (RWLYH10/RWLYH15)

Key Description



ENTER	Enter menu and confirm
MENU	Return to main interface
UP	Cursor up operation
DOWN	Cursor down operation

Control Panel Instructions

When the system is powered on and started, the interface shown above will be displayed. The entire system will perform reset initialization and automatically check the status of each function. The system interface displays the current operating mode and address code.

1. If no operation is performed on the control panel for a long time, the screen will turn off and the system will lock automatically. A lock icon will appear at the bottom left of the screen as shown above. Unlock the device by long pressing the "MENU" key, or follow the on-screen prompts: press "UP → UP → DOWN → DOWN → ENTER" in sequence.
2. If the system has errors or malfunctions in any function, an exclamation mark will appear in the square icon at the bottom right of the screen after resetting, indicating a fault. You may press the "ENTER" key directly to view details, or check error records via "Menu / Parameter Settings / Error Information".
3. When on the unlocked main interface, long press both "UP" and "DOWN" keys to switch the display between normal and inverted view. This facilitates viewing and operation when the light is installed upside down. The setting can also be adjusted in "Menu / Parameter Settings / Display Orientation".

Function Menu Operation

Level 1 menu	Level 2 menu	Level 3 menu	Level 4 menu
Param Config 	DMX Address		
	Operate Mode	Slave Mode	DMX Mode
			User Memory
			Preset Memory
		Master Mode	User Memory
			Preset Memory
	No DMX Signal	All Value Reset	
		Hold Last Value	
		User Memory	
		Preset Memory	
	Display Orient	Normal	
		Invert	
	Language	English	
		Chinese	
	Restore Default		
Information 	DMX Value		
	Software Version		
	Error Info		
	RDM Information	UID	
		Device Label	
	Device Run Time		
User Memory 	Scene 01-10	Channel Name	0-255
		Hold Time	1-999s
		Fade Time	1-999s
	Save Memory		
	Clean Memory		

DMX Control Channel (RWLYH10/RWLYH15)

Standard Mode	Channel Name	Channel Value	Function (RWLYH10)	Function (RWLYH15)
1	Strobe	0	No Strobe	No Strobe
		1-127	Pulse strobe from slow to fast	Pulse strobe from slow to fast
		128-255	Normal strobe from slow to fast	Normal strobe from slow to fast
2	Dimmer	0-255	0%-100% Dimming	0%-100% Dimming
3	Red	0-255	Red 0%-100%	N/A
4	Green	0-255	Green 0%-100%	N/A
5	Blue	0-255	Blue 0%-100%	N/A
6	Effect	0	Stop rotating	Stop rotating
		1-127	Rotation clockwise from slow to fast	Rotation clockwise from slow to fast
		128	Stop rotating	Stop rotating
		129-255	Rotation counterclockwise from slow to fast	Rotation counterclockwise from slow to fast
7	Function		Takes effect after holding for 5 seconds	Takes effect after holding for 5 seconds
		0-9	save	save
		10-14	Display on	Display on
		15-19	Display off	Display off
		20-219	Save	Save
		200-204	Run Scene 01	Run Scene 01
		205-209	Run Scene 02	Run Scene 02
		210-214	Run Scene 03	Run Scene 03
		215-219	Run Scene 04	Run Scene 04
		220-224	Run Scene 05	Run Scene 05
		225-229	Run Scene 06	Run Scene 06
		230-234	Run Scene 07	Run Scene 07
		235-239	Run Scene 08	Run Scene 08
		240-244	Run Scene 09	Run Scene 09
		245-249	Run Scene 10	Run Scene 10
		250-255	Save	Save

Manual Control & Programming (RWLYH10/RWLYH15)

Function Description

1. For manual control operations, enter "Menu / User Program / Scene" to adjust settings. Saved programs can be stored and retained permanently.
2. The device supports editing and saving up to 10 user programs in total. These programs can run independently, or be connected for sequential operation to realize multi-scene switching effects.

Common Faults and Troubleshooting

Corresponding solutions are provided for common faults. Any unresolved issues should be handled by professional technicians. "Disconnect the power supply first" before maintaining the light fixture.

1. The light fixture does not turn on

- Check if the input voltage matches the rated voltage of the fixture;
- Check for poor contact at the power connection terminals or control switches of the fixture;
- Verify whether the power supply is insufficient;
- Confirm that the DMX512 controller is sending commands normally.

2. The fixture fails to respond to the console after normal reset

- Check whether the DMX starting address and function settings of the fixture are correct.
- Verify correct connection of communication control cables; check if the cables are overly long or broken.
- Confirm whether the controller is faulty, and check the daisy-chained signal amplifiers for failure.
- Inspect excessive cable length or signal interference from other external devices on communication lines.
- Optimize wiring layout, shorten control signal cables, and separate high-voltage and low-voltage circuits during wiring.
- Add additional signal amplifiers as required.
- Use high-quality shielded twisted-pair wires for signal transmission. - Connect a "120Ω terminal resistor" at the last fixture of the DMX line end.

3. The fixture fails to start

- Check whether the power supply parameters match the rated requirements of the fixture.
- Inspect for poor contact or loose connections caused by extrusion deformation, internal component vibration, moisture and other issues during long-distance transportation.
- Check if internal wires and connectors of the fixture are fallen off or loose.
- Examine electronic components (such as electronic transformers, PCB boards, motor control boards, etc.) for looseness, short circuits or burnout damage.

4. Common Problems in Fixture Operation

- Obvious dark spots appear at the center of the light spot, and black dots are visible on the luminous area of the phosphor sheet. This is caused by instantaneous overcurrent.
- Low light output; the laser light source may be burned out due to other abnormalities.
- Significant brightness drop during operation, usually caused by insufficient heat dissipation. Check if the lamp is covered by obstructions or other related faults exist.

Product Warranty Card

Dear Customer,

Welcome to our products. The product you purchased has passed strict inspection before leaving the factory to ensure product quality. For better service, please read, fill in, and keep this warranty card after purchasing the product.

User Name:		telephone numbers:	
address:			
Product name and model:		Purchase Date:	
Installation Unit:		Installer's Signature:	
Maintenance Records	Maintenance Date:	Fault Cause and Handling:	Maintenance Personnel's Signature

Warranty Instructions:

1. This warranty card should be kept by the user as a maintenance certificate after being signed and sealed by the dealer. Please present this warranty card when repairing the product.
2. We abide by the "Product Quality Law", "Consumer Rights Protection Law", and policy of automobile warranty services of repair, replacement and refund to provide free warranty for our products. The free warranty period is one year from the purchase date.

If a device under warranty experiences any of the following situations during the warranty period, it will not be eligible for free repair services, but paid maintenance can be provided:

A: Failure to provide the warranty card and valid invoice, or the warranty card and invoice have been altered;

B: Damage caused by improper use, storage, or maintenance by the user;

C: Damage caused by force majeure (lightning strike, earthquake, water immersion, excessive voltage, installation damage, etc.);

D: Unauthorized opening without the permission of the company's relevant technicians and dealers.