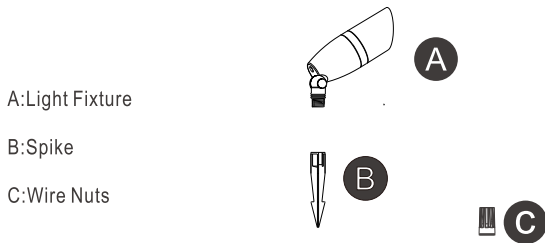


01 / WARNING

PLEASE READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING OR INSTALLING THIS PRODUCT.

- ONLY use this fixture on 12-24V AC/DC circuits.
- The maximum load (combined total wattage of all fixtures) should NOT exceed 80% of the total power rating of the transformer.
- The wire is intended for shallow burial (less than 6 inches deep).
- Install ALL fixtures at least 10ft away from pools, spas, or fountains.
- Keep the fixtures away from flammable or combustible materials.
- DO NOT touch the lens, guard, or fixture housing while in use.
- DO NOT operate or install a fixture with missing or damaged parts.
- DO NOT submerge this fixture in water as this may damage it.
- Vertically mount the transformer at least 12 inches above the ground.
- Keep this fixture out of the reach of children under 3 years old.
- DO NOT connect this fixture to electrical systems that DO NOT have grounding.

02 / PRODUCT DIAGRAM



03 / INSTALLATION

Step 1: Prepare a 120V to 12-24V transformer (not included), a main power cord (not included), waterproof wire nuts and the whole set of light fixtures.

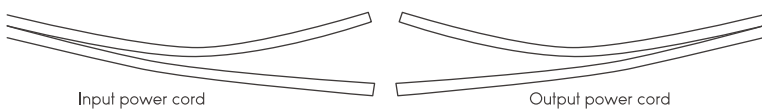
NOTE: The total power of the light fixtures should NOT exceed 80% of the total rating of the transformer. It is recommended to use 12AWG, 14AWG, 16AWG or 18AWG as the main power cord.

Step 2: Turn the power off, and connect the main power cord to the transformer.

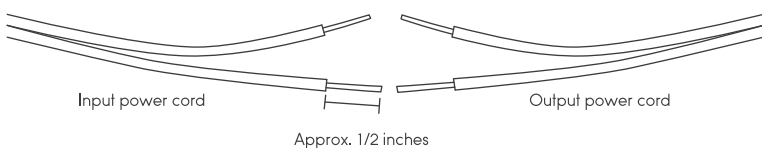
Step 3: Move the main power cord to the proper position of the light fixture.

Step 4: Swivel the light bar (A) onto the stake (B) (Fig. 1), then put them in the positions you want.

Step 5: Cut the main power cord into two parts and separate the main power cord into two wires from the ends until there's enough length to connect a fixture.



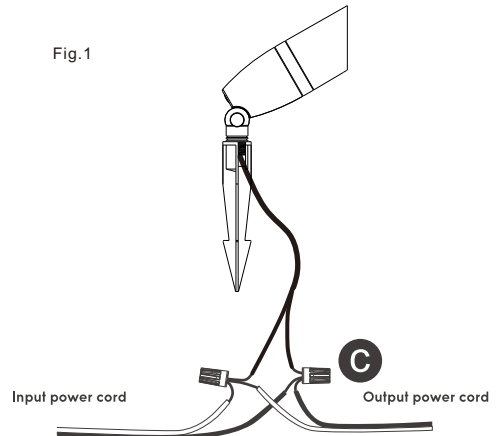
Step 6: Strip approximately 1/2 inches of insulation off the ends.



Step 7: Separate the fixture wire into two wires. Connect one input power cord, one output power cord and a fixture wire together through waterproof wire nuts (C) (Fig. 1). Fasten the wires lightly together and make sure there isn't a loose wire. Continue to install the rest of the light fixtures by repeating Steps 4 to 7.

NOTE: If using connectors (not included) to install, attach the light fixture wires to the connectors and attach the connector to the main power cord. There is no need to strip the main power cord. If using waterproof wire nuts to install, please follow Steps 4 to 7 to reach the performance.

Fig.1



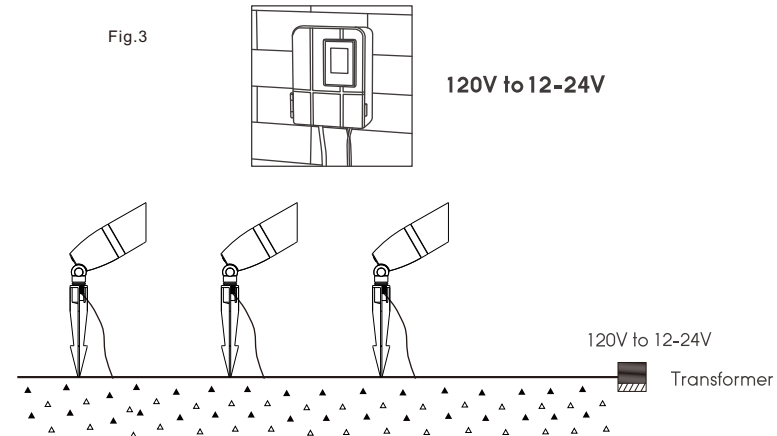
Step8: Loosen the knob, adjust to the angle you need then tighten the knob (Fig2).
Step9: Use a shovel to loosen the ground or soften it with water, then insert the fixture into the ground. And place the wires inside the dug ditch, then cover the wires with the surrounding dirt.
Step10: After finishing the wire connection, turn on the power.

04 / SPECIFICATIONS

PRODUCT NAME	LANDSCAPE LED SPOT LIGHT	BEAM ANGLE	60°
MODEL NO	CL-LS13-60-724-3K-BL-5	BODY COLOR	BLACK
INPUT VOLTAGE	12-24V AC/DC	BODY MATERIAL	ALUMINUM
POWER	7W	LENS MATERIAL	GLASS
LUMEN	650 LM	WORKING TEMP	-40°C~40°C
COLOR TEMP	3000K	LIFE TIME	>50,000 hrs
CRI	>90	WARRANTY	5 YEARS
IP	65		

NOTE: DO NOT use a hammer. DO NOT attempt to use your weight to push the fixture into the ground. If your layout requires shorter distances between fixtures, roll up and bury the excess wire.

Fig.3



05 / CARE AND MAINTENANCE

- Before attempting to clean the fixture, disconnect the power by turning off the breaker or by removing the fuse from the box.

- DO NOT USE ANY CLEANERS WITH CHEMICALS, SOLVENTS OR HARSH ABRASIVES.

06 / TROUBLESHOOTING

If all lights are not working properly:

- Check if the power is turned on.
- Check to make sure the input voltage is 12-24V.
- Check to make sure that the transformer is properly connected.

If some lights are not working properly:

- Check the wiring, make sure that all connections between the lights and the main power cord are tightened properly.
- Check the connectors, if any, make sure that connectors work correctly. If the lights still do not work after several adjustments, please contact our customer service as soon as possible.