

WOW LED LIGHT – USER MANUAL

WARNING AND CAUTION

This manual contains important information about the installation and operation of WOW LED light.

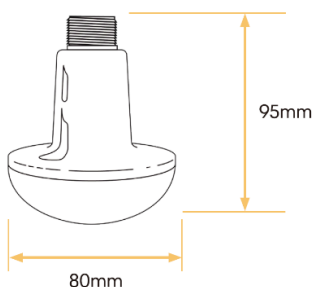
Please pay close attention to the important safety information shown throughout this instruction manual. Before using it for the first time, please read the instructions carefully, and keep them for further reference.



WARNINGS - SHOCK HAZARD

- Hazard voltage: May result in serious injury or death. Before installation process, turn circuit breaker to OFF position or remove fuse(s) and test that power is OFF.
- Never wire any electrical device with power turned ON.
- Installation must be carried out by a licensed and authorized person.
- A faulty device should be returned to the distributor.

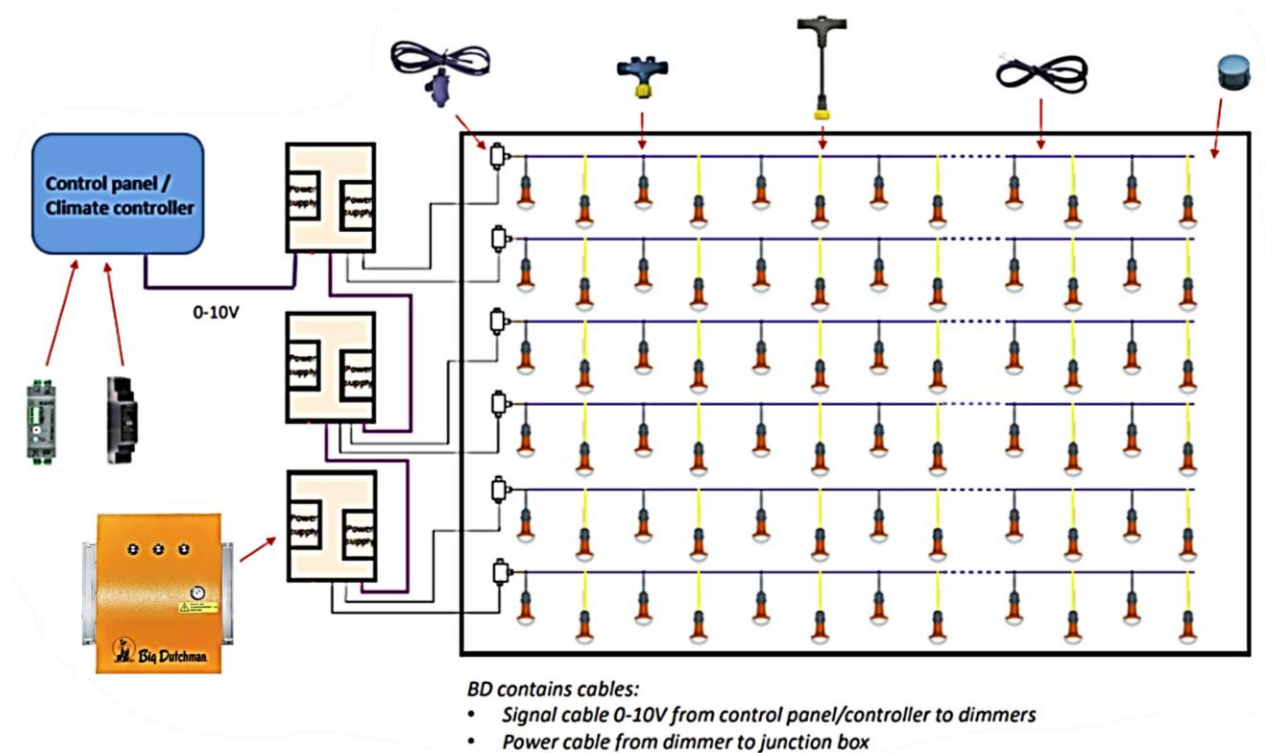
DIMENSION AND TECHNICAL SPECIFICATIONS



Technical specifications	
Input power	96 VDC
Power	6.3W
Dimming	0 – 100%
Colour temperature	3000 K
Lumen output	750 lm
Luminous efficiency	119 lm/W
IP rating	IP 67
Operating temperature	-10°C to 40°C
Operating hours	35,000 h

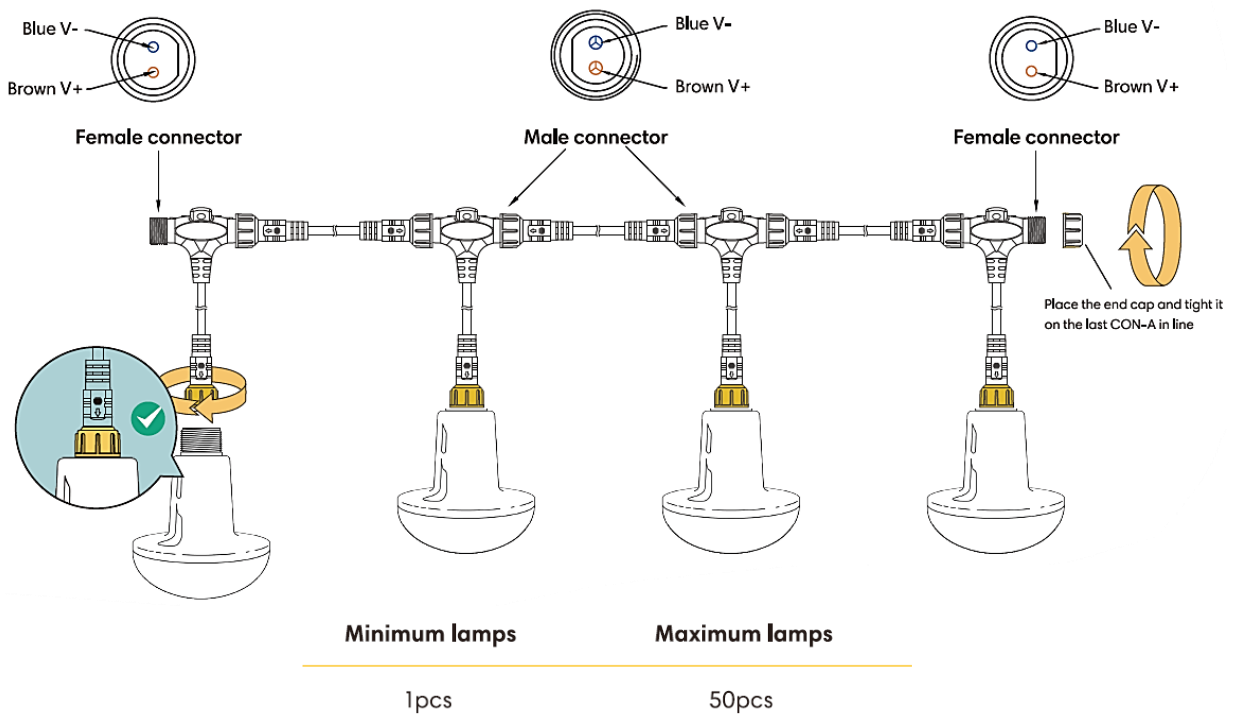
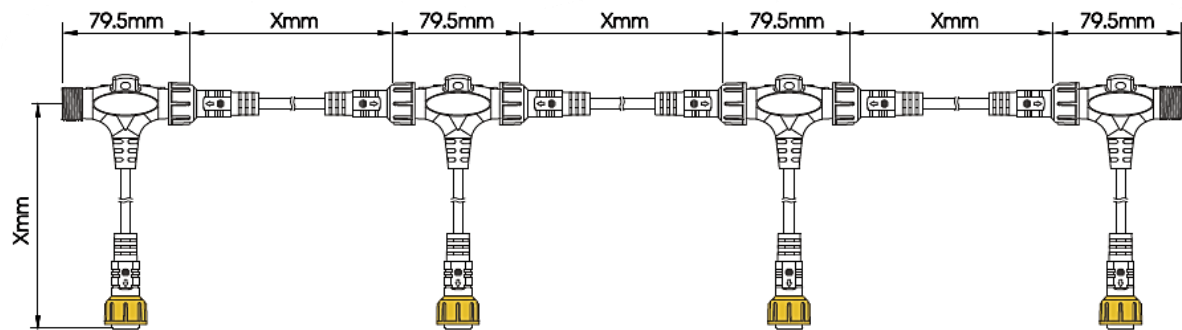
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LIGHTING SETUP



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MOUNTING METHOD



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RECOMMENDED SUSPENSION HEIGHT

3 tiers cage setup

- Top lamps 10~20cm above top cage
- Bottom lamps in the middle of the top cage



Fig. 1: 3 tiers cage lighting setup

4 tiers cage setup

- Top lamps 10~20cm above top cage
- Bottom lamps in the middle of the 3rd cage



Fig. 2: 4 tiers cage lighting setup

5 tiers cage setup

- Top lamps 10~20cm above top cage
- Bottom lamps in the middle of the 3rd cage



Fig. 3: 5 tiers cage lighting setup

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INSTALLATION

Step 1 – Install LED lights to suspended wire ropes

- Fix the wire rope as shown in Fig. 4, ensuring that the two wire ropes are installed in parallel with a horizontal gap of 35~45mm.
- The fixing height should be subject to the installation guide or layout drawing.

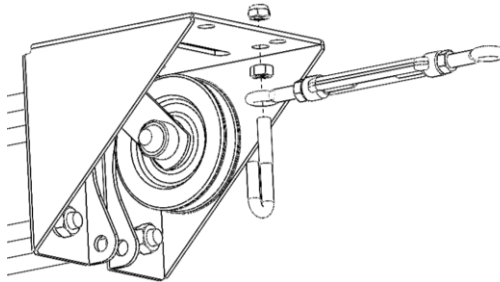


Fig. 4a: Hook installation method

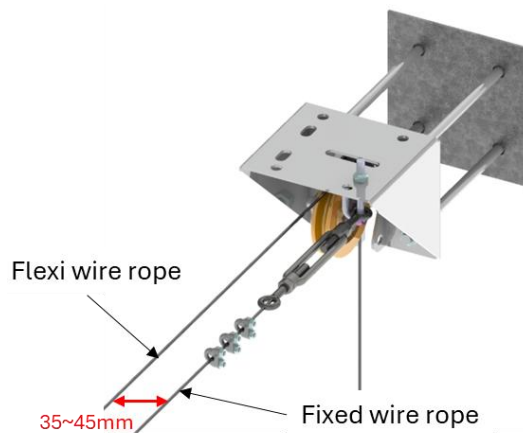


Fig. 4b: Wire rope installation position

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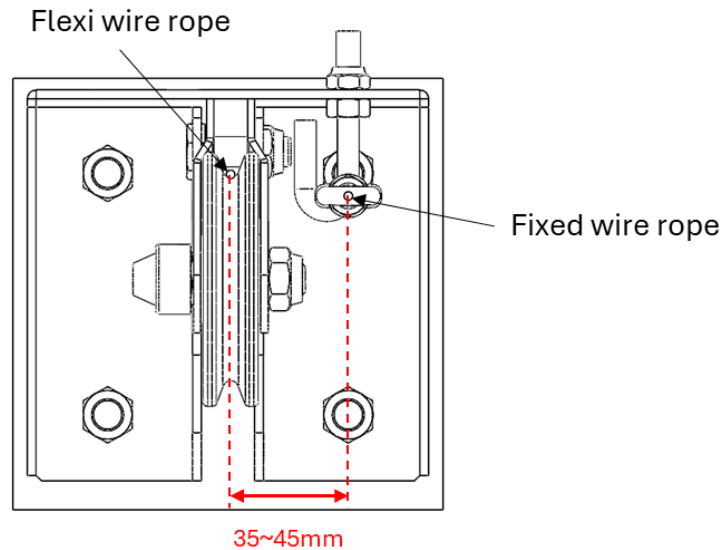


Fig. 4c: Wire rope installation position (Front View)

- Fix the WOW LED lights on the T-connectors and connect each T-connector in a row using the power connection cable.
- Secure the components to the “fixed” wire rope with cable ties.

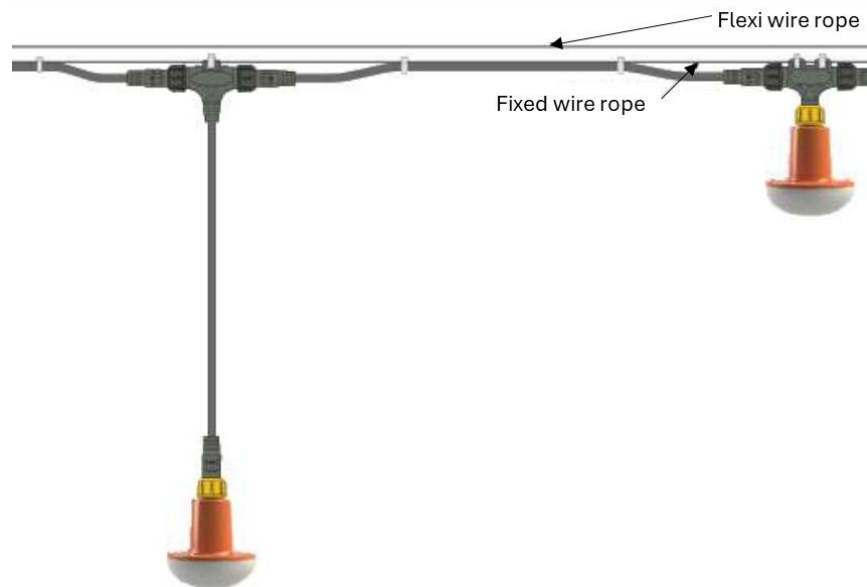


Fig. 5: Install WOW LED Light

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Step 2 – Install the “Fixed” lifting ring

- Install the lifting ring on the “Fixed” wire rope.

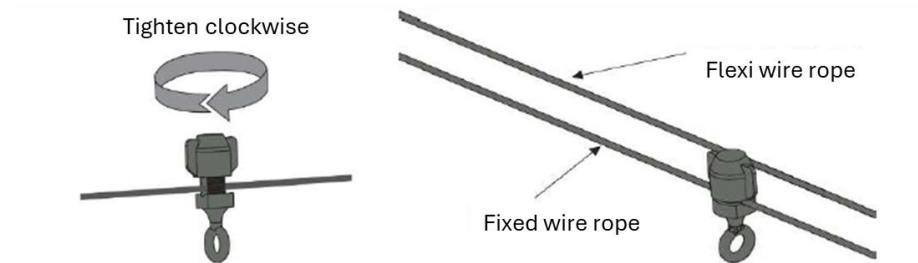


Fig. 6: Install “Fixed” lifting ring

- The lifting ring is 6cm away from the T-connector cable.

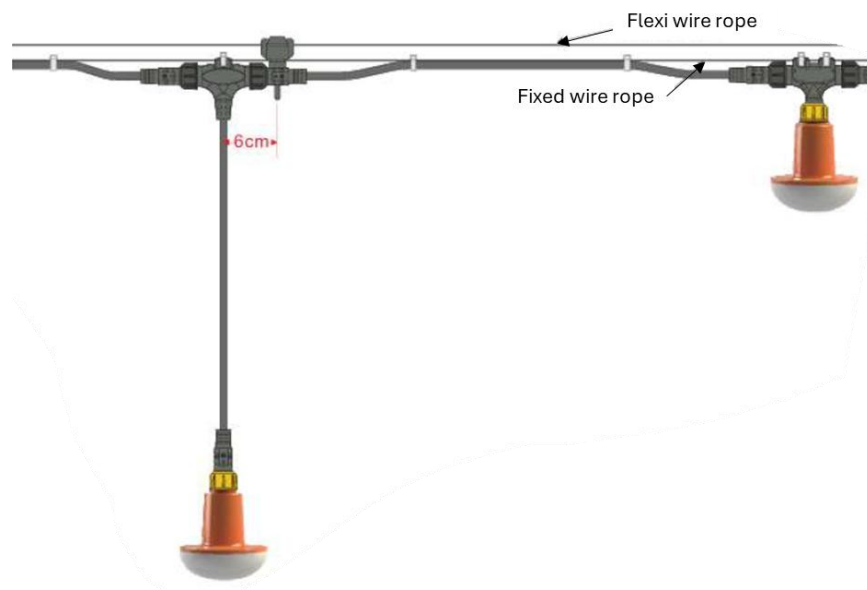


Fig. 7: Installation of “Fixed” lifting ring

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Step 3 – Install the “Flexi” lifting ring

- Install the lifting ring on the “Flexi” wire rope.

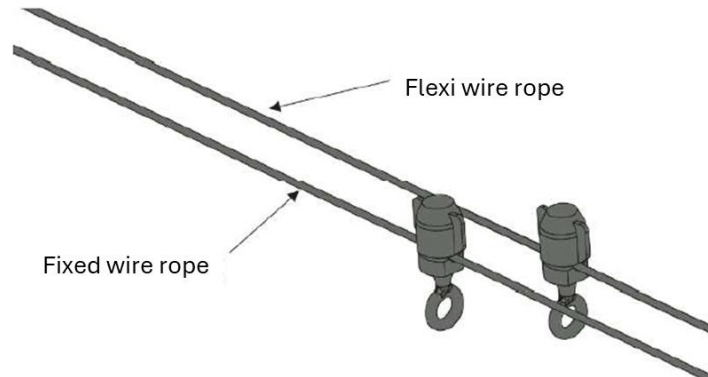


Fig. 8: Install “Flexi” lifting ring

- The lifting ring is 7cm away from the T-connector cable.

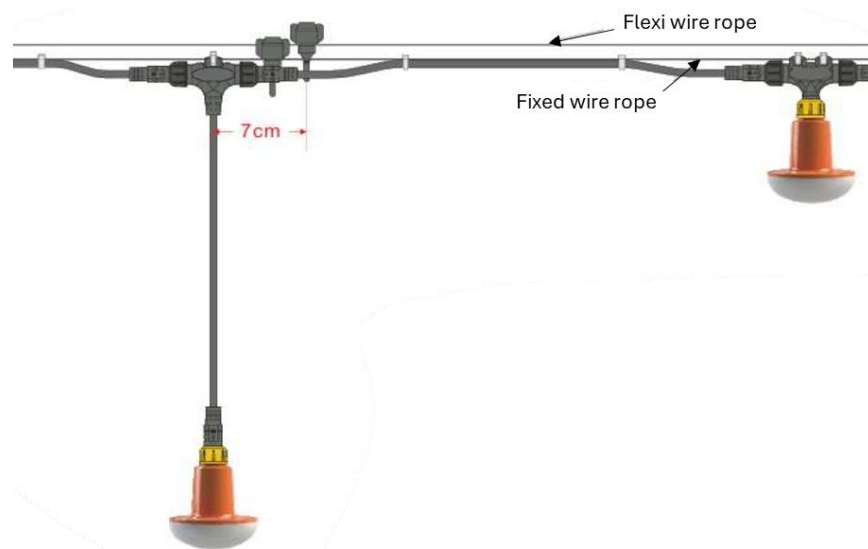


Fig. 9: Installation of “Flexi” lifting ring

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Step 4 – Install nylon rope

- Fix one end of the nylon rope to the “Flexi” lifting ring with a cable tie (as Fig. 10-1).
- Pass the other end of the nylon rope through the “Fixed” lifting ring (as Fig. 10-2).
- Fix the nylon rope 10cm away from the end of the T-connector cable with a cable tie.

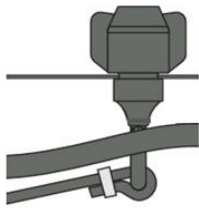


Fig. 10-1: Fixed nylon rope at “Flexi” lifting ring

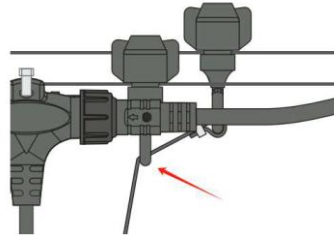


Fig. 10-2: Nylon rope pass through “Fixed” lifting ring

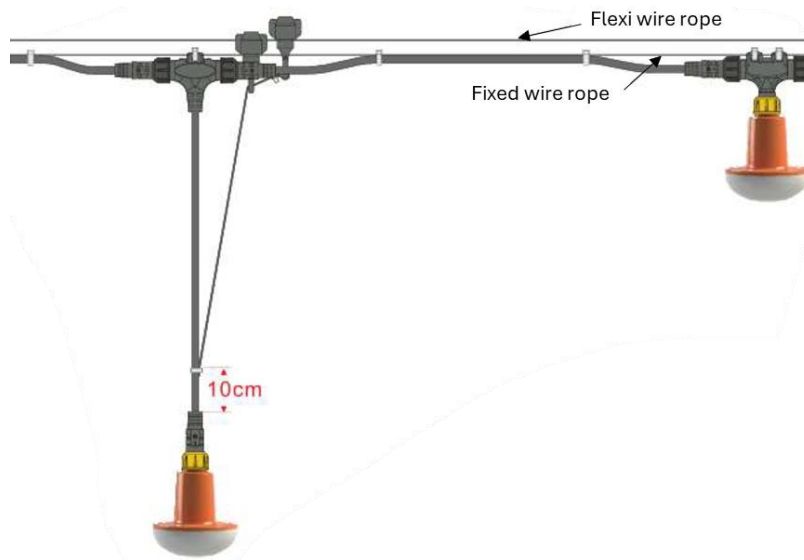


Fig. 10-3: Fixed nylon rope at T connector cable

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Step 5 – Installation complete

- Check and adjust to ensure there are no abnormalities during lifting process.

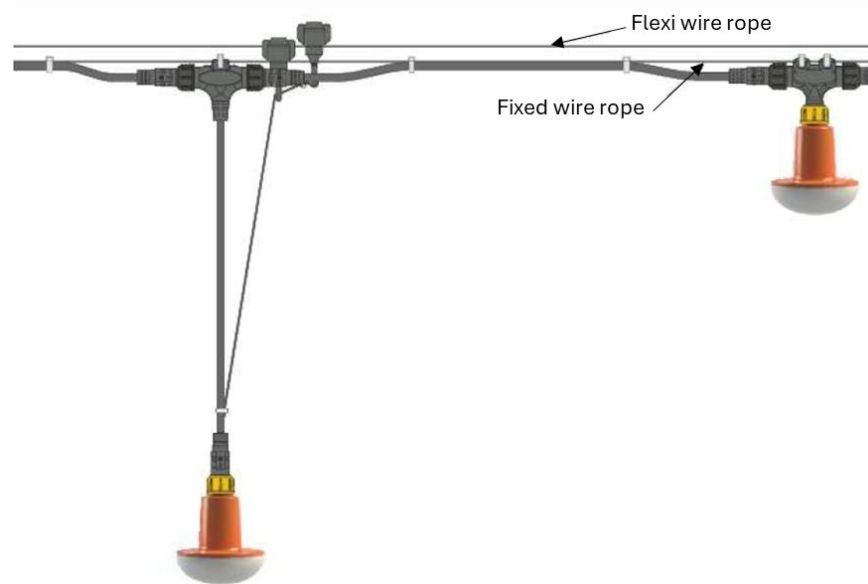


Fig. 11: WOW LED light in lowest position

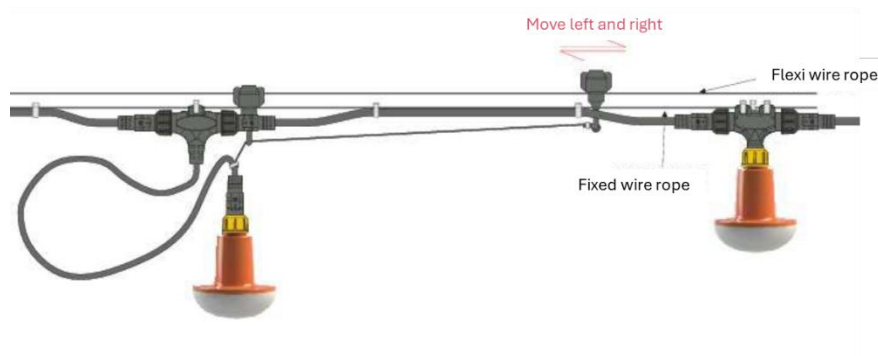


Fig. 12: WOW LED light in highest position