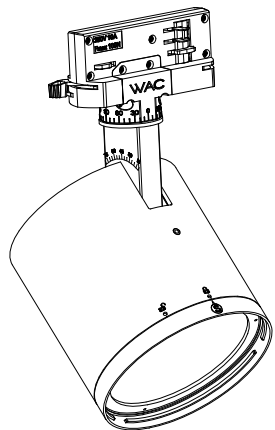


SWALLOW Series Track Lights



Model: TL41*/TL42*/TL43*

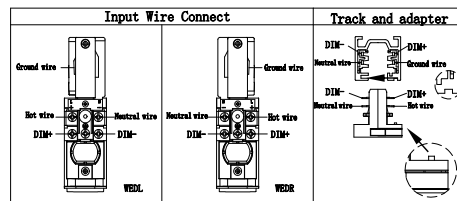
Installation Precautions:

1. Please read through the Instructions before installation;
2. Fixtures are designed for use on WAC W rail system (using tracks from other brands may not be compatible). Guide rail parameters: Input voltage: AC 220-240V Maximum current: 16A;
3. The fixture has 0-10V and DALI dimming functions. To prevent the fire of the track system, it is strictly prohibited to connect the track dimming wire to the mains;
4. The product should be installed by a professional electrician;
5. Only suitable for indoor installation and use (do not install in damp or wet locations);
6. The fixtures need to undergo compatibility testing with the dimming system in advance;
7. Please keep this Instruction properly for future reference.

Attention: To prevent electric shock and damage to the fixture, please turn off the power before installing, maintaining, or replacing accessories. It is not allowed to install with electricity. Schematic diagram of track electrification:

Schematic diagram of track electrification:

1. The luminaire track head is powered by a single-circuit system, with dimming functions of 0-10V and DALI. Please ensure that the wiring of the rail power inlet is consistent with the diagram below.

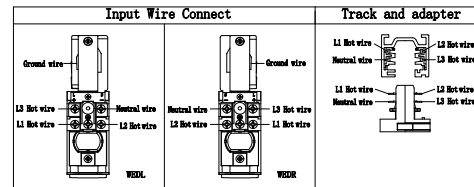


Note:

1. The input direction of the track head must be distinguished, as the track connectors are installed with a fixed orientation.

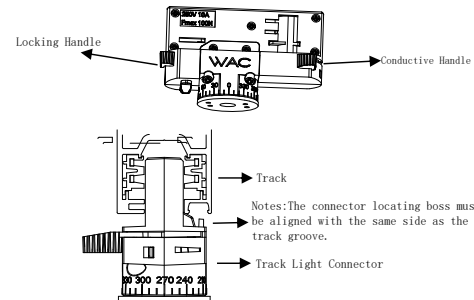
2

2. The track adapter is designed for **3-circuit power supply, without 0-10V or DALI dimming function**. Please ensure that the wiring of the track feed corresponds to the diagram below.



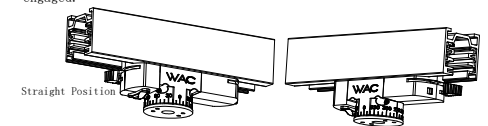
Assembling the Track Light Connector:

1. Before assembly, ensure that the locking handle and conductive contacts are positioned at a 90° vertical angle.
2. Align the track light connector and the locating boss with the groove of the track before assembly.



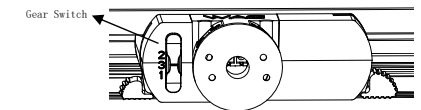
3

3. Insert the track connector into the track then rotate both the locking handle and the conductive handle to the 180° position and ensure that both handles pass over the detent point and are securely engaged.



4. Track Connector Gear Switching:

- 1) **Three-circuit track connector is equipped with a position switch.** The center line of the switch serves as the reference point. By toggling forward or backward, the connector can be switched to position 2 or 1 (default position is 3).
- 2) **Single-Circuit Track Connector (Equipped with 0-10V and DALI dimming functions) without gear-switching function.**



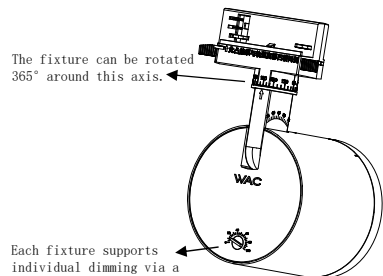
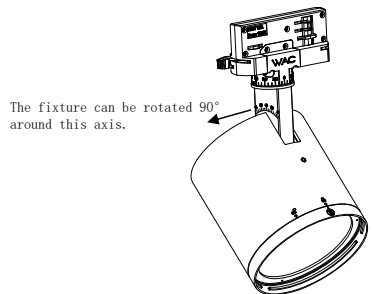
Removing the Track Connector

Removing the adapter is the opposite of installing the adapter program.

4

Fixture adjustment

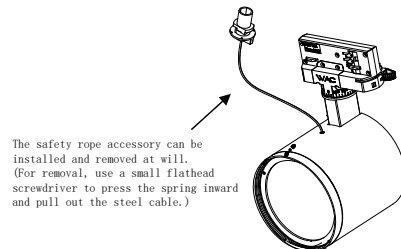
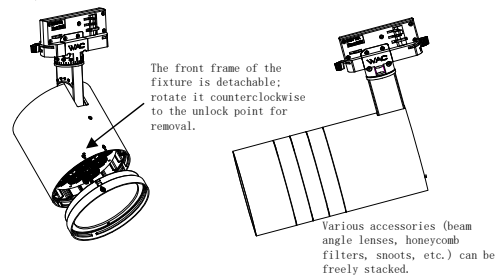
The fixture body can be rotated vertically 90° and horizontally 365°.



5

Installation of fixture Accessories (Accessories sold separately):

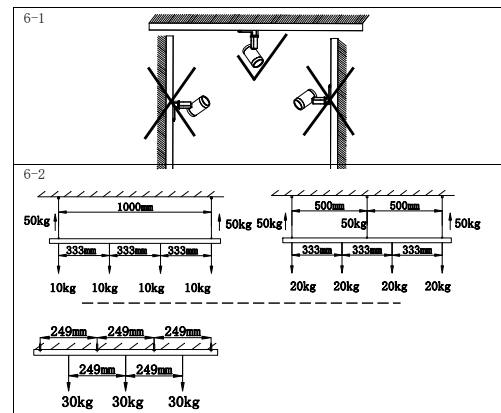
Rotate the front cover clockwise to the unlock position and stop turning; the front cover can then be removed from the luminaire (illustration below).



6

Track System Installation Method & Maximum Load

1. The track system must be suspended only; side mounting is not allowed. (Fig. 6-1)
2. The maximum load capacity of the track system is as shown in Fig. 6-2. This load includes the total weight of the entire suspension system.
3. A single connector can support a maximum load of 10kg, provided the load is applied under normal fixture installation conditions. (Fig. 10-2)



7

WAC

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