Lens frame

How to Use the Rotatable Lens Frame:
The Lens Frame is the central rotatable lens of the MT-150 Lamp, allowing you to adjust the focus and direction of the light beam. This is essential for spotlighting specific areas or objects.

Identify the Lens Frame
The Lens Frame is the circular lens located in the middle of the lamp head. It can be rotated to adjust the direction and focus of the light beam.

Rotate the Lens for Focus Adjustment
Gently grip the edge of the lens and rotate it clockwise or counterclockwise. This rotation changes the spread of the light, allowing you to focus the light on a narrow area or expand it for broader coverage. The rotation mechanism is smooth and designed for easy adjustments without tools.

Optimal Beam Control
Rotate the lens to direct the light beam at the exact angle or focus area you need. This can be particularly useful in task lighting, exhibitions, or workspaces where precise lighting control is critical.

Locking and Stability
Once the lens is positioned as desired, it will hold its position firmly, ensuring stable and consistent light output.

To rotate the lens, gently press down on it. This will release the lens from its locked position, allowing it to turn smoothly. Pressing down disengages the lock, making adjustment easier.

Color temperature switch

Daylight (4200K):
When set to 4200K, the light emits a cool, bright, bluish-white tone that mimics natural daylight. This setting is perfect for outdoor shoots or when you need to replicate the look of sunlight in a scene.

Tungsten (2800K):
The 2800K setting produces a warm, soft, yellowish light, similar to traditional tungsten bulbs. This is ideal for indoor scenes where warmer, more intimate lighting is needed.

Transition:
The transition between color temperatures is step-based, meaning it jumps from one preset to another. This does not offer a gradual transition, but it still allows for quick adjustments to match your preferred lighting environment.

To change the color temperature, simply toggle the switch to select the appropriate setting. This feature provides a step-based transition between the two lighting modes, enabling fast and efficient adjustments without the need for external filters or color correction accessories, thereby enhancing workflow efficiency in dynamic lighting scenarios.



Illustration of lens frame on the MT-150



Illustration of Color temperature Switch and safety wire on the MT-150

Safety information

WARNING! BEFORE UNPACKING-, INSTALLING-, POWERING- OR OPERATING THE MT-150, PLEASE READ THE FOLLOWING SAFETY INFORMATION.

All products from DVT Light are exclusively meant for professional use; household- or personal use is not intended. This product must be installed by a person who is familiar with the design-, operation- and potential risks of the fixture, and it must always be done in accordance with the relevant installation code.

DANGER! Keep the fixture closed. Electric shock risk.

- Before connecting the fixture to the AC, make sure the power is turned off.
- There are no components in the MT-150 that can be serviced by the user and the fixture should therefore never be opened.

- Make sure the fixture is electrically linked to earth (ground).
- If there is any sign of damage on the power cable or on the MT-150 itself, do not apply power.
- Never submerge the fixture in any liquid or water.

WARNING! Avoid fires and burns by always taking precautions.

- Only install the fixture in an area with good ventilation.
- Ensure that there is a minimum of 0,5 meters (1.64 feet) of space surrounding the cooling fans.

- Install the fixture in a position that shields it from unintentional touch.
- Install at least 0,5 meters (1.64 feet) from the objects that are going to be targeted by the MT-150.

- Make sure to always install in compliance with relevant building codes.
- All materials that could potentially catch fire should be kept at a safe distance from the MT-150.

- Avoid altering the interior- and exterior of the fixture in any way, and make sure never to mask- or filter the light.
- After use, let the fixture cool for at least 15 minutes before handling it.

WARNING! Avoid personal harm by always taking precautions.

- Always avoid looking directly at the MT-150's light source for extended periods of time when standing close to it.
- Be sure to always use caution when installing the
- MT-150 in high places.
- Secure the MT-150 with appropriate safety cables when installing it in high places, and remember to always adhere to applicable load dimensioning and safety regulations.
- The standard safety wire cable must have a minimum gauge of 4 mm and be authorized for a safe working load (SWL) of ten times the weight of the MT-150.

Installation of the MT-150

Before installing the MT-150, please read these instructions carefully. If you have any questions about the installation process, always refer to the user manual or contact us at support@dvtlight.com.

Contents of the box and recommended installation location

The MT-150 package includes:

- 1 adjustable yoke bracket
- Safety information leaflet

With an IP21 rating, the MT-150 is designed primarily for indoor use, as it is not protected against direct water exposure. Ensure the installation location is dry and stable.

Mounting and positioning

The MT-150 can be mounted in various directions to fit your lighting needs. The fixture's yoke bracket allows for flexible positioning and secure mounting on trusses, lighting stands, or other structures.

- Use appropriate fasteners through the yoke bracket holes to secure the fixture.
- Adjust the yoke's angle to direct the light precisely where needed, then tighten the locking knobs to hold the angle in place.

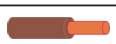
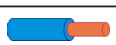
Ensure that the installation site can support the fixture's weight 7 kg (15.43 lbs.) and that the mount is secure before powering on the device.

Safety wire attachment point :

The MT-150 is equipped with a safety wire attachment point to provide additional security during installation and use. Make sure to always install a safety wire which are in compliance with the safety standards, to minimize the risk of damage or injury in case of a mounting failure. The safety wire should be properly fastened to a stable mounting point before use. Always double-check that the safety wire is securely attached and tensioned appropriately for maximum safety.

Electrical Connections

Connect the brown wire to the live terminal.
Connect the blue wire to the neutral terminal (or Phase 2 for 208V systems).
Connect the green/yellow wire to the ground (earth) terminal.

Wire	Color	Symbol	Conductor
	Yellow/Green	⏚	Ground
	Brown	L	Live
	Blue	B	Neutral

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