

Ultra **LED** **SERIES**



Information specifically for:  
DL-PINLED3W

V1

This manual contains important information.  
Please read before operating fixture.



# **IMPORTANT INFORMATION**

**Save original packing and documentation for warranty, service and return issues.**

Limited Warranty: This warranty covers defects or malfunctions in this equipment. This warranty lasts for a period of one year from date of purchase. It is the owner's responsibility to provide invoices for proof of purchase, purchase date and dealer or distributor. If purchase date can not be provided, warranty period will start at manufacture date. It is the sole discretion of Techni-Lux to repair or replace parts or equipment. All shipping will be paid by purchaser. This warranty does not cover lamps, fuses, belts, power semiconductors, relays, cleaning, standard maintenance adjustments or normal wear items or any problem resulting from the following: improper wiring, incorrect voltage (including low or over voltage conditions and lightning), abuse, misuse, improper maintenance or an act of God or damage resulting from shipping. Warranty will be null and void if the product is altered, modified, misused, damaged, or subjected to unauthorized repairs. Lamps are covered by relevant manufacturer warranty. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Any liability for consequential and incidental damages is expressly disclaimed. No other warranty, expressed or implied is made. Techni-Lux liability in all events is limited to, and shall not exceed, the purchase price paid.

Returning equipment and Repairs: All returns must be accompanied by a Return Merchandise Authorization (RMA) number and sent pre-paid. Contact the dealer or Techni-Lux directly to obtain an RMA. The RMA number must be clearly listed on the shipping label. Due care must be exercised in packing all merchandise to be returned. All repairs must be accompanied by a written explanation of the claimed problem or error encountered. Techni-Lux is solely responsible for determining a product's eligibility for coverage under warranty. If returning for consideration of credit, all accessories and documentation, original protective material and cartons must be included and the equipment, packing and carton must be in new resalable condition. Credit for returned merchandise will be issued at the lowest current price and is subject to a restocking fee. No returns accepted on discontinued items. Techni-Lux is not responsible for merchandise damaged in transit and reserves the right to refuse any return that is damaged by the carrier, not accompanied by a Return Authorization Number (RMA#) or sent by freight collect.

Claims: All claims must be made within seven (7) days of receipt of merchandise. Any physical damage must be reported to carrier upon receipt of merchandise.

**Please record the following information for future reference:**

**Model Number (circle):** DL-PINLED3W

Serial Number: \_\_\_\_\_

Dealer: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

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## Specifications

### *Fixture Overview*

- Plastic and light weight unit
- Narrow pin beam with single LED source
- 3 watt high power White LED
- Two beam angles: 6 & 12 degrees
- Clamp mounting hole: 3/8 inch (10mm)
- Auto power ranging

### *Physical*

|        |                   |
|--------|-------------------|
| Color  | Black             |
| Size   | 6.22" x 3" x 2.4" |
| Weight | 1.1 lbs (0.5 kgs) |

### *Environmental*

|                                      |              |
|--------------------------------------|--------------|
| Location                             | Indoor       |
| Max. ambient temperature             | 105°F (40°C) |
| Min. distance to flammable surface   | 3.3ft (1m)   |
| Min. distance to illuminated surface | 1ft (0.3m)   |

### *Electrical*

|                |                                   |
|----------------|-----------------------------------|
| Voltage        | Auto-Ranging 100–240vAC @ 50/60Hz |
| Power Consumed | 4 watts                           |

### *Optics*

|                     |                            |
|---------------------|----------------------------|
| Light Source        | 3 watt LED element - White |
| Lenses / Beam Angle | 6° or 12°                  |

### *Rigging*

|                 |  |
|-----------------|--|
| Orientation     | Any                                      |
| Mounting Points | L bracket with 3/8" (10mm) mounting hole |

## Unpacking

Immediately upon receipt, carefully unpack and inspect the fixture to verify that all parts are present and have been received in good condition. If any parts appear damaged from shipping or the shipping carton shows signs of mishandling, notify the shipper immediately. Retain carton and all packing material for inspection. In the event that the merchandise is to be returned, the original carton and packing must be used. The customer will be billed for a new carton and packing if merchandise is received without the original carton and packing.

### *Claims*

Physical damage must be reported to the Freight Carrier or Shipping Company upon receipt of merchandise. Damage incurred in shipping is the responsibility of the Freight Carrier or Shipping Company. It is the customer's obligation in the event that merchandise is received damaged, to notify the Freight Carrier or Shipping Company immediately. All other claims not related to damage incurred during shipping must be made to the Dealer or Distributor within 7 days of receiving merchandise.

### *Returns*

Returned merchandise must be in the original packing with a Return Merchandise Authorization number (RMA) clearly listed on the shipping label. Items sent by Freight Collect or without a RMA number will be refused. Call your sales person and request a RMA prior to shipping. Be prepared to provide the model number, serial number and description of the nature of the return. Shipping damage resulting from inadequate packaging is the customer's responsibility. Customer will be charged additional shipping charges to return products received in non original packing and or cartons.

## Power



Do not apply power to the fixture until power source is verified.  
For protection against electric shock, fixture must be connected to suitable earth ground.  
Make sure fixture is disconnected from power mains before any service.

This fixture automatically adjusts to mains voltage and frequency 100-240vAC 50/60Hz. The listed power rating is its average wattage under normal conditions. All fixtures must be powered directly from a switched circuit. This fixture cannot be run on a rheostat or dimmer circuit even if used solely for a 0% to 100% switching. Before applying power to a fixture, check that the fixture's input voltage matches the power source voltage. Consult a qualified electrician if there are any concerns about proper connection to power.

## Mounting

Always consult a qualified professional when rigging. Consider access for routine maintenance when selecting a mounting position. This fixture may be mounted in any position provided there is adequate room for movement and ventilation. Mount the fixture securely using a clamp and a safety cable. Do not mount where the fixture will be exposed to rain, high humidity, extreme temperature changes or restricted ventilation. Do not obstruct any vents.

## Setup and Operation

The PinLED is a simple, small and light weight plastic housing fixture. It is the best choice for a mirror ball to make the beam effect, it is good for mobile DJ's, clubs, bars and for architectural lighting where a very tight spot light source is needed. Securely mount the unit using the provided L-bracket and the 3/8" hole on the bracket. Using the side knob, adjust the angle of fixture to point it at the desired object. To turn unit on and off, power the unit on and off. There is no control of this product other than by turning the power on and off.

Note: Depending on the distance and the diameter of the desired light beam, it may be necessary to change the lens. For example, to achieve the best mirror ball effect, you should optimize the light beam diameter to be about the size of the mirror ball itself. It can be done by varying the distance from this light to the mirror ball and by changing the lens. This will allow the maximum mirrors on the ball to reflect light and thus create the greatest amount of beams.

## Lens Change



This PinLED unit comes with a standard 6 degree lens already installed. Included in the box is an optional 12 degree lens. To switch the lens, simply remove the retainer ring in front of the current lens, carefully remove the lens and replace it with the 12 degree lens. Replace the retainer ring and properly store the remaining lens.

# Maintenance



Make sure fixture is cool and disconnected from power mains before any service.

Weekly operating hours and environmental conditions will establish how often the fixtures need cleaning. Fixtures should be cleaned and inspected at least once a month to maintain optimum performance. Accumulation of dust and fog residue increases heat build up, can lead to malfunctions, overheating and reduction in maximum light output, reduced fixture life and over all performance. Before conducting any maintenance, disconnect fixture from power mains.

- 1) Disconnect fixture from power mains.
- 2) Use a vacuum with a soft brush to remove dust collected on external vents and internal components. If using an air compressor, use low pressures and extreme care to prevent damaging any internal parts or effects.
- 4) Clean all optical elements when the fixture is cold. Use a soft lint free cotton cloth or tissue and cleaner safe for plastics.
- 5) Inspect clamps and safety cables to ensure fixture is secure and safe.

## Accessory Items (sold separately)

| Order Code     | Description                                      |
|----------------|--|
| CLAMP-C        | Medium Duty C-Clamp                              |
| CLAMP-MINI/P   | Mini Clamp Polished for 3/4"-2"                  |
| CLAMP-MINI/B   | Mini Clamp Black for 3/4"-2"                     |
| CLAMP-CBHALF/N | Half Cheeseborough Coupler Narrow 300kg Max Load |
|                |  |



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