

# ALZO DIMMABLE LED DRUM Overhead Light Installation Guide

## HANGING THE ALZO DIMMABLE LED DRUM LIGHT

The ALZO DIMMABLE LED DRUM LIGHT has 2 hanging options: wire through-eye or 5/8" baby pin socket. The wire through eye hanging option is required when suspending the ALZO Drum Light from ceilings higher than 9 feet. The wire through eye requires 30-pound minimum rated steel support wire secured with wire rope clamps or crimp loop sleeve fasteners.



The ALZO Baby Pin Socket Hanger accessory allows for easy attachment to an ALZO Suspended Drop Ceiling Photo Video Light Mount Kit or a studio lighting grid system. The baby pin socket hanger allows for attachment with a super clamp as well.

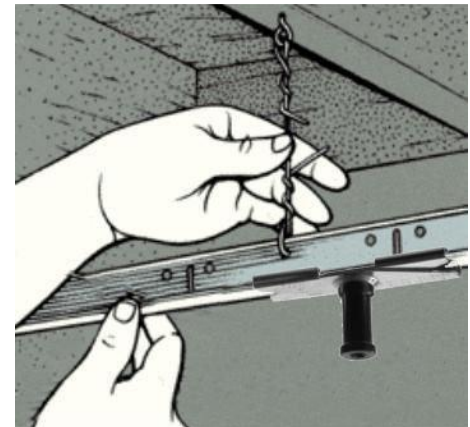


## INSTALLATION TO A SUSPENDED DROP CEILING FRAME

**STEP 1 – Power planning.** Each drum light requires a mains power connection of either 115volt or 220 volts 50-60hz. This can be accomplished by installing standard NEMA power plugs on the DRUM Light power cord. These power connectors are plugged into outlets installed on the ceiling adjacent to the light mount (10 inches or less).

**STEP 2 - Locate the position(s) where the light(s) will be installed on the ceiling and mark the metal frame with a pencil. Then remove the tiles on both sides of the light location.**

**STEP 3 – Inspect the installation of the support wires attached to the framing and if there is a support wire within 6" of the light location mark than the addition of a support wire is not required. If the closest support wire is more than 12" from the light location, than you will need to add a new support wire directly over the light location. Replicate the method of connection of the support wire to the ceiling framing or concrete.**



**STEP 4 – Starting with the X-clamp with the Black mounting stud and lock washer, loosen the black mounting stud to allow the X-clamp to open. Attach the X-Clamp to the frame where you have marked the frame for the light location. If required use a pliers to secure the X clamp. Assure that all 4 wings of the X-Clamp are wrapping around the frame.**

**STEP 5 – Tighten the 5/8" stud with pliers.**

**STEP 6 – (requires the accessory ALZO Baby Pin Socket Hanger (SKU 2025)) Loosen the thumb screw in the baby pin socket installed on the top of the light fixture. Holding the edge of the Drum Light Fixture attach the fixture securely to the mounting pin and tighten the thumb screw. Push up on the base of the Drum Light fixture to assure that nothing is loose**



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## INSTALLATION TO A FLAT 8-10 ft DRYWALL OR EXPOSED BEAM CEILING

The technique of hanging the ALZO DIMMABLE LED DRUM LIGHT from a drywall or exposed beam ceiling depends on the height of the ceiling. A low ceiling (8-10 feet) mount can be implemented with the following:

ALZO Screw Ceiling Mount Plate (SKU 1812)

ALZO Baby Pin Socket Hanger (SKU 2025)



## INSTALLATION TO A LOW SLOPED DRYWALL OR EXPOSED BEAM CEILING

If the ceiling is sloped then 2 accessories are required

ALZO Screw Ceiling Mount Plate with 5/8 Stud (SKU 1812)

ALZO Metal Tilt Light Mount (SKU 1937)

## INSTALLATION FROM A HIGH CEILING

A ceiling height that is greater than 9 or 10 feet requires a steel suspension wire with a quick connect like a stainless-Steel Spring Snap Hook or a Carabiner. We recommend using minimum 1/16" (2mm) (or thicker) steel wire with wire loop clamps on both ends.

The connection of the wire to the true ceiling must be very secure and there are many options including screw eyes and wall mount hooks



COLLECTION OF COMPONENTS RECOMMENDED  
TO ASSEMBLE AND MOUNT STEEL SUSPENSION WIRE

After you install the hanging hardware and test it with the LED fixture you will then remove the fixture and open the DRUM diffuser and open the 180 degree zipper on the diffuser. You then grab the fixture along the edge and lace the cords through the hole in the top of the diffuser. The final step requires climbing a ladder holding the light fixture with the diffuser and swinging it into position and then securing it on the ceiling mount. There are falling risks while performing this operation on a ladder as you will need both hands holding and securing the fixture and therefore you will not have a hand on the ladder. It is safer to employ 2 persons on 2 ladders where one person lifts and positions the fixture while the second person secures the fixture on the hanging hardware.

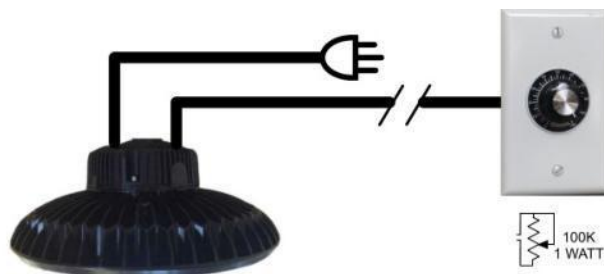
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## WIRING OPTIONS

The ALZO DIMMABLE LED DRUM LIGHT requires a “hard Wired” installation with either remote dimmer potentiometers or the ALZO DMX 4 channel decoder accessory. Each DRUM Light includes an AC power cord and a 2 wire 0-10 Volt dimmer cord.

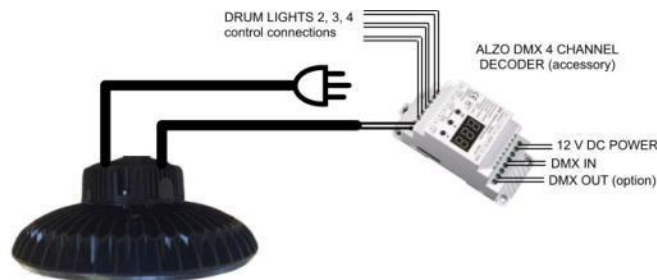
### HARD WIRED POT DIMMING

The ALZO DIMMABLE LED DRUM LIGHT can be controlled by a 100K ohm 1 watt potentiometer. This potentiometer can be installed in a standard electrical wall mount “box”. A typical installation would require a drilled flat cover plate to support the pot as shown. The recommended connecting cord is 22 gauge 2 wire and the maximum recommended distance is 100 feet.



### HARD WIRED DMX DIMMING

For studio DMX dimming the accessory ALZO 4 CHANNEL DMX DECODER is required. This device is hard wired to the LED light 0-10 volt control wires, requires 12 volt DC power (low current AC adapter is typical) and is hard wired to the DMX control device. The ALZO 4 CHANNEL DMX DECODER can be attached to up to 4 ALZO DIMMABLE DRUM lights. It is addressable up to 508 and each channel 0,1,2,3 address is based on the set address plus 0, 1, 2 and 3. The 12 volt DC power source is typically a small wall mount AC adapter with 100-500ma capacity.



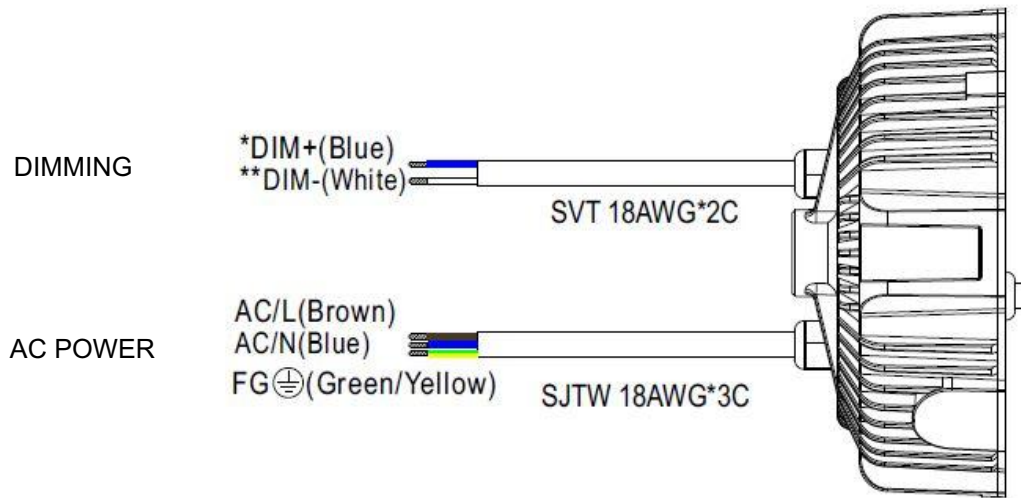
### ALZO 4 CHANNEL DL DMX DECODER CONNECTIONS



BLUE wires are signal  
WHT (white wires) are ground  
and are gang connected to the  
2 GND connections

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BALLAST WIRING (NOTE: \*DIM = 0-10V (+) \*\*DIM = 0 -10V (-))



## SKU 2018 SPECIFICATIONS:

Construction: Fanless Die Cast frame IP65 rated  
with 3/8" x 16 thread mount hole top center  
340mm outer diameter

Power Cord: USA type B, 2m long with NEMA 5-15 USA plug

0-10 volt control cord: 2 m long with Jacket

SMD LEDs (no lens) on AL heat sink PCB

Ballast: Attached Meanwell round ballast - 0-10 volt dimmable

Power Consumption: 200 watts

Voltage: AC100-277V

Lumens Output: > 26000lm

Color Temperature: 5500K - 5600K

CRI: > 93

Beam Angle: 120 degrees

Certification: CE, RoHS, EMC (optional: UL, LVD, SAA)