

# CRYSTAL PUCK

## VALUE LED LINE



### Application

The Crystal Puck Light is designed to provide cabinet or task lighting for a wide variety of installation and design possibilities. Designed for surface mount to eliminate the need for a false bottom, the puck light provides versatile mounting for interior or under cabinet lighting as well as limitless other uses where bright, dimmable light is desired.

### Configuration

The Crystal Puck is constructed with an aluminum die cast bezel in four color options: silver, white, black or bronze powder coated metal. Installation is simplified with a single screw mount back plate, integral terminals to wire, and a one piece bezel. Pucks can be mounted in "daisy-chain" continuous run or "home-run" multiple branch to suit your design. With low wattage requirements, up to 20 puck lights may be installed on one continuous run.

### Electrical/Connectors

Crystal Puck Light fixtures are 15v DC regulated, designed with integral connectors for the cleanest, easiest installation on the market.

### LEDs

Fixtures are designed with TLD's select light engine, engineered for efficient thermal management and maximum longevity. Exclusive use of quality LEDs ensures consistent chromaticity for the highest quality and longest life.

### Light output

Crystal Puck fixtures consume .7 watts of power, and are available in your choice of 3000K warm white or 3500K neutral white, to complement any design look. Light altering color films are available for further fine tuning of light color preference.

### Power Supplies, Dimmers and Accessories

The Crystal Puck Light is fully compatible with TLD's entire line of low voltage 15v DC power supplies, dimmers and accessories.

### Warranty

Fixtures are rated for 50,000 hours at 70% of lamp lumen output and backed by a 3-year limited warranty by TLD, an innovative leader in LED technology.

**The Lighting Division**



*Life In LED Light*

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**Made In USA**  
of U.S. and  
imported parts  
TLD-204-6-17

# Crystal Puck Installation Instructions

When connecting any electrical component please take note of the polarity. Wiring incorrectly may cause component failure.

**Wire Preparation** - Strip 3/16 of insulation from the wire ends for optimal performance. Exposing an excessive amount of wire may cause shorts. Twist stranded wire before inserting into connector terminal.

**Power Supply** - 15v DC regulated low voltage (Constant Voltage)  
**ALWAYS FOLLOW LOCAL ELECTRICAL CODES**

**Hard wire -**

- Connect "AC IN" side of the power supply to an acceptable AC power source.
- Connect the "RED +" wire from the "DC OUT" side of the power supply to the "+" (Marked in RED) terminal of the fixture.
- Connect the "Black -" wire from the "DC OUT" side of the power supply to the "-" (UNMARKED) terminal of the fixture.

**Wall Plug** - Plug a suitable wattage size wall adaptor into an AC powered outlet. Use supplied terminal adaptor with wires to connect to fixture being careful to match up the (+) power path marked in RED.

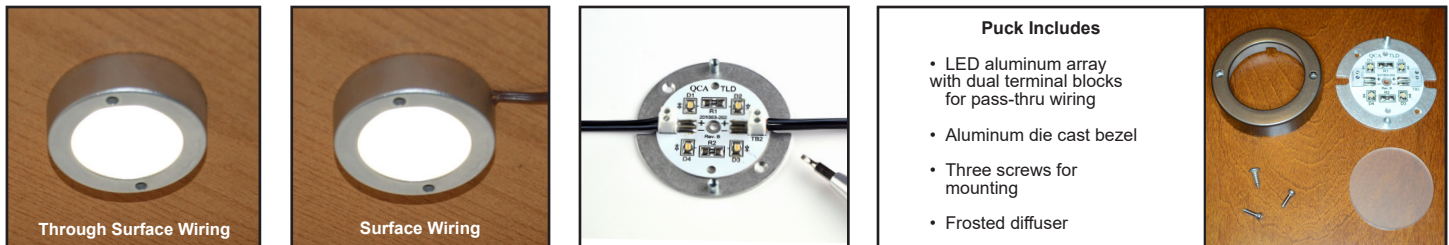
**Fixture Wiring Configurations**

Fixtures utilize 15v DC regulated low voltage power supplies. They can be wired in a Daisy Chain configuration or a Home Run configuration depending on your installation needs.

**Fixture Mounting**

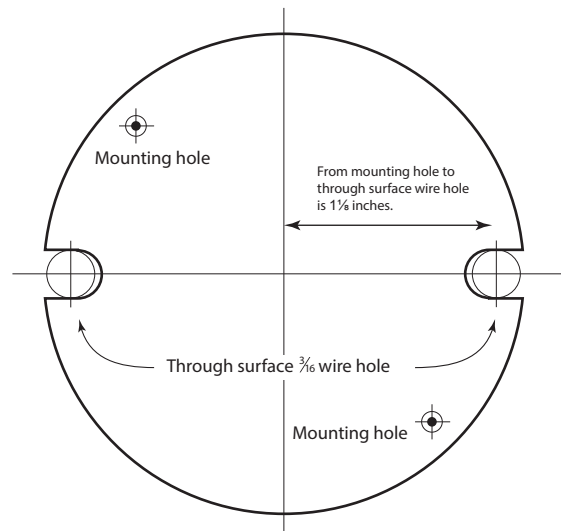
For optimum performance mount the fixture towards the front of the cabinet. Adjust position to suite your installation requirements. Permanently secure with supplied screws. For through surface wiring, offset the drilled wire holes by 1-1/8" from either side of center. Follow drill pattern below.

**NOTE: It's important to maintain power wire/terminal orientation when adding additional fixtures. Not doing so may cause fixture failure.**



<b>Light Output</b>	<b>LP2</b>
Power Consumption	.7 Watts each
Source Lumens per Ft - 3000K	150
Source Lumens per Ft - 3500K	175

**Drill Hole Template**



LP2	Light Color	Finish
30 - 3000K Warm White		SA - Silver Powder Coated
		WH - White Powder Coated
35 - 3500K Neutral White		BK - Black Powder Coated
		BZ - Bronze Powder Coated