Application
The unique design of the Grace Light Fixture offers great flexibility for a wide variety of installation and design possibilities. With two housing options and integrated connectors at each end, no other fixture is as versatile or compact. The Grace Light fixture can be configured in three light level intensities, each with dimming capability. The various configurations allow you to fine tune the lighting for maximum effect or to create warm and subtle accent lighting.

Configuration
The Grace Line is constructed in a clear polycarbonate winged extrusion with an option of side shield for light shielding. Fixtures contain a linear LED channel with a clear cover and two optional diffuser choices, and are offered in a full range of lengths from 6” – 48”.

Electrical/Connectors
Grace fixtures are 15v DC regulated, designed with integral connectors for the cleanest, easiest installation on the market. The recommended wire to use is stranded 20 AWG.

Mounting
Installation allows for a variety of mounting options, in “daisy-chain” continuous run or “home-run” multiple branch configuration. Our easy-mount system employs low-tack double-sided tape on fixture backs for temporary placement while the provided self-tapping screws are used for securing it to the cabinet. For surface mounting only.

LEDs
Fixtures are designed with TLD’s select light engine, engineered for efficient thermal management and maximum longevity. Exclusive use of Nichia premium-binned LEDs ensures consistent chromaticity for the highest quality and longest life. Its CRI rating is 85.

Light output
Grace fixtures are offered in three light intensities, standard brightness (LBQ), high intensity task (LBT) and accent (LBI). Each are available in your choice of 3000K warm white or 3500K neutral white, to complement any design look.

Power Supplies, Dimmers and Accessories
The Grace Line is fully compatible with TLD’s entire line of regulated 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 Lifetime Limited Warranty by TLD, an innovative leader in LED technology.
Installation Instructions

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

Wire Preparation - Using stranded 20AWG wire, strip 3/16 of insulation from the wire ends. Exposing an excessive amount of wire may cause shorts.

Power Supply - 15v DC regulated low 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 adapter into an AC powered outlet. Use supplied DC Jack 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 Wing Configurations
Fixtures wings can be removed for further flexibility of installation requirements. When removing both wings an industrial adhesive is required.

Fixture Mounting
For optimum performance surface mount the fixture towards the front of the cabinet. Adjust position to suite your installation requirements. Use adhesive tape on the fixture to temporarily secure in place. Permanently secure with supplied self-tapping screws through the fixture wing.

WIRING OPTIONS
DAISY CHAIN CONFIGURATION
- Maximum End to End run (daisy chained) LBT - 12ft, LBQ - 20ft, LBI - 30ft

HOME RUN CONFIGURATION

MOUNTING OPTIONS
Standard (Clear)
Offers the widest light pattern for maximum coverage.

Side Shield (Black or White)
Shield only reduces one side of the light pattern.
- Width: 1.162”
- Width with wing removed: .75”
- Height: .5”

ENCLOSURE OPTIONS
Offers the widest light pattern for maximum coverage.

WIRE MANAGEMENT
When wiring for light fixtures use a 3/16 drill bit for wire pathways through cabinets.

3/16