LUXE – Precision & Premium LED Lit Letters/Logos Specifications
Rev. 8/8/19

Part I – General

1.1 Scope
A. Furnish letters-logos, as components, for Lit LUXE LED Lit Letters, shown on drawings and herein specified.

1.2 Submittals
A. Manufacturer’s illustrated product literature and specifications.
B. Installation, wiring and UL instructions

1.3 Quality Assurance
A. Manufacturer to have a minimum of 20 years experience in manufacturing letters.
B. All letters to be manufactured by one manufacturer.

Part II – Products

2.1 Acceptable Manufacturer or Manufacturer’s Representative
A. Gemini Incorporated
   103 Mensing Way
   Cannon Falls, MN 55009
   Phone: 800-538-8377 or 507-263-3957
   Fax: 800-421-1256 or 507-263-4887
   Email: sales@geminisignproducts.com
   Web: www.geminisignproducts.com

2.2 Materials
A. Precision LUXE: Cast Acrylic base with Translucent Acrylic face. Fully recyclable.
B. Premium LUXE: Cast Acrylic base and face – covered with 3M translucent vinyl.
   2. Flame Spread Index: 115 UL723, per ASTM E84.
   4. Thermal Expansion rate: .00025/°C.

2.3 General Construction

Precision White LUXE
A. Precision cut, two part letters and logos Produced to match custom styles per custom vector art.
B. Letter base (face & return) are cut from 1-1/2” thick cast trans white acrylic.
C. Backs cut as separate acrylic pieces – assembled to base with screws (removable to service LEDs) - drilled and tapped for a standard 2” long 10-24 aluminum stud, or longer studs with spacers, per customer requests.
D. Letter sizes from 8”-24”, with 1.25” minimum stroke per art.
E. White LEDs are populated into precision cut base and wired for Class 2 lighting. LEDs can be serviced with removal of backs.
   LEDs light face and returns.
F. Supplied with UL Listed sign section labels, UL approved LEDs, lead cable wires and 12VDC power supplies.

Premium LUXE
A. Premium, two part letters and logos Produced to match custom styles per custom vector art.
B. Letter base (face & return) cut from 1-1/2” thick cast trans white acrylic, returns or returns and backs are painted, face is covered with translucent 3M vinyl.
C. Backs cut as separate acrylic pieces - assembled to base with screws (removable to service LEDs) - drilled and tapped for a standard 2” long 10-24 aluminum stud, or longer studs with spacers, per customer requests.
D. Letter sizes from 8”-24”, with 1.25” minimum stroke per art.
E. LEDs are populated into precision cut base and wired for Class 2 lighting. LEDs can be serviced with removal of backs.
   LEDs light face of letters. Optional LED colors to match face colors.
F. Supplied with UL Listed sign section labels, UL approved LEDs, lead wires and 12VDC power supplies.

2.4 Mounting Hardware
A. LUXE letters are supplied with standard 36” lead cables (longer cable optional), studs for mounting, power supplies, UL wiring instructions.
   All other hardware, wiring, and supplies to be provided by customer or installer.

2.5 Manufacture
A. Letters shall be made of cast acrylic bases, as either Precision White or Premium, with translucent acrylic faces.
B. Letter shall be __________________ letter style and shall be __________ inches high, as indicated on the drawings.
C. Mounting shall be __________________ and a mounting template designating stud locations is/is not required for
mounting on a __________ surface

Part III – Execution

3.1 Installation
A. A qualified installer shall install LUXE Letters and Logos per NEC, UL and local electrical codes and rules.

3.2 Warranty
A. Letters should be guaranteed for the life of the business against defects.
B. LEDs and power supplies carry a 4 year defect warranty.

3.3 Maintenance
A. Cleaning as needed per manufacturer recommendations. LED & wiring repairs/replacements by certified electrician.