



Series:  
**GEO - Geometrix Series**

Fixture Type:  
**Suspended - Pendant or Cable**

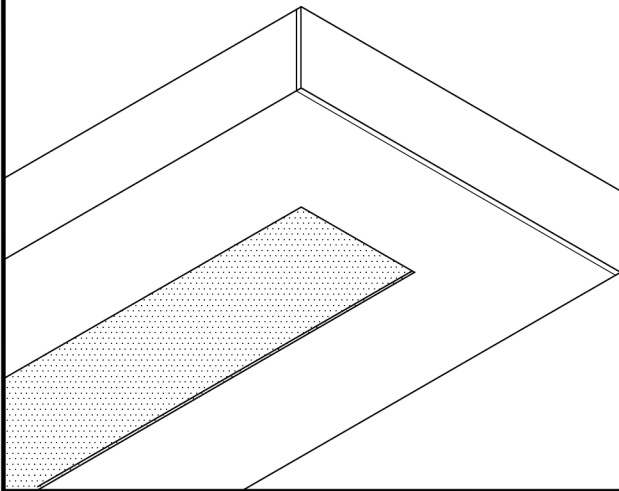
Project Name

Fixture Type

Catalog Number

Quantity

\* Direct / Indirect Profile shown



The Geometrix Series LED direct/indirect architectural fixture family has been developed to dramatically improve energy efficiency and quality of light using Solid State Lighting (SSL) technologies. The Geometrix Series LED fixtures provide an attractive, energy efficient, architectural look which has been specifically designed to replace existing fluorescent lighting or for use in new construction. Comfortable, low glare, uniform lighting is attributed to this style of fixture. Typical applications for this type of product are interior spaces.

#### Applications Include:

- Retail Environments
- Commercial Spaces
- Schools, Colleges and Universities
- Hospitals / Healthcare Facilities
- Government Facilities



\*Note: RENOVA products are constantly being improved; therefore, the information shown is subject to change without notice. Always consult your lighting representative or RENOVA Lighting Systems, Inc. for the latest information

#### Design Features / Specifications

##### CONSTRUCTION:

- Housing to be manufactured from code-gauge, die-formed cold rolled steel.
- All components are mechanically / resistance welded fastened for strength and rigidity.
- Electrical Knock-Outs (EKO's) and joining holes are provided in end headers.

##### REFLECTOR:

- Reflectors are precision roll-formed from code-gauge cold rolled steel or aluminum. Finish to be high-reflectance matte white powder coat baked enamel. (90% T.R.)

##### FINISH:

- All housings and components manufactured from cold rolled steel receive a multi-stage iron phosphate pre-treatment prior to finishing.
- Textured white polyester powder coat baked enamel for extreme durability and architectural aesthetics (Standard).
- Custom colors and finishes are available as an option (including color-matching).

##### LED's / OPTICS:

- High performance LED boards manufactured specifically for interior lighting. LED boards feature the latest mid-power LED's for maximum performance, efficiency and longevity.
- Standard color temperatures offered are 3500K and 4000K. Other optional color temperatures available are 3000K and 5000K. 80 CRI (Min.). RoHS Compliant.
- Always consult RENOVA for the latest developments and improvements concerning LED's and Optics.

##### DRIVERS:

- Electronic, constant current type. Universal voltage (120v-277v) is standard.
- 0-10v Low Voltage, dimmable. 10%-100% (Standard). 0%-100% (Optional).
- Step-Dim and Line Voltage Drivers (Specify Voltage) are optional.
- Suitable for dry and damp locations. UL Recognized Class 2, RoHS Compliant.

##### LENS / DIFFUSER:

- Flat diffuser fabricated from special blend of 100% virgin acrylic & high light transmission / LED diffusing polymer (Standard).
- Lens thickness to be 0.090" (Standard).
- Optional diffuser materials, patterns and profiles are available. Consult factory for availability.

##### MOUNTING:

- Fixtures are designed to be surface mounted, or suspended using pendants or aircraft cables (Sold Separately). Consult factory for all other special mounting conditions.

##### ELECTRICAL:

- Surface / Suspended fixtures are UL/CUL Listed and labeled.
- LM80 performance for 50,000+ hours.
- Bi-Level dimming option allows 50% power reduction for compliance with common energy codes.
- Driver disconnect provided where required to comply with US and Canadian codes.

##### QUALITY CONTROL:

- All fixtures are designed, fabricated, painted, assembled, tested, packaged and shipped from RENOVA's manufacturing facility in Mansfield, MA (USA).

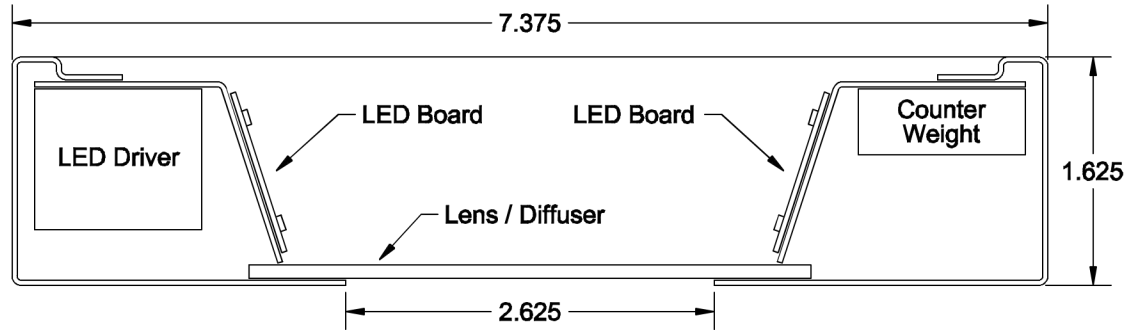
##### WARRANTY:

- 5-Year limited warranty. Please refer to RENOVA's website at [www.renova.com/sales/warranties](http://www.renova.com/sales/warranties) for the latest warranty terms and conditions.

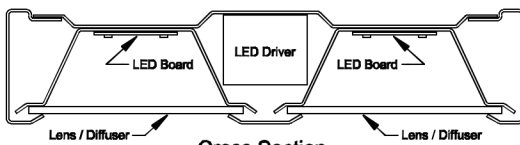


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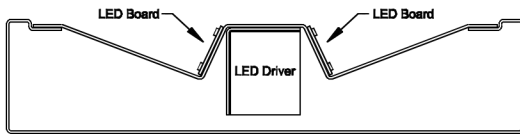
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**Additional Profiles**

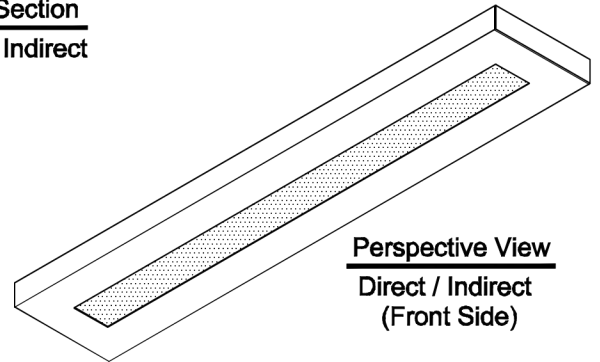


**Cross Section  
Direct Profile**

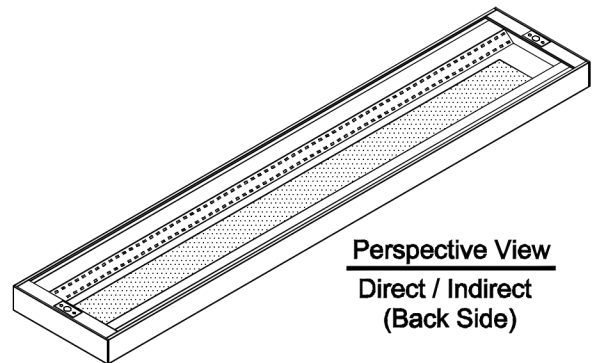


**Cross Section  
Indirect Profile**

**Cross Section  
Direct / Indirect**



**Perspective View  
Direct / Indirect  
(Front Side)**



**Perspective View  
Direct / Indirect  
(Back Side)**

**Ordering Information**

Prefix / Series	Size	Optics (Distribution)	Lumen Output	Driver Voltage	Driver Type	Color Temp.	Lens (Diffuser)	Housing Color / Finish	Row Config.	Options	Options (Cont.)
<b>GEO</b>											
GEO - Geometrix Architectural Series	2 - 24" 3 - 36" 4 - 48" 6 - 72" 8 - 96"	73 - 70% Uplight, 30% Downlight UP - 100% Uplight DN - 100% Downlight C - Custom (Specify)	L015 - 1600 L020 - 2000 L030 - 3000 L040 - 4000 L050 - 5000 L080 - 8000 L100 - 10000 L120 - 12000 LC - Custom (Specify)	UNV - Universal Voltage (120v - 277v) 120 - 120v * 277 - 277v * 347 - 347v * (*) - Indicates Special Order	DM - 0-10v Low Voltage Dimming (10%-100%) (Standard) SD - Step Dimming (50% / 100%) LV - Line Voltage Dimming (Specify Voltage) 120v or 277v	C30 - 3000K * C35 - 3500K C40 - 4000K C50 - 5000K * (*) - Indicates Special Order	AF1 - Acrylic, Frosted Slight Texture Flat Sheet (Standard) AF2 - Acrylic, Frosted Extruded with Linear Ribs & Radius Profile CS - Custom (Specify)	TW - Textured White (Standard) CS - Custom Finish (Specify)	IND - Individual END - End MID - Middle	4Pxx - 1/4" IP Pendant with Standard Canopy (White) ACxx - Adjustable Aircraft Cable with Standard Canopy (White) 1CWxx - Single Circuit Power Cord (White) ( "xx" = Pendant Length / Adj. Cable Length / Power Cord Length in Inches )	QP1 - Quick Plug Wire Harness 12 Ga. 20amp Single Circuit SCA - NYC / SCA Specs EMPK - Emergency Battery Back-Up (*) - Controls (Consult Factory)

\*LED Dimming Drivers have adjustable (programmable) output capability. A wide range of input watts / lumen output can be adjusted up or down on all models to suit a particular application. Always consult factory for the latest information.

\*Photometric data, IES files and all other information is available upon request.

**PRIOR TO REPLACING AN EXISTING FLUORESCENT LIGHTING FIXTURE, PLEASE NOTE THE FOLLOWING:**



Fluorescent lamps contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and / or with the symbol "Hg". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org).

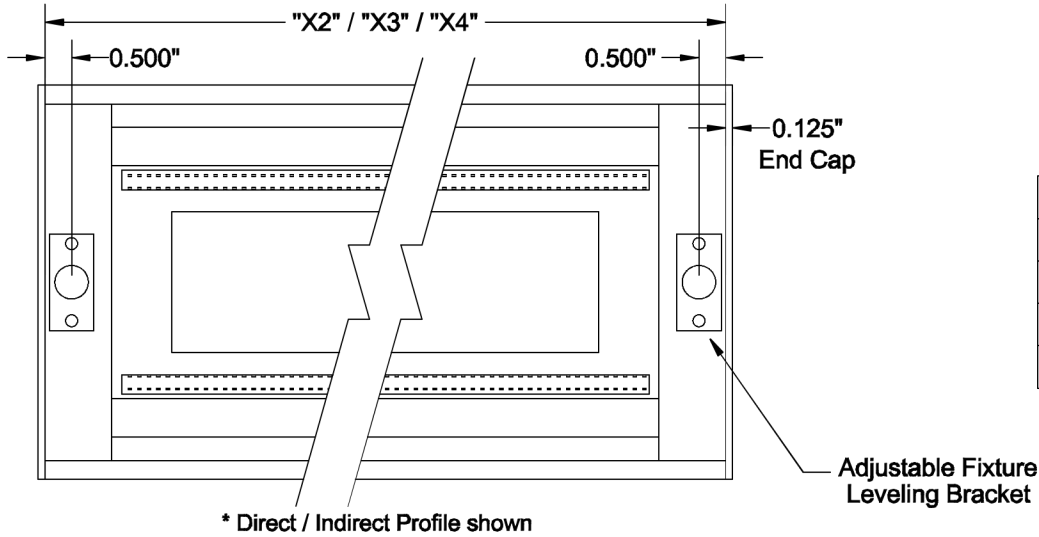




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## Mounting Details



Sym. Length

"X2"	2'-0"
"X3"	3'-0"
"X4"	4'-0"
"X6"	6'-0"
"X8"	8'-0"

