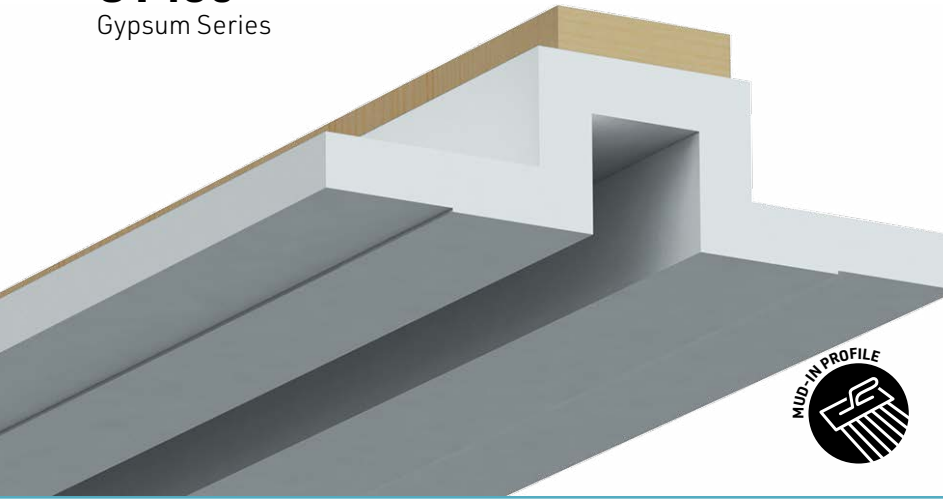
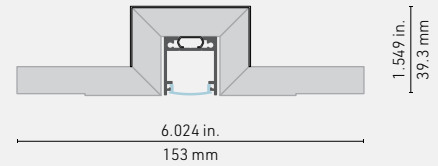


G1450

Gypsum Series



Cross-section dimensions:



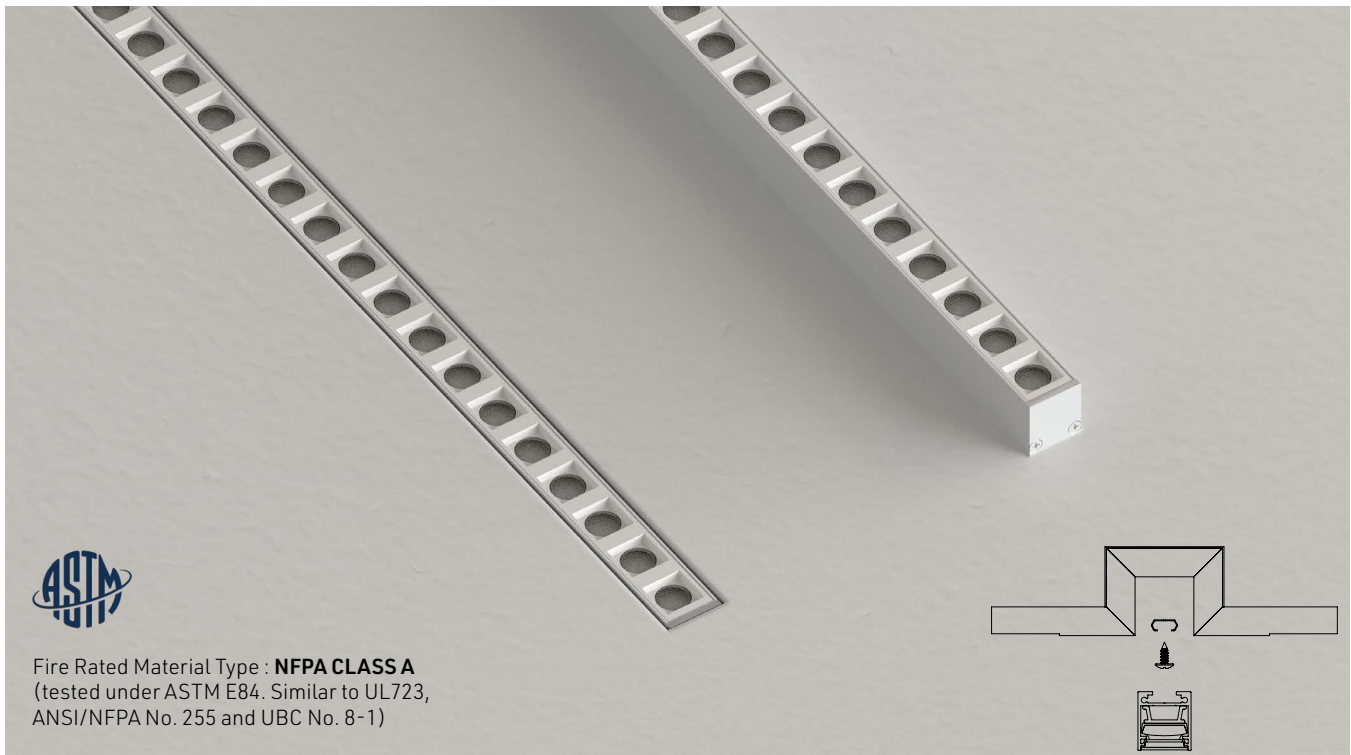
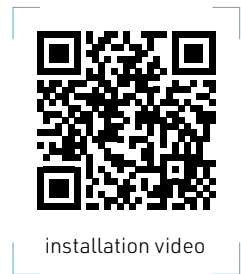
Combining drywall panels with our 1450 series, the **Gypsum Groove** system allows you to create functional and inconspicuous light sources embedded into a drywall surface. Fully integrated architectural lighting system permits to create outstanding illumination while preserving clean minimalist look.

The **Gypsum Groove** meets the industry's most stringent fire protection requirements. Certified Class A by the International Building Code, this system is ideal for commercial and institutional buildings.

FEATURES

- Class A fire protection grade material
- Modl compatible with 1450 series
- Panel thickness 1/2in allows for flush installation with standard 1/2in. gypsum panels, or level with drywall mud to match seamlessly with 5/8in. panels.
- 5/8in thick panels available for special order*.
- Shipped in straight sections of 4 feet (1.22m).
- 8 feet sections available for special order*.

* For special orders pricing and shipping contact your sales representative.



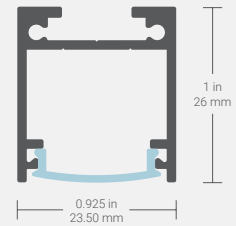
Fire Rated Material Type : **NFPA CLASS A**
(tested under ASTM E84. Similar to UL723,
ANSI/NFPA No. 255 and UBC No. 8-1)

1450 PROFILE

1000 Series



Cross-section dimensions:



This profile is the biggest in size from our 1000 series line of product. It has been specially designed to be used with our new **LuxLine** series of 120V LED engine tape but can also house all the different IP22 and IP68 Lumen Packages we offer.

FEATURES

- NEW slidable lens system
- Designed to give a uniform light without hot spots with a prime lens
- Custom length by sections of 2 to 240 inches (6m)
- Made of ALCOA 6063-T5 aluminum alloy increasing heat dissipation
- Its use increases the lifetime of your LED engine
- Designed to meet North American woodworking standards
- Compatible with both low voltage LED engines and with 120V LuxLine LED engines
- No driver required, when combined with 120V LuxLine LED engine
- Made of ALCOA 6063-T5 aluminum alloy increasing heat dissipation

OPTIONS



LED ENGINE COMPATIBILITY

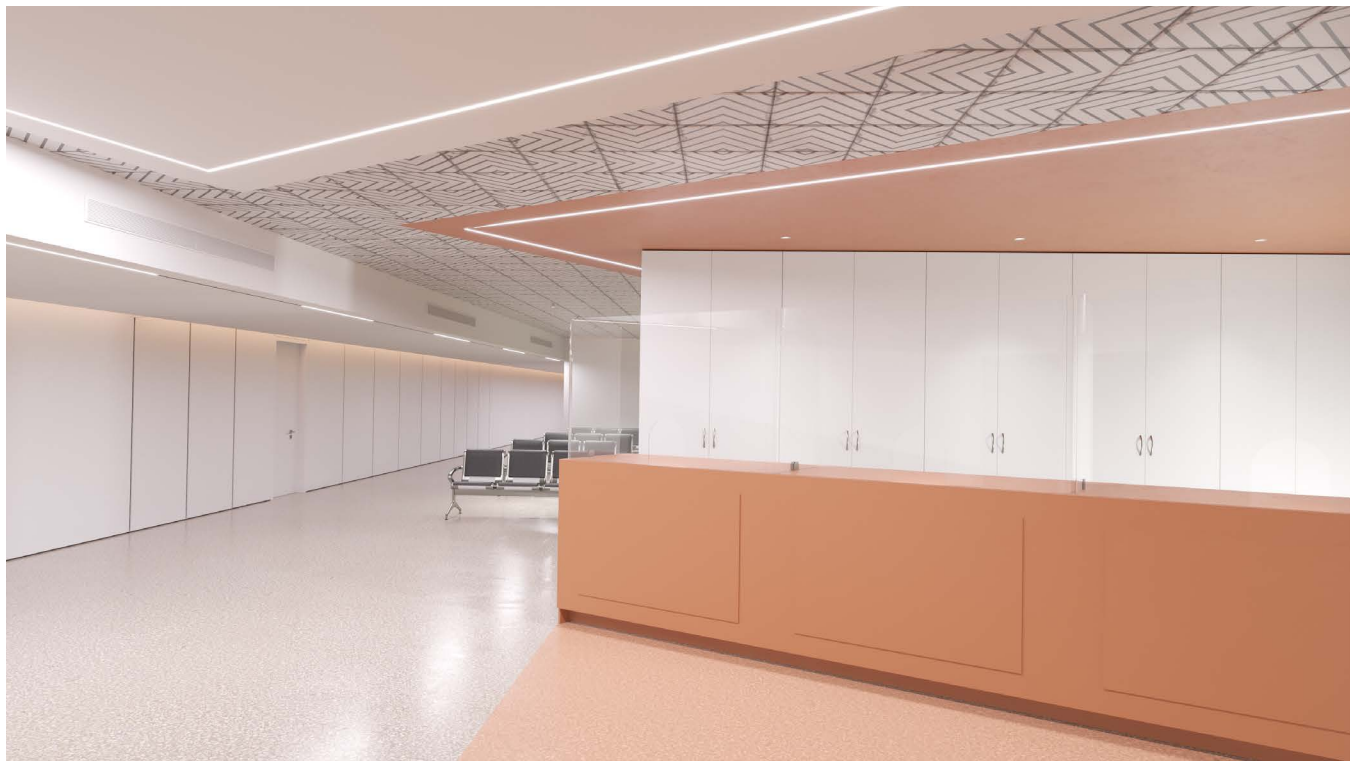
IP22: Compatible with LED engines up to **14mm** wide.

IP68: Compatible with LED engines up to **10mm** wide.

Compatible with our LuxLine series of 120V LED engine.

LINEAR WEIGHT

0.23 lbs/ft, 0.35 kg/m (without lens or insert)



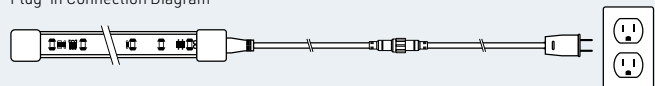


LUXLINE FEATURES

- LumenTruss Driverless technology.
- Direct line voltage.
- Constant current IC providing uniform intensity over the entire run.
- Uses North American power plug with built-in fuse or hardwire.
- Order in lengths of 1 FT.
- 164 FT maximum run.
- Ultra high lumen output.
- Architectural grade.
- PVC coating (not recommended for direct sunlight).
- 3 year warranty.
- Life of 50,000 hours
- LED type: 3056
- WARNING: Do not cut AC plug.

LUXLINE FEATURES

Plug-in Connection Diagram








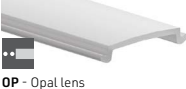


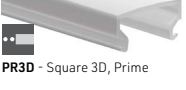


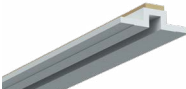


Hardwire Connection Diagram

With the NEW revolutionary hardwire connection with built-in fuse! Exclusive to LumenTruss.



















G1450 + 1450 Profile ordering sheet







Gypsum grooves

PROFILE	LENSES	MOUNTING HARDWARE	GROOVE*	OPTION	LENGTH
 1450 - Series 1400, alu  1451 - Series 1400, black  1452 - Series 1400, white  145X - Series 1400, custom color IMPORTANT: Give RAL color № See Appendix 1 on page 72 RAL NUMBER	 PR - Prime lens  OP - Opal lens  BK - Black lens  FO - Focus lens  PR3D - Square 3D, Prime NO - No lens	 PH - Phantom bracket  NO - No mounting hardware	 Gypsum groove 1/2", 4' G1450 QUANTITY *NOTES - Can be used with PH bracket (phantom) or flat head screw - For custom orders of 5/8" thick or 8' long sections contact your representative - See Appendix 2 on page 73 to see how to calculate ordering length	 HER - High efficiency reflector*  NO - No option *HER is mandatory for 120V LuxLine options	Custom length by sections of 2 to 240 inches (6m).
PROFILE	LENS	MOUNTING HARDWARE	G1450	OPTION	LENGTH

Ordering options for low voltage LED engine.

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN/OUT	USAGE	POWER SUPPLY/CONTROL	*NOTES
 24 - 2400K  27 - 2700K  30 - 3000K  35 - 3500K  42 - 4200K  53 - 5300K (LHP only)  62 - 6200K (LP only)  WD1 - 2200-2700K 14W  WD3 - 2700-3500K 14W  TW1 - Tunable White 11W  TW2 - Tunable White 19W  RGB1 - RGB 14W  RGB2 - RGB 19W  RGBW1 - 3000K  RGBW2 - 3000K 4in1	LP0 - 128 LM / 1.5W FT / 90+CRI LP1 - 160 LM / 1.5W FT / 90+CRI LP2 - 255 LM / 3.0W FT / 90+CRI LP3 - 308 LM / 4.5W FT / 90+CRI LP4 - 400 LM / 5.8W FT / 90+CRI LHP - 700 LM / 7.0W FT / 95+CRI Note: Not applicable for Warmdim (WD), Tunable White (TW) & RGB color temperatures	HW3 - Hardwire 3 FT HW6 - Hardwire 6 FT HW9 - Hardwire 9 FT HWX - Hardwire custom FT DC3 - DC plug 3 FT DC6 - DC plug 6 FT DC9 - DC plug 9 FT DCX - DC plug custom FT NO - No lead	I - IP22 indoor dry location	A - Non-dimming B - ELV dimming 120V AC C - ELV dimming 120/277 VAC** D - 0/10V dimming 120/277 VAC E - Non-dimming DC plug in F - DMX G - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W I - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC J - Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC K - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC NO - No driver	*The light output is provided in lumens per foot, for a CCT of 4200K and a clear lens. Please refer to the optics page for CCT and transluency conversion factors. ** Only available in 96W - 24V Driver 
COLOR TEMPERATURE CCT	LUMEN PACKAGE	LEAD IN LEAD OUT	IP22	POWER SUPPLY/CONTROL	

Ordering options for 120V driverless LuxLine LED engine.

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN/OUT	JUMPER	USAGE	*NOTES
 24 - 2400K  27 - 2700K  30 - 3000K  35 - 3500K  42 - 4000K	LUX - 350 LM / 4.0W FT / 90+CRI	PG - Plug-in 47" HW - Hardwire 118"	JP6 - Jumper 6" JP12 - Jumper 12" NO - No jumper	2 - IP65 indoor	The light output is provided in lumens per foot, for a CCT of 4200K and a clear lens. Please refer to the optics page for CCT and transluency conversion factors. 
COLOR TEMPERATURE CCT	LUX	LEAD IN LEAD OUT	JUMPER QTY	IP65	