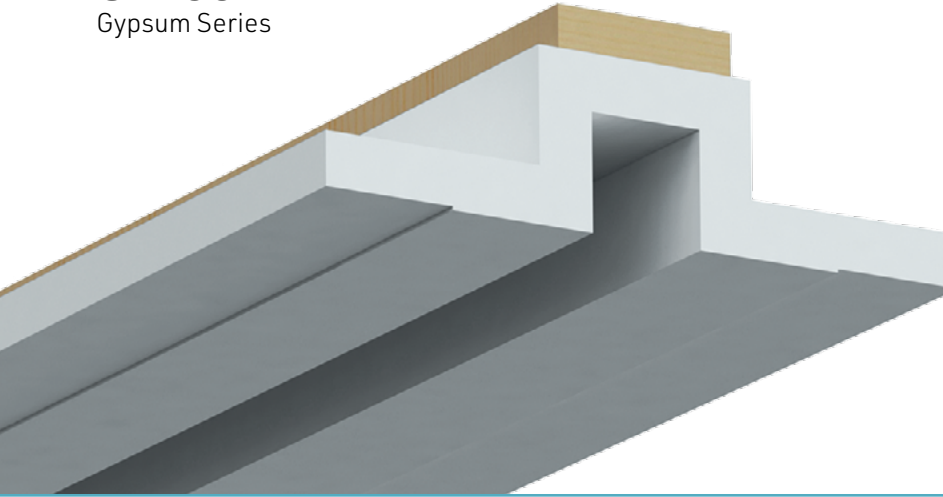
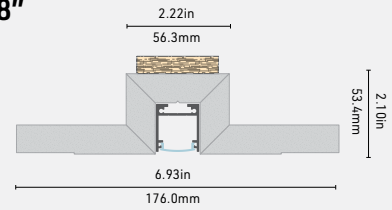


G1450

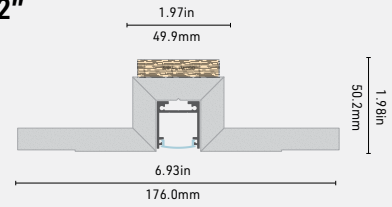
Gypsum Series



5/8"



1/2"



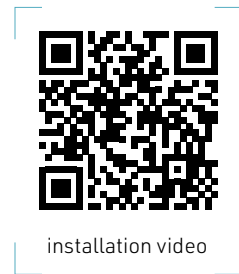
Combining drywall panels with our 1450 series, the **Gypsum Groove** system allows you to create functional and inconspicuous light sources embedded into a drywall surface. Fully integrated architectural lighting system permits to create outstanding illumination while preserving clean minimalist look.

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.

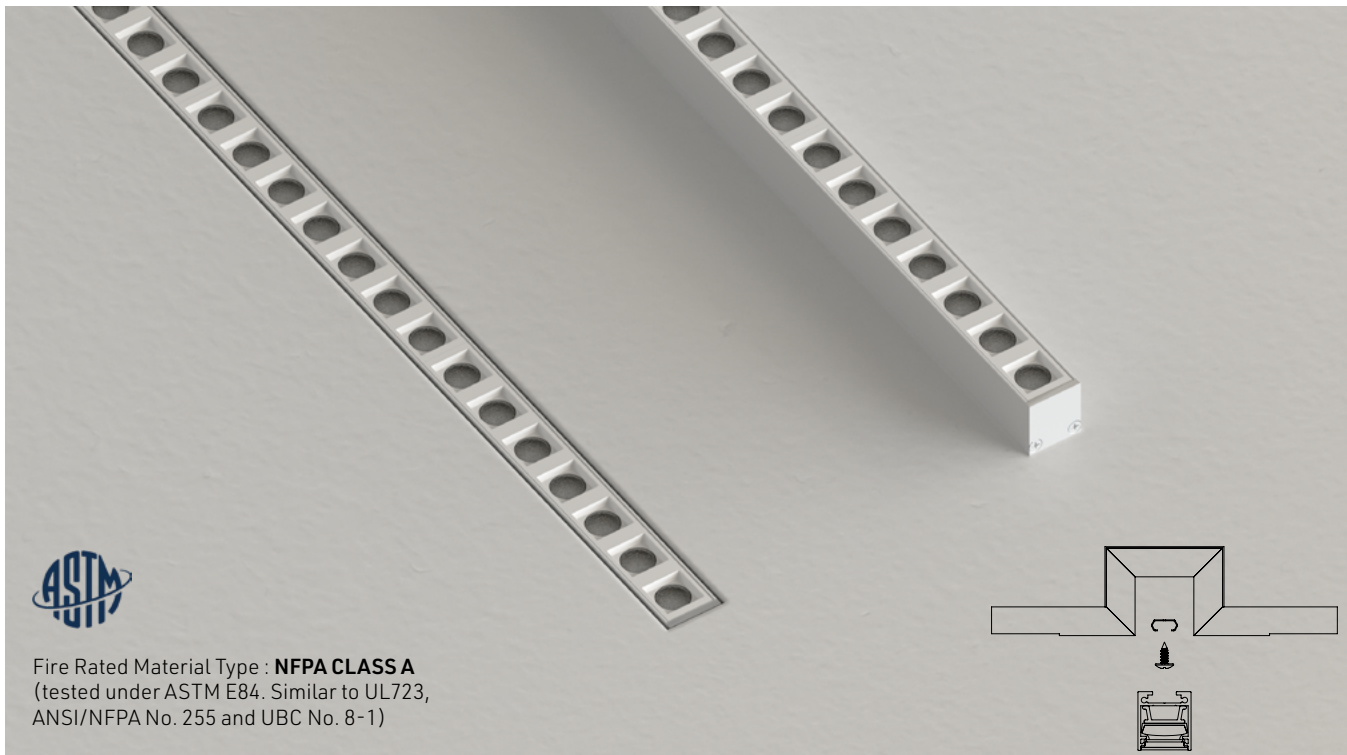
FEATURES

- Class A fire protection grade material
- Model 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.



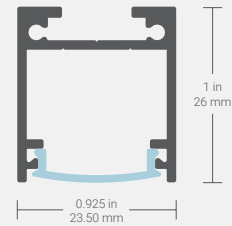
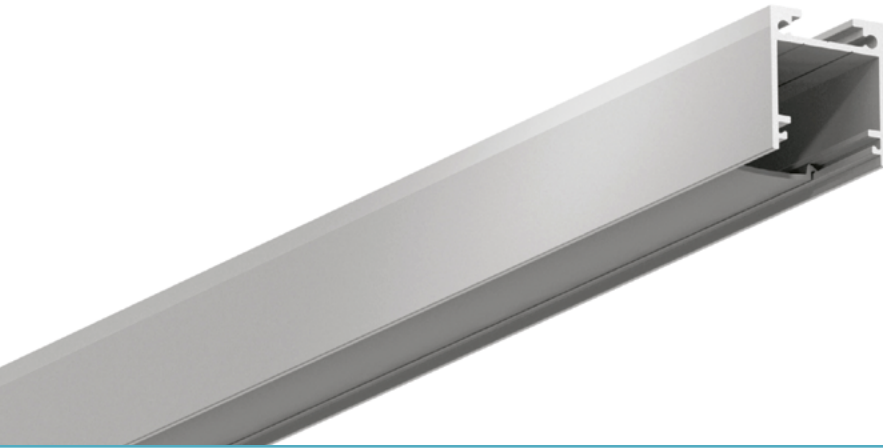
installation video



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



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)



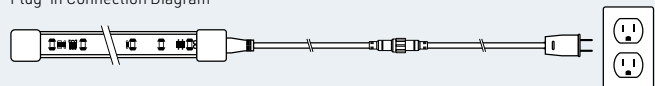


LUXLINE FEATURES

- 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



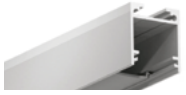
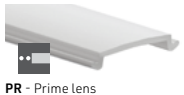

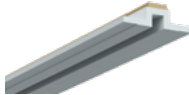


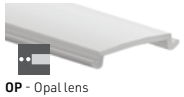

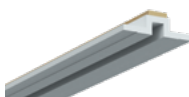


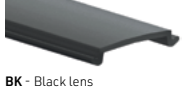
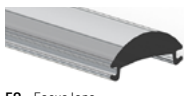
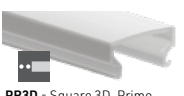

Hardwire Connection Diagram

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*	QUANTITY	OPTION	LENGTH
 <p>1450 - Series 1400, alu</p>	 <p>PR - Prime lens</p>	 <p>PH - Phantom bracket</p>	 <p>G1450-1/2 - Groove 1/2", 4'</p>	<p>Quantity of linear 48" (1.2m) sections</p>	 <p>HER - High efficiency reflector*</p>	<p>Custom profile length by sections of 2" to 240" (6m)</p>
 <p>1451 - Series 1400, black</p>	 <p>OP - Opal lens</p>	 <p>NO - No mounting hardware</p>	 <p>G1450-5/8 - Groove 5/8", 4'</p>		 <p>NO - No option</p>	
 <p>1452 - Series 1400, white</p>	 <p>BK - Black lens</p>		<p>*NOTES</p> <ul style="list-style-type: none"> - Can be used with PH bracket (phantom) or flat head screw - For custom orders of 8' long sections contact your representative 			
	 <p>FO - Focus lens</p>					
	 <p>PR3D - Square 3D, Prime</p>					
	 <p>NO - No lens</p>					
					<p>*HER is mandatory for 120V LuxLine options</p>	
PROFILE	LENS	MOUNTING HARDWARE	GROOVE	QTY	HER	LENGTH

Ordering options for low voltage LED engine.

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN/OUT	USAGE	POWER SUPPLY/CONTROL	*NOTES
<ul style="list-style-type: none"> 24 - 2400K 27 - 2700K 30 - 3000K 35 - 3500K 42 - 4200K 53 - 5300K (LHP only) 62 - 6200K (LP only) 	<ul style="list-style-type: none"> LP0 - 119 LM / 1.5W FT / 90+CRI LP1 - 137 LM / 1.5W FT / 90+CRI LP2 - 234 LM / 3.0W FT / 90+CRI LP3 - 335 LM / 4.4W FT / 90+CRI LP4 - 488 LM / 5.8W FT / 90+CRI LHP - 668 LM / 7.0W FT / 95+CRI 	<ul style="list-style-type: none"> 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 SUS - Coaxial wire 15 FT NO - No lead 	<ul style="list-style-type: none"> I - IP22 indoor dry location 	<ul style="list-style-type: none"> 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 	<p>*The light output is provided in lumens per foot, for a CCT of 4200K without lens. Please refer to the optics page for CCT and translucency conversion factors.</p> <p>** Only available in 96W - 24V Driver.</p>
<ul style="list-style-type: none"> WD1 - 2200-2700K 14W WD3 - 2700-3500K 14W TW1 - Tunable White 11W TW2 - Tunable White 19W RGB1 - RGB 14W RGB2 - RGB 19W RGBW2 - 3000K 4in1 	<p>Lumen Package selection is not available for WD, TW and RGB color options.</p>		<p>For TW or RGB strip options, select either A [Non-dimming] or E [Non-dimming DC plug] in power supply plus the J [Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC] controller.</p>		
COLOR TEMPERATURE CCT	LUMEN PACKAGE	LEAD IN LEAD OUT	USAGE	POWER SUPPLY/CONTROL	

Ordering options for 120V driverless LuxLine LED engine.

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN/OUT	JUMPER	USAGE	*NOTES
<ul style="list-style-type: none"> 24 - 2400K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 	<ul style="list-style-type: none"> LUX - 330 LM / 4.0W FT / 90+CRI 	<ul style="list-style-type: none"> PG - Plug-in 47" HW - Hardwire 118" 	<ul style="list-style-type: none"> JP6 - Jumper 6" JP12 - Jumper 12" NO - No jumper 	<ul style="list-style-type: none"> 2 - IP64 indoor 	<p>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 translucency conversion factors.</p>
COLOR TEMPERATURE CCT	LUMEN PACKAGE	LEAD IN LEAD OUT	JUMPER QTY		