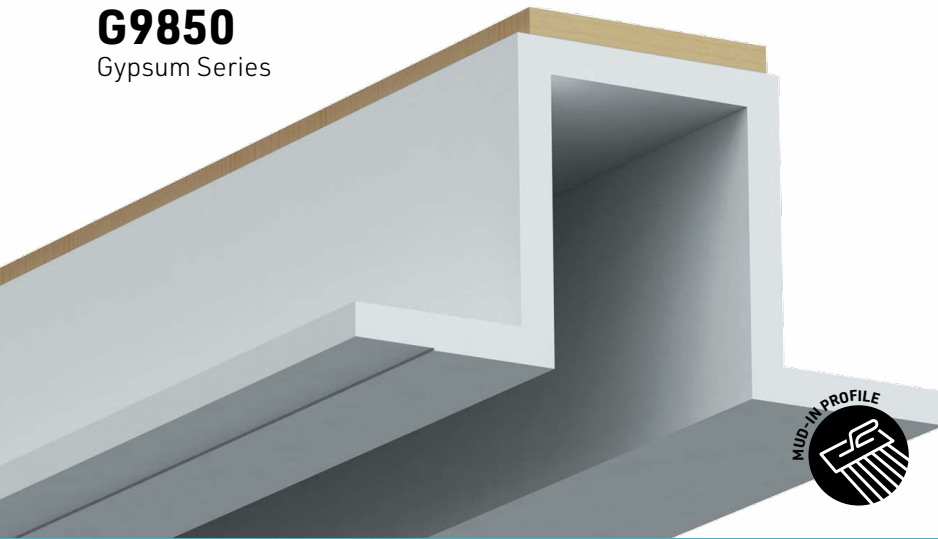
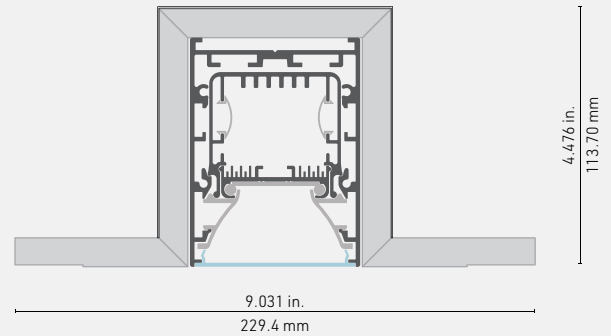


G9850

Gypsum Series



Cross-section dimensions:



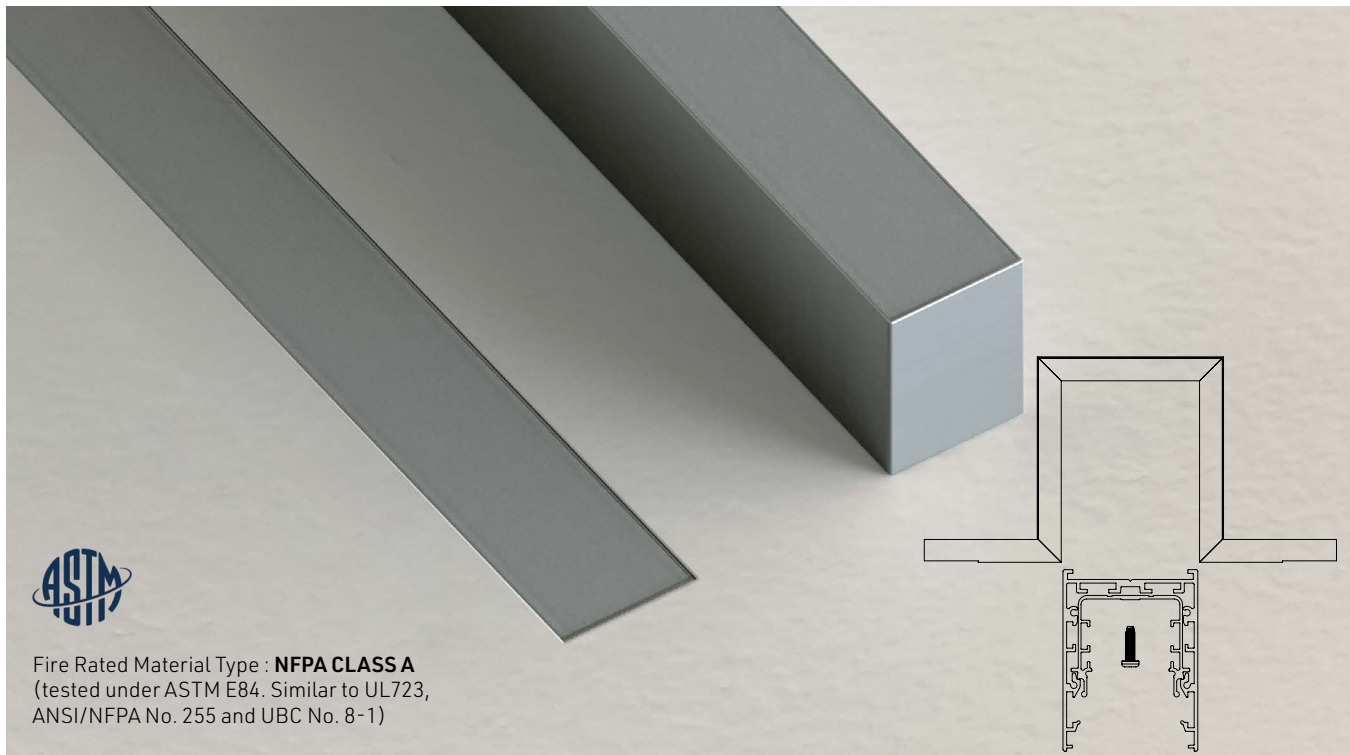
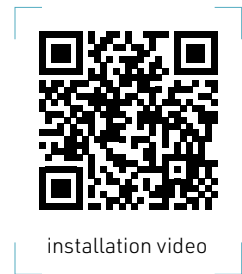
Combining drywall panels with our 9850 series, the **Gypsum Groove** system allows you to create functional and inconspicuous light sources embedded into a drywall surface. Fully integrated architectural lighting system permits to create outstanding illumination while preserving clean minimalist look.

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 9850 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*.

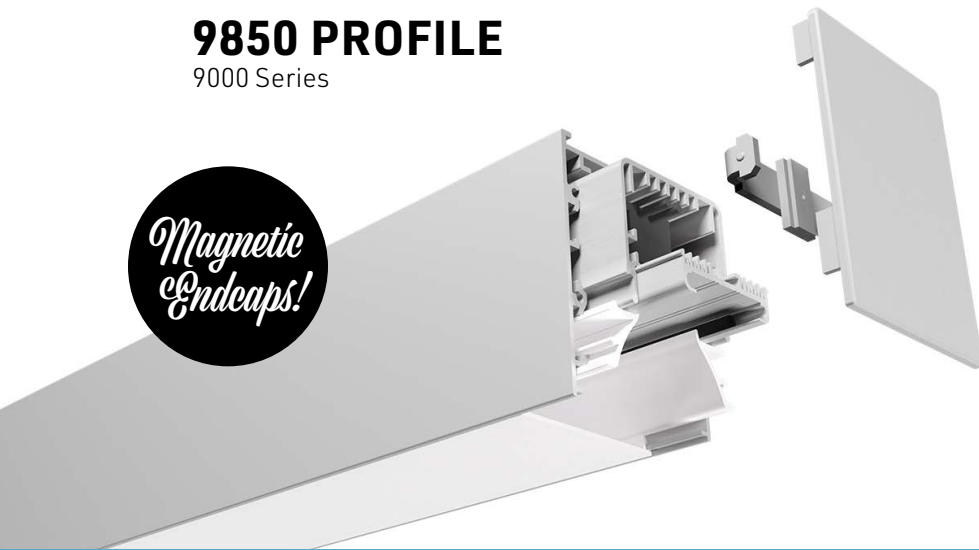
* For special orders pricing and shipping contact your sales representative.



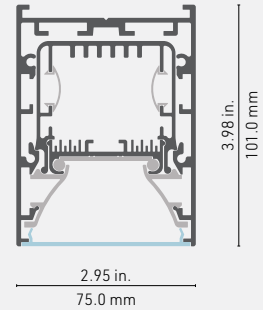
Fire Rated Material Type : **NFPA CLASS A**
(tested under ASTM E84. Similar to UL723,
ANSI/NFPA No. 255 and UBC No. 8-1)

9850 PROFILE

9000 Series



Cross-section dimensions:



The 9850 Profile is a 9000 series linear luminaire system. With its minimalistic style, it is robust and powerful. Multiple standard LED light engines can be installed **up to 36 mm** wide for maximum power. It is equipped with an Optiflex (frosted) lens that scatters light evenly, dot-free, in a 120-degree beam. Easy installation for a finish without visible screws: an exclusive feature of LumenTruss™!

FEATURES

- Dimensions: 3" wide and 4" high
- Customized length in sections from 2 to 240 in. (20 feet, 6 m) or with connectors for longer lengths or corner connections
- Wide choice of color temperatures and standard LED engines
- Made of ALCOA 6063-T5 aluminum alloy for superior heat dissipation and increased LED light source life
- Finish without visible screws with strong magnetic endcaps

OPTIONS



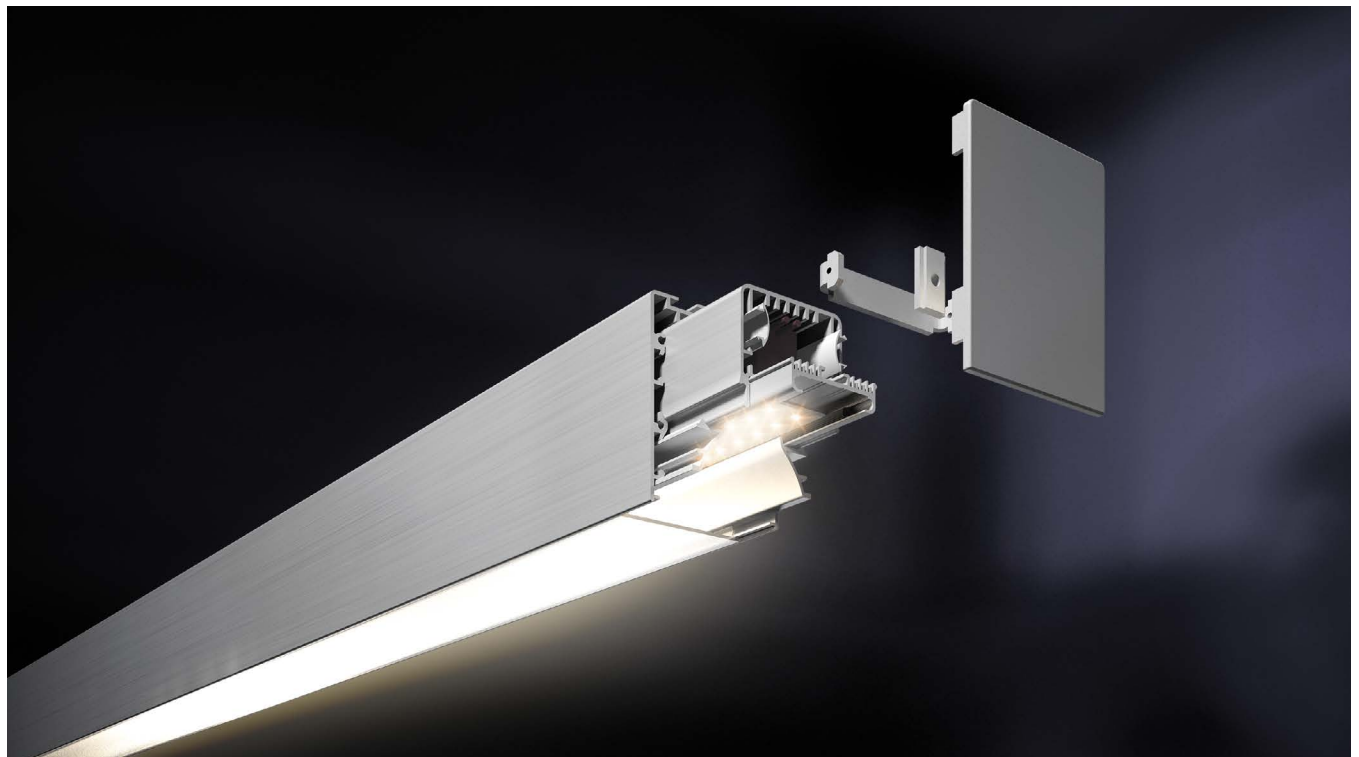
LED ENGINE COMPATIBILITY

Multiple standard LED engines can be installed up to a total width of **36mm**.

LINEAR WEIGHT

2.863 lbs/ft, 4.261 kg/m



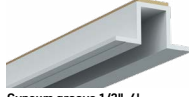
Figures provided for the aluminum profiles only – outer and inner enclosures, heatsink. The complete assembly, with LED light sources, reflectors, power supplies, endcaps, mounting hardware etc. will be greater, and will vary depending on product configuration.




















G9850 + 9850 Profile ordering sheet

Gypsum grooves

PROFILE ASSEMBLY	MOUNTING HARDWARE	GROOVE*	LENGTH
 <p>9850 - Profile assembly, Alu</p>	 <p>NO - No mounting hardware</p>	 <p>Gypsum groove 1/2", 4' G9850</p>	<p>Custom length by sections of 2 to 240 inches.</p>
QUANTITY			
*NOTES			
<p>- For custom orders of 5/8" thick or 8' long sections contact your representative</p> <p>- See Appendix 2 on page 73 to see how to calculate ordering length</p>			
9850	NO	G9850	
PROFILE ASSEMBLY	MOUNTING HARDWARE	GROOVE	LENGTH

COLOR TEMPERATURE	LUMEN PACKAGE*	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)  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 	<ul style="list-style-type: none"> 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 <p>Note: Not applicable for Warmdim (WD), Tunable White (TW) & RGB color temperatures</p>	<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 and a clear lens. Please refer to the optics page for CCT and translucency conversion factors.</p> <p>** Only available in 96W - 24V Driver</p> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 10px auto;"> <p>TITLE</p> <p style="font-size: 24px; font-weight: bold;">24</p> <p>COMP. LOGO</p> </div>
IP22				
1 STRIP 2 STRIPS 3 STRIPS		1 STRIP 2 STRIPS 3 STRIPS	USAGE	POWER SUPPLY/CONTROL