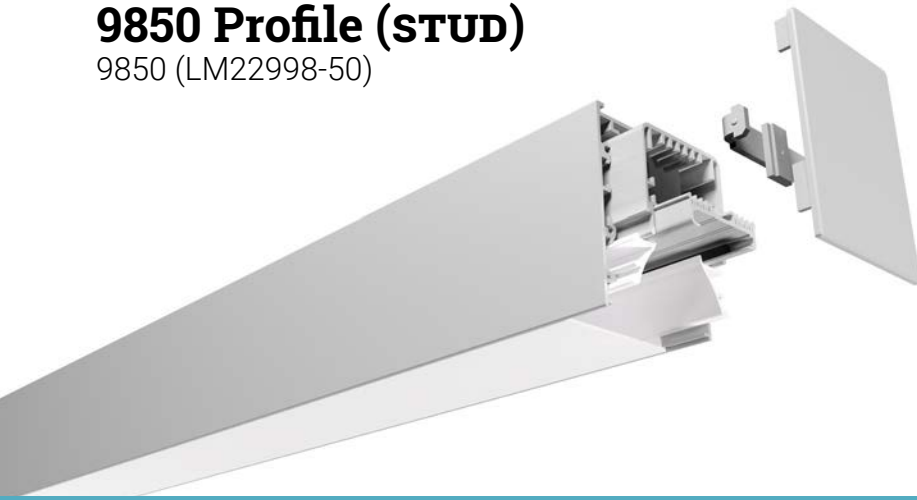


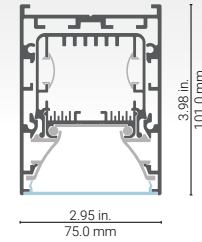
9850 Profile (STUD)

9850 (LM22998-50)



9000 Series

Cross-section dimensions:



The **STUD** is a robust, powerful, and minimalistic suspended linear luminaire system. The 9850 version provides **down lighting**. It features a proprietary **high-power LED source with reflectors** so you can enjoy every single emitted lumen. Its frosted flat lens will diffuse light evenly, corner to corner, without dots, in a 180-degree beam. The **internal power supplies** are enclosed in an inner housing for extra protection. A secure **toolless assembly** eliminates all hardware clutter, for a clean style.

Features

- 3 inches wide by 4 inches high.
- Custom length by sections of 12 to 96 inches (8 feet, 2.4m). Using connectors allows for longer lengths or assemblies with corners.
- Made of ALCOA 6063-T5 aluminum alloy for superior heat dissipation and LED longevity.
- Anodized aluminum, black, or custom finishing.
- The Optiflex (frosted) lens, combined with the distance from the LED source to the lens, allows for a dot-free light appearance.
- Toolless enclosure assembly using rubber splines and strong magnetic endcaps.
- Power supplies and connections are enclosed in an inner profile with wire covers.
- Powerful lighting, convenient for work and commercial spaces.

Options



LED strip compatibility

The 9850/9855 system (STUD) is designed for use with proprietary rigid 1.5in wide LED PCBs which are 12in (30cm) or 24in (60cm) long. Multiple standard LED strips can be installed instead of the high-power rigid PCBs, 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.



















9850 Profile (STUD)

Components and accessories

9000 Series

PROFILE ASSEMBLY	BRACKETS	ACCESSORIES	LENGTH
 <p>STUD Down Assembly Alu 9850 (LM22998-50)</p>  <p>STUD Down Assembly Black 9851 (LM22998-51)</p>	 <p>STUD suspension kit with 15ft. aircraft cable 1376 (LM22320-76) STAINLESS 1377 (LM22320-77) BLACK</p>	 <p>Type C straight joiner 1324 (LM22335-02)</p>  <p>Type C horz. 45°/135° joiner 1329 (LM22335-08)</p>  <p>Type C horz. 90° joiner 1337 (LM22335-04)</p>  <p>Type C vert. 90° joiner 1338 (LM22335-09)</p>  <p>Type C vert. 45°/135° joiner 1342 (LM22335-10)</p>  <p>1.5\" data-bbox="395 385 525 410"/> <p>1.5\" data-bbox="395 420 505 455"/> <p>5\" data-bbox="395 460 515 495"/> <p>7950 10\" data-bbox="535 355 655 430"/> <p>7950 10\" data-bbox="535 435 655 480"/> </p></p></p></p></p>	<p>Custom length by sections of 12 to 96 inches (2.4m), in increments of 12 inches (30cm).</p>
PROFILE ASSEMBLY	BRACKETS	ACCESSORIES	LENGTH

Lumen package

DOWN LUMEN PACKAGE *	COLOR TEMPERATURE	USAGE	POWER SUPPLY TYPE	NOTES	
 255 lm/ft, flex. 5/16" wide 12/24V Constant Voltage LP3528120	 Candle White 2400K	 Indoor, dry (IP22) IP22	 Non-dimmable NO	<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 transluency conversion factors.</p> <p>** Only available in CCTs of 3000K and 4200K, IP22, and lengths of 1/2/3/4/5/6/8 feet.</p> <p>*** Only available in CCTs of 3000K, 3500K, and 4200K, IP22, and lengths of 1/2/3/4/5/6/8 feet.</p>	
 308 lm/ft, flex. 5/16" wide 24V Constant Voltage LP3528180	 Soft White 2700K	<div style="border: 1px solid black; padding: 5px; text-align: center; width: fit-content; margin: 0 auto;">IP22</div>	 ELV dimming ELV		
 462 lm/ft, flex. 9/16" wide 24V Constant Voltage LP3528240	 Warm White 3000K		 0-10V dimming 0-10V		
 650 lm/ft, rigid 1/2" wide, 350/700mA Constant Current LP573052**	 Bright White 3500K		<p>DOWN LUMEN PACKAGE</p>		<p>POWER SUPPLY TYPE</p>
 700 lm/ft, rigid 1-1/2" wide LPS700***	 Neutral White 4200K				
 1050 lm/ft, rigid 1-1/2" wide LPS1050***	<p>COLOR TEMPERATURE (CCT)</p>				
 1450 lm/ft, rigid 1-1/2" wide, LPS1450***					

Notes

