

Description

The AuraCastLED™ Slim fixture, proudly Assembled in the USA by SIRS-E®, brings precision-engineered performance to tight-profile architectural lighting. Its ultra-slim rectangular housing and single-side opal diffuser lens deliver a precise 57° beam angle—ideal for accenting walls, display cases, and task areas—while maintaining clean, shadow-free light. Constructed from rugged aluminum for optimal heat dissipation and longevity, Slim includes low-profile mounting clips and high-amperage connectors that streamline installation and support continuous runs with no visible gaps. Operating on a 24V constant-voltage system, it integrates seamlessly with most power supplies and dimming controls. Available in 1 m and 2 m lengths (custom sizes available), AuraCastLED™ Slim provides a discreet, high-precision lighting solution for residential, retail, and commercial environments where space is at a premium.



Product Specifications

Input Voltage	24V DC	Length	3.28 ft or 6.56 ft / 1 or 2 m ²
Limiting Control Method	CV - Constant Voltage	Maximum Recommended Length	32.8 ft / 10 m
Power Consumption	6 W/ft 19.68 W/m	Luminous Flux Maintenance	75,000 hrs
Beam Angle	57.5°	Dimming	DMX PWM, RF PWM, 0-10V, Triac, MLV, ELV
Operation Temperature	-20°F to 120°F	Environmental	IP 40 (Indoor - Dry) / IP 67 (Dust - Water Resistant)
Mounting Method	Clips	Connection Type	Hardwire
Color Rendering Index (CRI)	±95	Pre-Soldered Lead Wire	With Connector 1 ft.
Lumen Output	~251-335 Lm per ft. (~825-1101 per meter) ¹	Country of Origin	USA Global Components
Diffuser	Opal lens, other options available	Warranty	3 Year Limited, 1 Year Outdoor
		Certifications	cUL ^{us} UL E479339

1 - Varies depending on the kelvin temperature.
2 - Custom length available.

***BAA/BABA Compliance:** Made in the USA through domestic assembly using globally sourced PCB boards, LED chips, and aluminum channels. Final qualification for BAA/BABA is subject to an approved nonavailability exemption for these imported components (*as of March 2025, no domestically produced equivalents are available*).

Ordering Guide

Series	Model	Voltage	Control	CCT	IP	Run Length ³
AuraCastLED	SL	24	CV	XX	40	XX
				27		03
				30		06
				40		
				50		
				65		

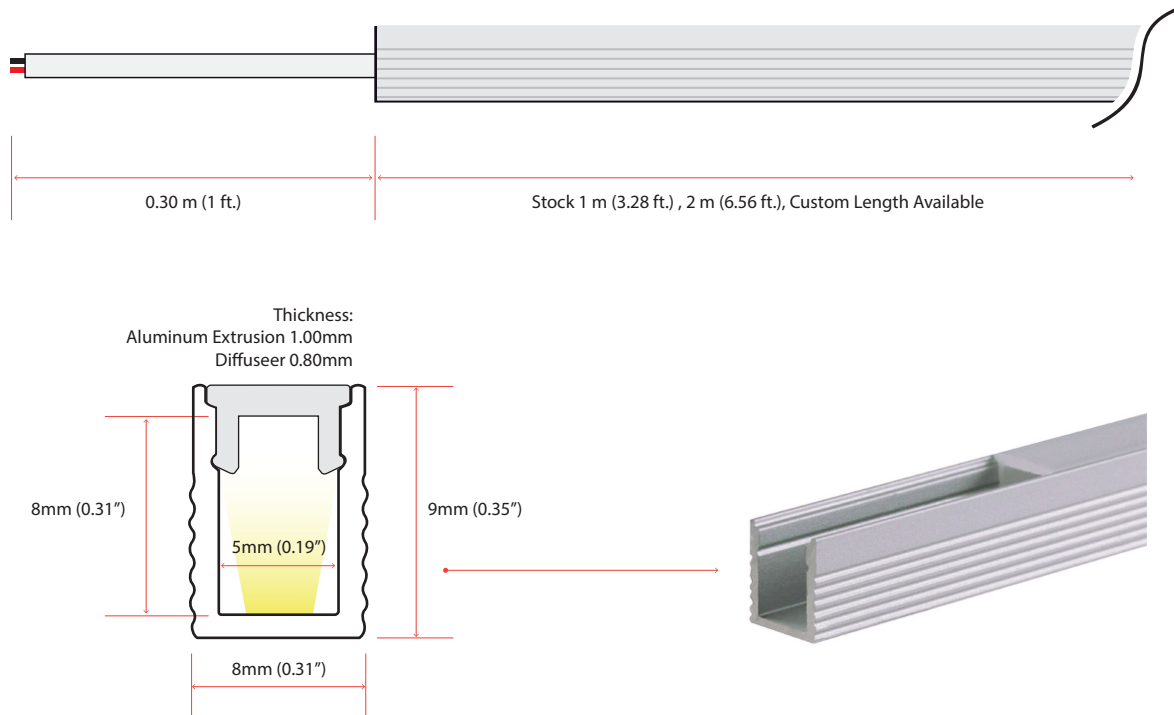
Product Country of Origin

Product Engineering & Design	USA
Assembled	USA
Quality Control	USA
Product Customization	USA
Technical Support	USA

*Designed and manufactured in the USA using global LED chips, aluminum channels, and PCB boards.

³The length measured in feet.

Mechanical Dimensions



About Us



SIRS-E® { semiconductor • illumination • research • solutions }

In 2004, SIRS-E® began researching the use of high-powered LED components for direct lighting fixtures and LED strips.

In 2005, SIRS-E® developed the RGB HPL01 – a 12-watt lighting fixture with an efficiency of 60 lumens per watt, controlled via DMX and using LumiLEDs, one of the first high-powered LEDs later acquired by Philips. Early research efforts included the development and testing of various LED strips designed for direct RGB lighting and effects applications. This marked the beginning of what we now know as SIRS Electronics.