

Description




The AuraCastLED™ Dual Edge fixture, proudly Assembled in the USA by SIRS-E®, is part of our precision-engineered architectural lighting series designed for clean, professional-grade installations. Its long, slim rectangular profile features opal diffuser lenses on both sides, delivering a 160° beam angle—wider than the 120° of typical LED strips—for balanced illumination in cove, valance, shelf, and accent lighting applications. The rugged aluminum housing ensures thermal stability and long-term performance, while included spring-steel mounting clips and high-amperage connectors simplify installation and allow seamless end-to-end runs with no visible breaks. Dual Edge operates on a 24V constant-voltage system and integrates with a broad range of power supplies, dimming controls, and power architectures. Available in standard 1 m and 2 m lengths (custom sizes available), AuraCastLED™ Dual Edge offers versatile, modern lighting solutions for residential, retail, and commercial spaces seeking uniform coverage.



Product Page

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	5.9 W/ft 19.3 W/m	Luminous Flux Maintenance	75,000 hrs
Beam Angle	160°	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	~462 per ft. (~1516+ per meter) ¹	Country of Origin	USA Global Components
Diffuser	Opal lens, Other options available	Warranty	3 Year Limited, 1 Year Outdoor
		Certifications	 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	DE	24	CV	XX	40	XX
				27		03
				30		06
				40		
				50		
				65		

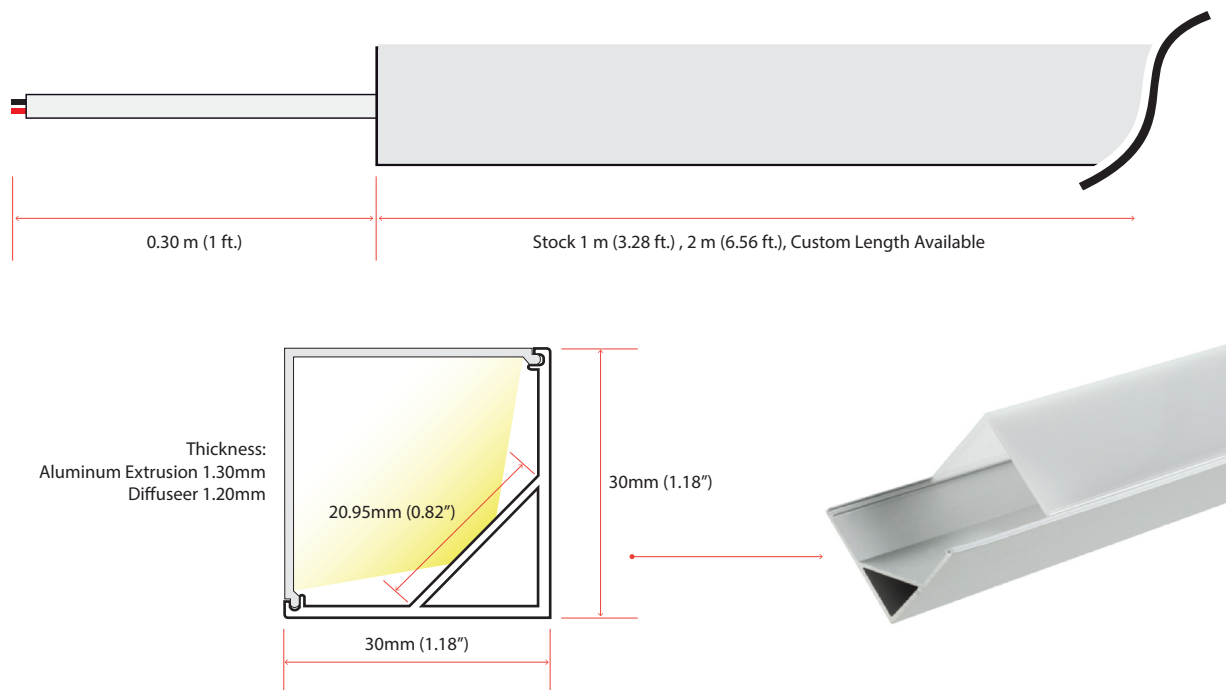
Product Country of Origin

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.

³ The 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.