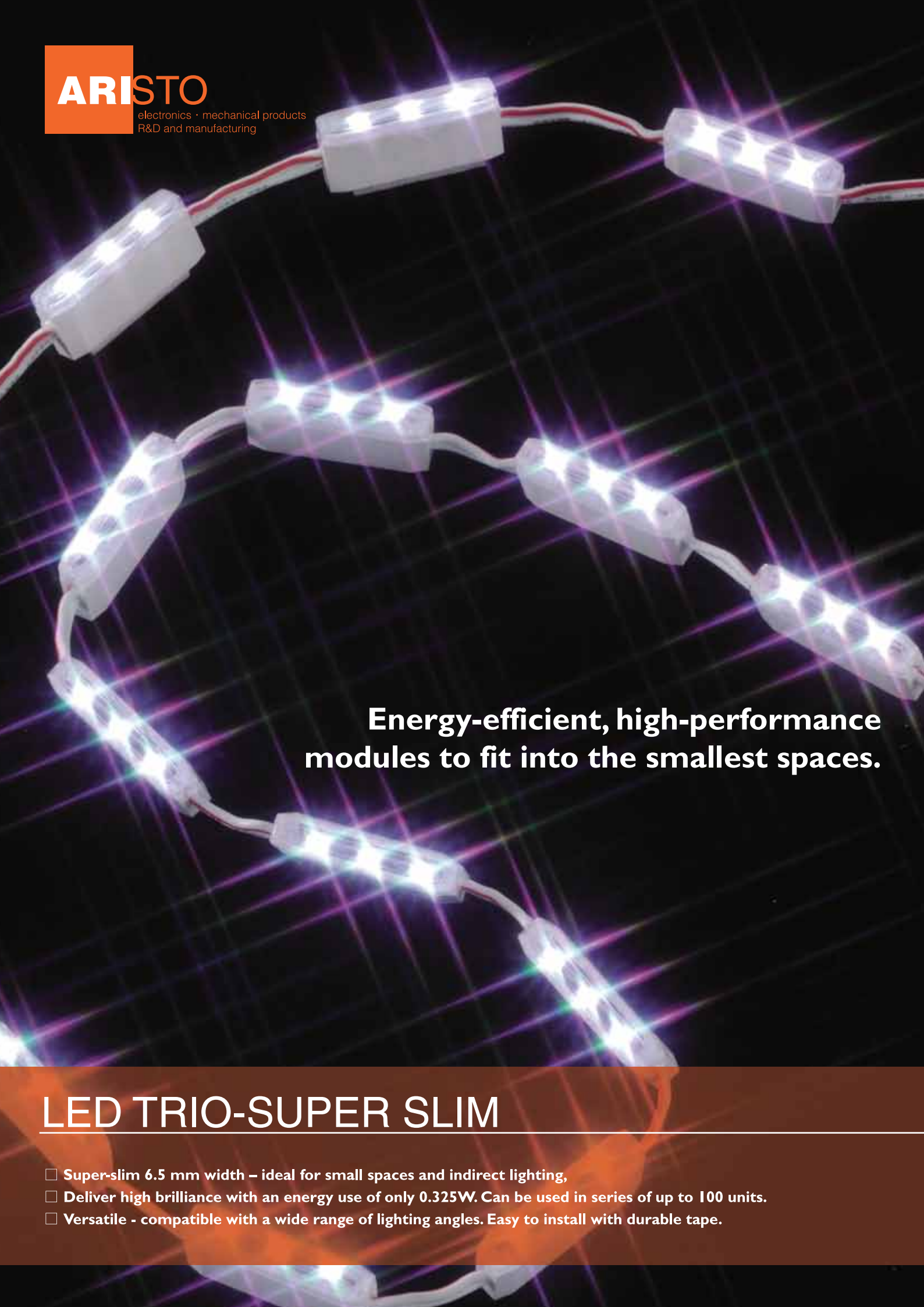


The logo for ARISTO, featuring the word "ARISTO" in a bold, white, sans-serif font on an orange rectangular background.

electronics · mechanical products  
R&D and manufacturing

The background of the advertisement is a close-up photograph of several ARISTO LED TRIO-SUPER SLIM modules. These are small, white, rectangular components, each containing three individual LED chips. They are connected by thin, white, flexible cables. The modules are arranged in a curved, overlapping pattern, and they are all illuminated, creating a bright, glowing effect with some lens flare. The background is dark, making the white modules and their light stand out prominently.

**Energy-efficient, high-performance  
modules to fit into the smallest spaces.**

## LED TRIO-SUPER SLIM

- Super-slim 6.5 mm width – ideal for small spaces and indirect lighting,
- Deliver high brilliance with an energy use of only 0.325W. Can be used in series of up to 100 units.
- Versatile - compatible with a wide range of lighting angles. Easy to install with durable tape.

# Mecha-Chemi-Tronics: Aristo combines mechanical, chemical and electronics technology to develop safe, reliable, and high-quality products.

## Advantages of LEDs (Light Emitting Diodes)

### ECO

LEDs are environmentally friendly and contain no mercury, lead, or other toxic substances

### Energy Saving

LEDs use far less electricity than fluorescent and neon tubes.

### Long Lasting

LEDs have a lifespan of 50,000 hours, greatly reducing maintenance costs.

\*For white LEDs

### Safety

LEDs offer superior safety as well, emitting little heat and reducing stress on the medium.

## Features of Aristo's LED Modules

### Resin Fill-less Construction

Shifts in temperature cause resin-filled LEDs to expand and contract, creating stress on the resin, electric components, and solder. This stress can affect color temperature and lifespan. Aristo products use a unique resin fill-less design for reliable, long-lasting performance.

### Special Lens Effects

Aristo LEDs employ a unique lens design that focuses and diffuses light to achieve a wider, brighter illumination. This design provides more even, more brilliant illumination while still keeping energy use low.

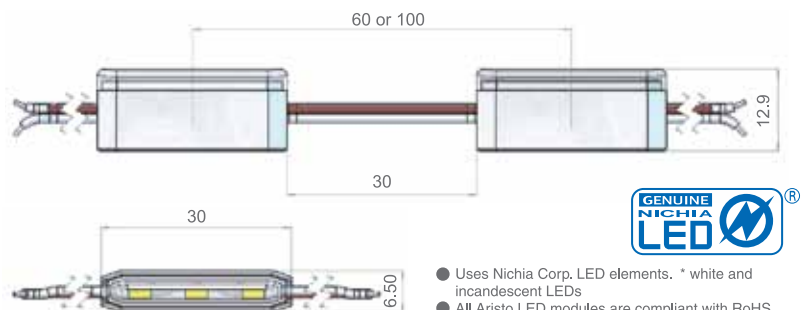
### IP67-Equivalent Water Resistance Grade

Aristo LEDs' waterproof construction makes them suitable for outdoor use.

## Trio-Super Slim Basic Specification

Model	TRIO-SUPER SLIM
Product number	ASS-W
LED type	Chip LED
Chip LED arrangement	In line
Size (mm)	L30 x W6.5 x H12.9
Type	Lens type
Color	White
No. of LEDs	3
Input voltage	DC12V
Power consumption	0.325W
Max. no. in serial connection	100
Operating temperature	-20°C ~ +60°C
Storage temperature	-30°C ~ +65°C
Product weight	3g
Packing unit	20 (10 units/string x 2)

\* Also sold in 1- and 5 unit versions.



- Uses Nichia Corp. LED elements. \* white and incandescent LEDs
- All Aristo LED modules are compliant with RoHS protocols. (as of 2/15/2008)

### Optional Switching Power Supply: Dedicated switching power supply (12V) from Densie Lambda

Model	HWS50-12/A	HWS100-12/A	HWS150-12/A
Output voltage	DC12V		
Output power	50W	100W	150W
Input voltage range	85 – 265VAC		
No. of connected units *1, *2	115	230	345



\* Power sources are also available in 300W and higher.

\*1: Safety rate of switching power supply is calculated at 75%.  
Ex) 100W x 75% = 75 W 75W + 0.325W (Trio-Super Slim energy use) = 230 units  
\*2: Please note that the number of connections differs from the maximum number of serial connections.

\*Please note that product specifications may change without prior notice.  
\*Due to printing, the color tone of the product may appear different to the actual product.

### Contact Us

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