

ARISTO

electronics · mechanical products
R&D and manufacturing



With enchanting brilliance made possible by special lens effects, Trio-Slim modules are perfect for small-letter lighted signs and indirect lighting and illumination.

LED TRIO-SLIM

- Available in 5 colors. Slim, easy-to-use design suitable for small-letter signs and indirect lighting.
- Provide wide area of illumination with an energy use of only 0.35W. Can be used in series of up to 50 units.
- Easy to install – just affix with durable, weather-proof tape. Can be cut to any length.

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.

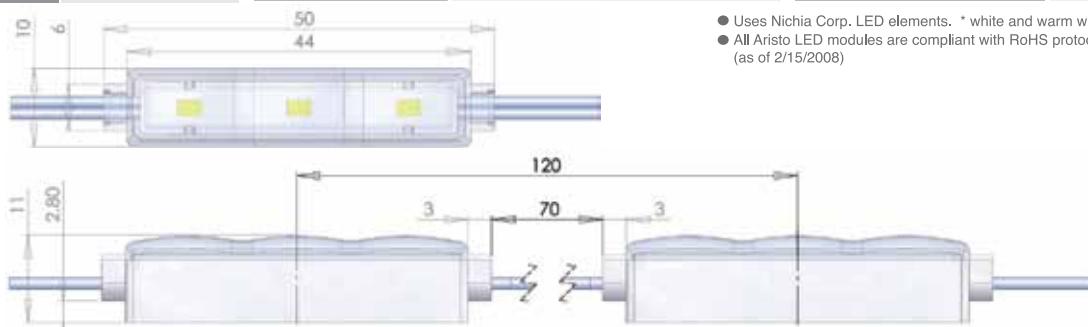


IP67-Equivalent Water Resistance Grade

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

Trio-Slim Basic Specification

Model	TRIO-SLIM	Type	Lens type	Max. no. in serial connection	50
Product number	ATS-W	Color	White, blue, green, red, incandescent	Operating temperature	-20°C ~ +60°C
LED type	Chip LED	No. of LEDs	3	Storage temperature	-30°C ~ +65°C
Chip LED arrangement	Single Letter	Input voltage	DC12V	Product weight	6g
Size (mm)	L50 x W10 x H11	Power consumption	0.35W * for white LEDs	Packing unit	10 (10 units x 1 package)



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



Optional Switching Power Source: Dedicated switching power sources (12V) from Densel Lambda

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

Model	HWS30-12A	HWS50-12A	HWS100-12A	HWS150-12A
Output voltage	DC12V			
Output power	30W	50W	100W	150W
Input voltage range	85 – 265VAC			
No. of connected units *1, *2	70	107	214	321



*1: Safety rate of switching power supply is calculated at 75%.
Ex) 50W x 75% = 37.5W + 35W (Trio-Slim energy use) = 107 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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