

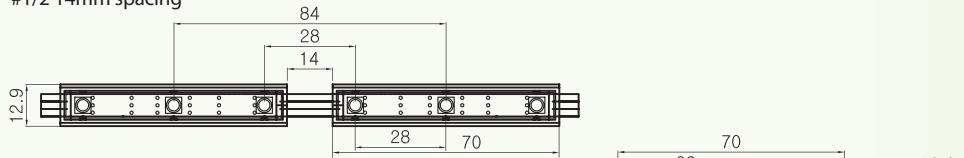
PREMIUM LINEAR LIGHTING SOLUTION, STAR LINE!

STAR LINE is a Linear Lighting solution designed with 3-pin LED modules, Aluminium heat sink with plastic based wire cover. It is small and compact but its balanced structure provides excellent performance compared to other competing brands. It uses cost-effective 12V power input and operates at low temperature which makes them perfect for commercial and residential indirect lighting and also for everyday lighting applications. Offering superior, evenly-dispersed light output, thousands of visual effects through dimmer and controlling device. STAR LINE sets the standard in the marketplace in quality and value!

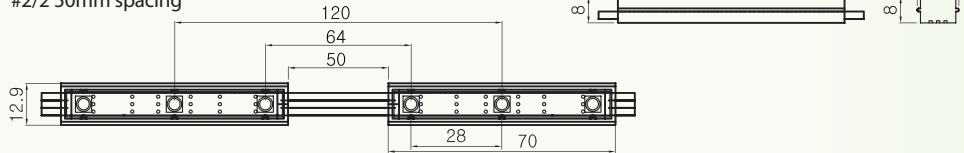
- Guaranteed lifetime up to 42,500 hours with 70% lighting output
*24 hour constant load may result less operating hours with lower lighting output. Estimated lifetime is based on normal usage of 10 hours per day.
- IP65 weather proof system
- Uniform color temperature by strictly controlled system
- Indirect lighting solution for commercial use.
- Supports dimming and alternating lights through a dimmer or controller
- Good Color Rendering

LED module

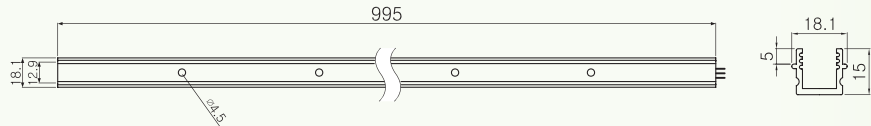
#1/2 14mm spacing



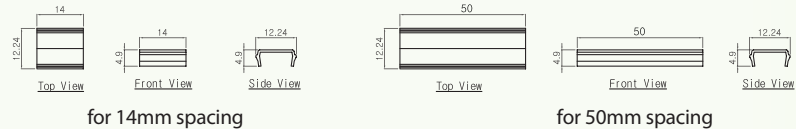
#2/2 50mm spacing



AL BAR

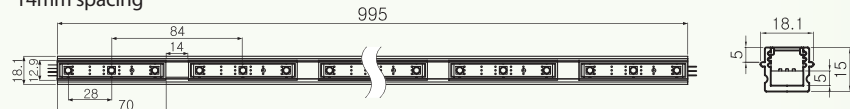


Wire Cover

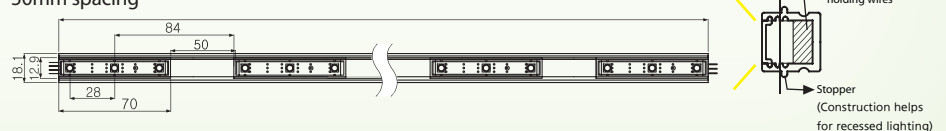


Completed System

14mm spacing



50mm spacing



OPTICAL CHARACTERISTICS

Model	Illuminance (lux)			Color Temperature (Kelvin)			Viewing Angle
	Min	Typical	Max	Min	Typical	Max	2 $\Theta_{1/2}$
white		66			5,700K		120
Warm White		57			2,700K		120
Red		57		620nm		630nm	120
Green		57		525nm		535nm	120
Blue		57		455nm		465nm	120

*CRI (Color Rendering Index) for white product types is 70 / *Spectral width at half of the peak intensity / *Luminous Flux measuring equipment is CAS140B
 *Viewing angle is the off axis angle from lamp centerline where the luminous intensity is half of the peak value / *CCT \pm 10% tester tolerance
 *Dominant wavelength is derived from the CIE 1931 Chromaticity diagram and represents the perceived color
 *Color temperature for white is strictly controlled by bin rank system and it consists of three ranks which should not be used simultaneously.

ELECTRICAL CHARACTERISTICS

Current dissipation : 55mA(1 modules), 660mA(14mm spacing, 1M), 495mA(50mm spacing, 1M)
 Power Consumption : 0.66W(1 modules), 7.92W(14mm spacing 1M), 5.94W(50mm spacing 1M)
 Operating power : DC 12V
 Quantity for maximum connection in serial : 50 modules

THERMAL

Cooling : AL Heatsink, Ambient air
 Maximum operating temperature : 60°C (140°F)
 Minimum operating temperature : -25°C (-13°F)
 Maximum storage temperature : 60°C (140°F)
 Minimum storage temperature : -30 C (-22 F)

SAFETY FEATURES

IP65: prevents water & dust penetration

CONSTRUCTION

LED Module
 LED Lamp : Tri-Die chip, 5252, 12 modules for 1M w/14mm spacing. 9modules for 1M w/50mm spacing
 PCB : CEM-1
 Protective resin : White colored silicon
 Body: ABS
 Lead wire : 14 AWG / 50AWG
AL BAR: 1M base
WIRE COVER: ABS

APPLICATIONS

Linear lighting
 Border lighting
 Point-Of-Purchasing signage
 Art & sculpture and cove lighting
 Replacement for conventional lighting system

APPROVAL

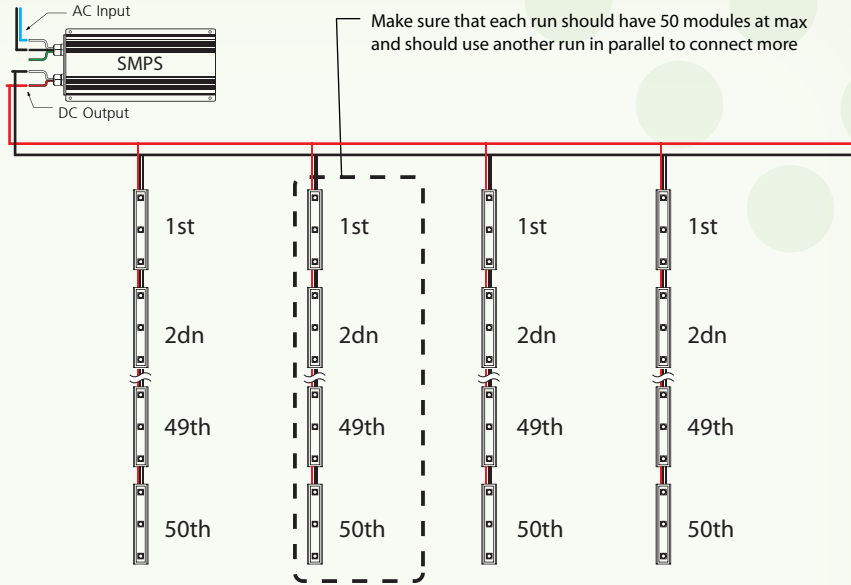
EN 55015/A2 : 2009
 EN 61547/2009
 EN 62031/2008
 EN 62471/2006



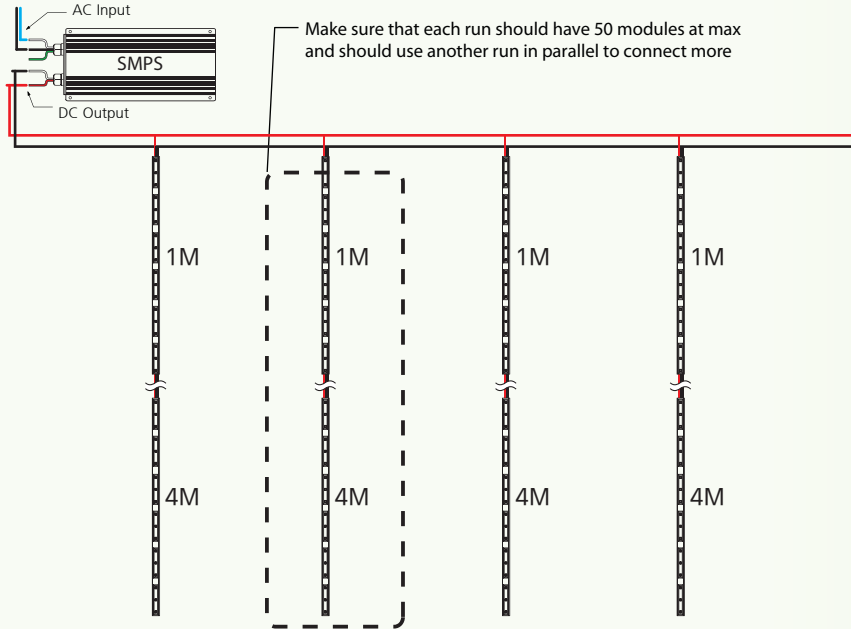
FEATURES



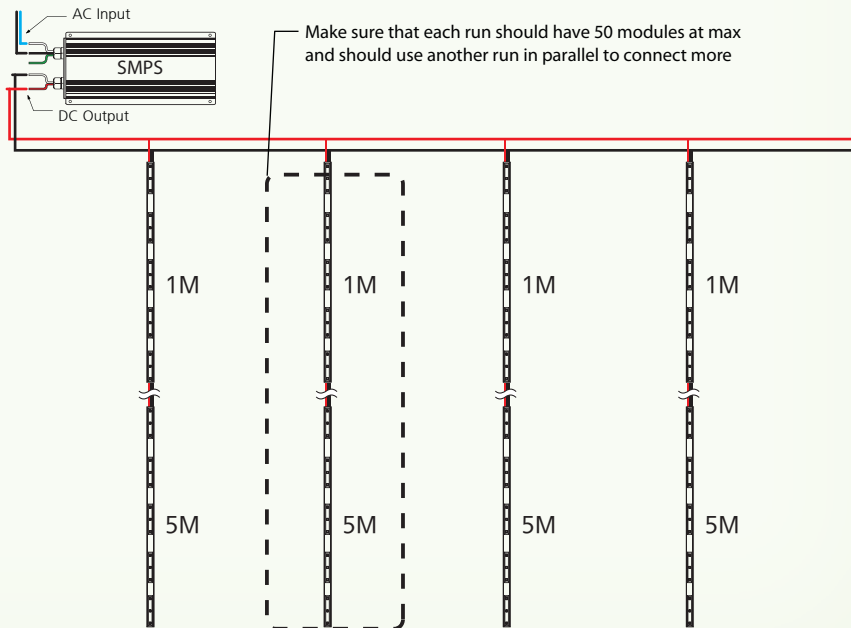
WIRING GUIDE
Modular system



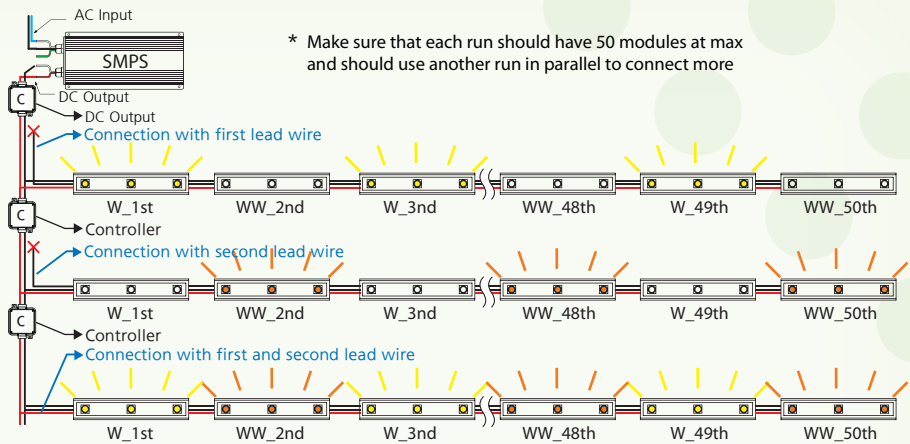
Systemize
14mm spacing



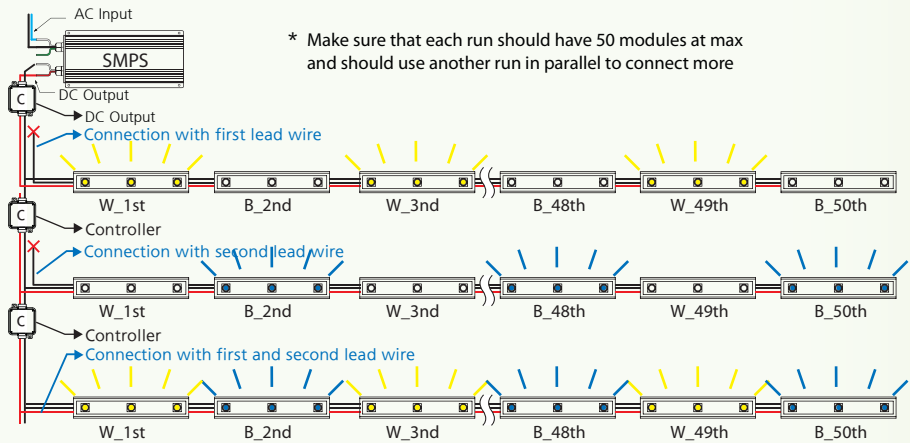
Systemize
50mm spacing



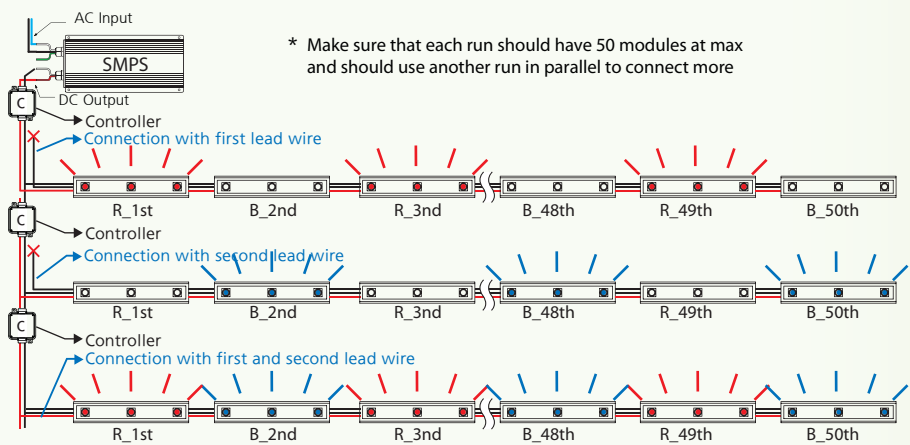
Alternating Lights White & Warm White



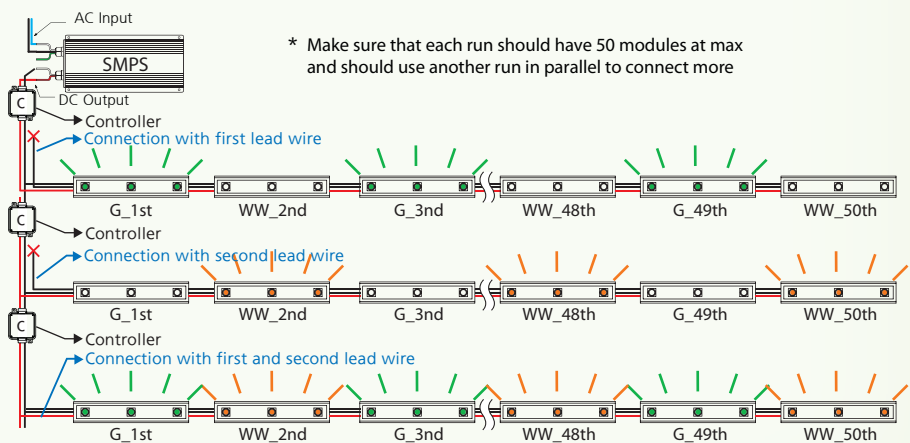
White & Blue



Red & Blue



Green & Warm White



Specifications subject to change without notice