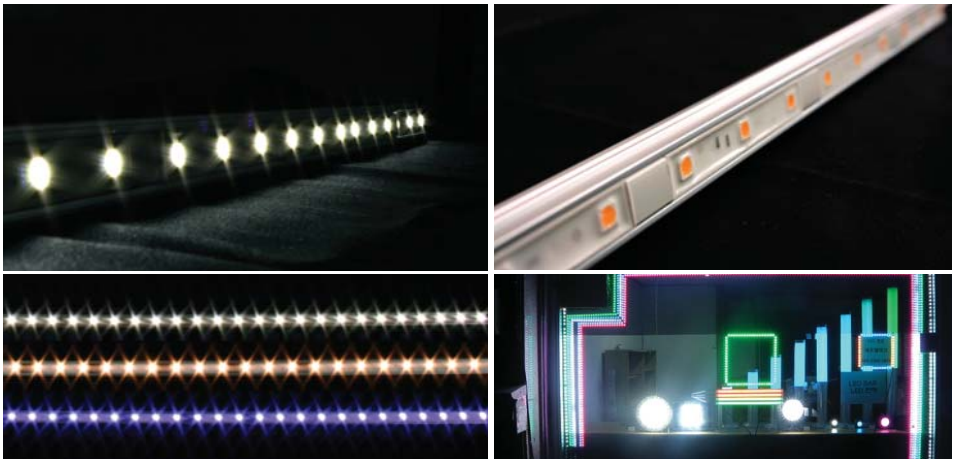


PREMIUM LINEAR LIGHTING SOLUTION, STAR LINE!

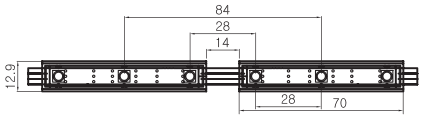
IP65

DC12V | 42,500H LIFETIME | CE | RoHS

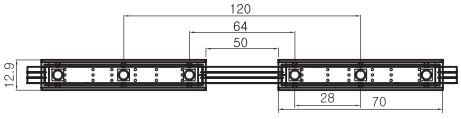
- Guaranteed lifetime up to 42,500 hours with 70% lighting output
  *24 hour constant load may result less operating hours with lower lighting output. Estimated lifetime is based on normal usage of 10 hours per day.
- IP65 weather proof system
- Uniform color temperature by strictly controlled system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

LED module

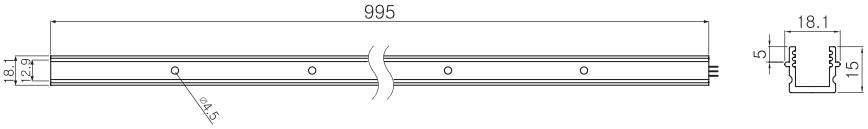
#1/2 14mm spacing



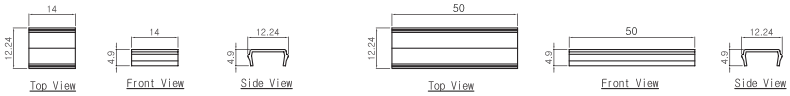
#2/2 50mm spacing



AL BAR



Wire Cover

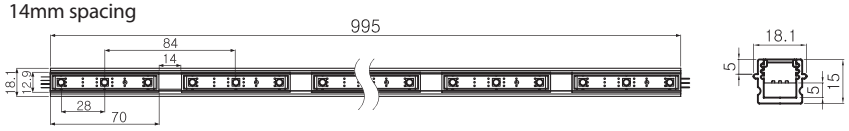


for 14mm spacing

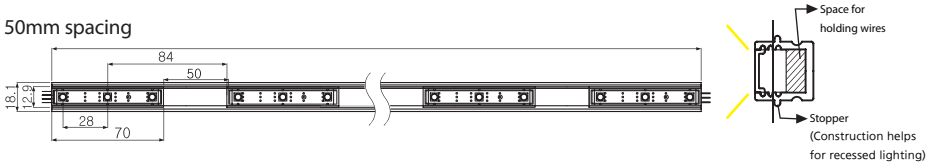
for 50mm spacing

Completed System

14mm spacing



50mm spacing



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OPTICAL CHARACTERISTICS

Model	Luminous Flux (lm)			Color Temperature (Kelvin)			Viewing Angle
	Min	Typical	Max	Min	Typical	Max	$2\Theta_{1/2}$
White		66			5,700K		120
Warm White		61			2,700K		120
Red		6		620nm		630nm	120
Green		18		525nm		535nm	120
Blue		3		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 ±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(1modules), 660mA(14mm spacing, 1M), 495mA(50mm spacing, 1M)
Power Consumption : 0.66W(1module), 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
Operating temperature : -20~50˚C
Storage temperature : -20~60˚C

SAFETY FEATURES

IP65: prevents water & dust penetration

CONSTRUCTION

LED Module
LED Lamp : 5050 Package
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
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

Specifications subject to change without notice

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