



TUNABLE WHITE SERIES

LED STRIP LIGHT 5.85W/FT

PROJECT:

PREPARED BY:

DATE:

TYPE:



5.85W / FT

2016 Chip

The Tunable White Series strip light offers adjustable color temperatures ranging from 2300K to 6500K, providing seamless control over warm to cool illumination. Featuring high CRI 90+ for superior color accuracy and 5.85W/FT output, it ensures high-performance lighting for architectural, commercial, and residential applications. With precise dimming capabilities and a compact 2016 LED chip design, this series delivers smooth, flicker-free illumination tailored to any environment.



Sub-Primary Lighting

Ideal for sub-primary lighting levels, the Tunable White Series delivers powerful yet controlled illumination, making it perfect for cove lighting, ceiling integrations, and layered architectural designs

PERFORMANCE

• Wattage	8.85W/FT	• Maximum Run	16.4FT
• Input Power	24V	• Certification	UL / ETL
• CRI	90	• Dimming	Triac
• LED Chip	2016	• Warranty	5 years

DIMENSIONS

• Length per Roll	16.4FT
• Height x Width	0.02" x 0.39"

INSTALLATION

• Environment	IP20	• Adhesive	3M
• Cutting Interval	1.97"	• Ambient Temperature	-20 °C to 40 °





TUNABLE WHITE SERIES

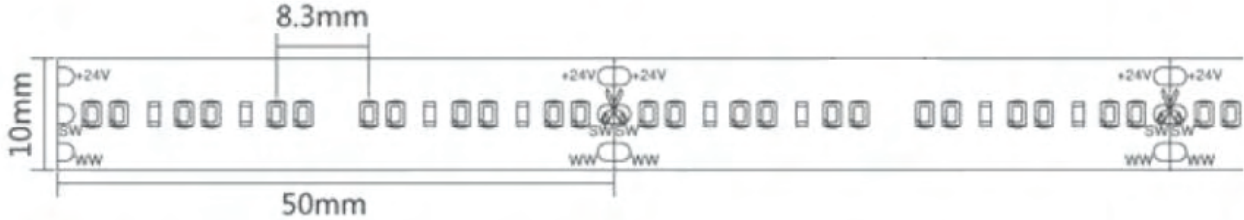
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ORDER GUIDE

Model	Length	Wattage	CCT	Lumens/FT	Efficacy	IP Rating
LB53194	16.4FT	5.85W/FT	2300K- 6500K	500LM	85LM/W	IP20

- Run can not exceed 20 feet per home run
- Maximum driver distance of 20 feet before voltage drop (with 18 gauge wire)

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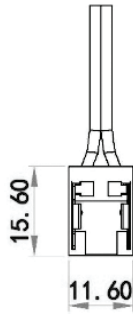
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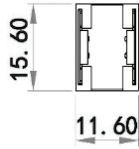
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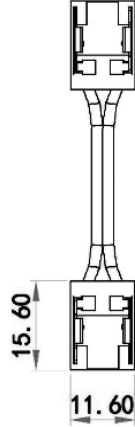
TRANSPARENT CLAMP ACCESSORIES



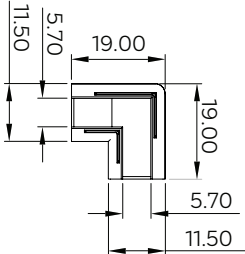
LB55816
Starter



LB55817
Coupling

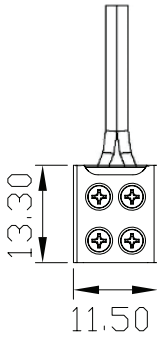


LB55818
Coupling with Wire

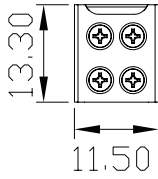


L Coupling

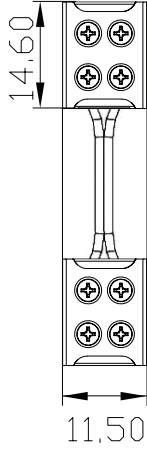
SCREW FASTEN ACCESSORIES



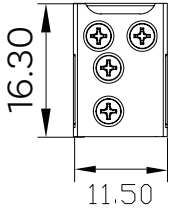
LB55962
Starter



LB55962
Coupling



LB55964
Coupling with Wire



LB55968
L/T Coupling



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COMPATIBLE DRIVER



Model	LB55500
Wattage	120W
Dimensions	7.74" x 4.07" x 1.57"
Temperature	IP67
Dimming	Triac/MLV/ELV



Model	LB55460
Wattage	30W
Dimensions	12" x 2.4" x 1.4"
Temperature	IP67
Dimming	Triac/MLV/ELV



Model	LB55501
Wattage	200W
Dimensions	8.17" x 4.57" x 1.57"
Temperature	IP67
Dimming	Triac/MLV/ELV



Model	LB55462
Wattage	60W
Dimensions	12" x 2.4" x 1.4"
Temperature	IP67
Dimming	Triac/MLV/ELV



Model	LB55502
Wattage	300W
Dimensions	9.13" x 4.57" x 1.57"
Temperature	IP67
Dimming	Triac/MLV/ELV



Model	LB55464
Wattage	96W
Dimensions	12" x 2.4" x 1.4"
Temperature	IP67
Dimming	Triac/MLV/ELV

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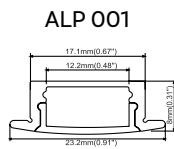
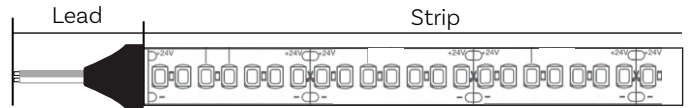
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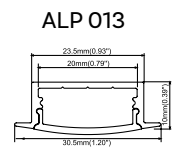
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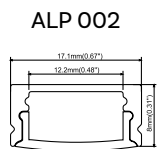
COMPATIBLE ALUMINUM CHANNEL



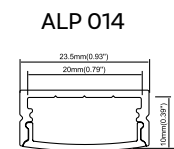
IP20 Strip	IP65 Strip
Strip ✓	Strip ✓
Lead ✓	Lead ✗



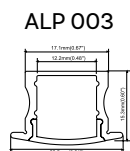
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Strip ✓	Strip ✓
Lead ✓	Lead ✓



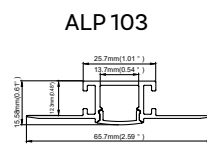
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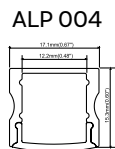
IP20 Strip	IP65 Strip
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Lead ✓	Lead ✓



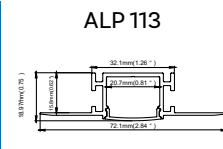
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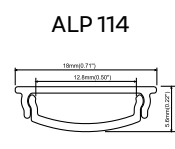
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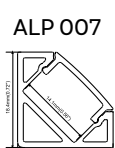
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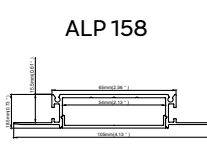
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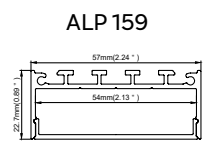
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Cautions

SAFETY PRECAUTIONS

Use as directed


This product serves exclusively lighting purposes and may:

- > Only be operated using a suitable driver
- > Only be used in dry condition:
 - not in damp or dirt-endangered rooms.
 - not in areas of high air humidity.
- > Not be exposed to strong mechanical loads or to strong contamination.
- > Only be installed and operated after a condition inspection if the product is dirty or has been moistened through storage
- > Not be modified or converted.


If these points named above are not adhered to, a short circuit or electrical shock may occur!

Installation
The complete installation must be done by an electrical expert or a specialized maintenance team, who is familiar valid directives.

IP20



Do not press the surface of LED



Pay attention to damp-proof and dustproof



Attention: Switch off power of the mains supply or respectively of the connection lead before doing any works.

Use only parts, which are supplied with the product or are described as accessories! Otherwise, the product or the installation might not be sufficiently safe!

Indication for the installer: In case you do not install a completely supply system (with transformer), you are considered a "manufacturer" by the low-voltage directive. In this case you are required to ensure the conformity of the whole system and declare it by attaching the CE-sign.

Installation place

Make sure that the product is mounted on a stable, even and tilt-fixed background. Note the minimum distances in the ceiling.



Attention: Do not cover the product, especially not with insulating materials.

Operation- Information for the user

Operate the product only if it is working correctly. Switch off the product with malfunction immediately and operate it again only after examination by an electrical specialist. This is the case, when:

- > Visible damages appear.
- > The product does not work.
- > Smoke, steam or crackling sounds appear.
- > An overheating is recognizable

Repairs of the product or work on mains voltage-prominent sections may only be carried out by qualified electricians.



Attention: Here exists mortal danger from an electric shock!

How to avoid failure or fire risk

- > Do not cover the product- provide free air circulation!
- > Do not hang or fasten anything on the product, especially no decoration.
- > Never let children play unsupervised with electric products!
Children can not always estimate dangers in dealing with electric energy correctly.

Disconnect the product from power, before you...

- > Clean or maintain the product.
- > Do any works on the product or its components (electric expert).



Attention: Do not place in the environment which includes strong acid and strong base.

LED get vulcanized, LED strip should be installed in the environment where does not has oil and corrosive substances. Such as these substances which contain Sulphur, Bromine, Iodine and Chlorine. Some other chemical element which will cause aromatic hydrocarbons releasing (such as methylbenzene, xylene, methyl acetoacetate ethyl acetate, etc.)