LBUSA

# 4.5W SERIES

LED STRIP LIGHT 4.5W/FT

PROJECT:

PREPARED BY:

DATE:

TYPE:

Sub-Primary Lighting

## 4.5W / FT

### 2835 Chip

The 4.5 Series LED strip features high-performance 2835 SMD chips that deliver up to 600 lumens per foot with exceptional thermal stability and energy efficiency. With a CRI of 90+ and five CCT options, it provides accurate and vibrant color rendering for precise lighting needs. Available in both IP20 and IP65 ratings, it's suitable for indoor and outdoor use, offering protection against dust and water. This blend of brightness, durability, and flexibility makes the 4.5 Series a reliable solution for a wide range of applications.

Ideal for sub-primary lighting levels, the 4.5 Series delivers powerful yet controlled illumination, making it perfect for cove lighting, ceiling integrations, and layered architectural designs

## PERFORMANCE

| | | | |
|---|---|---|---|
| • Wattage | 4.5W/FT | • Maximum Run | 16.4FT |
| • Input Power | 24V | • Certification | UL / ETL |
| • CRI | 90 | • Dimming | Triac |
| • LED Chip | 2835 | • Warranty | 5 years |

## DIMENSIONS

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

## INSTALLATION

| | | | |
|---|---|---|---|
| • Environment | IP20 / IP65 | • Adhesive | 3M |
| • Cutting Interval | 1.157" | • Ambient Temperature | -20 °C to 40 ° |

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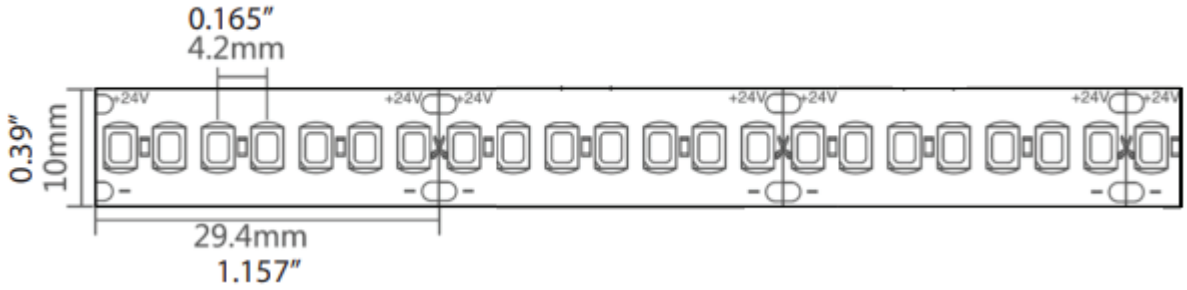


## ORDER GUIDE

| Model | Length | Wattage | CCT | Lumens/FT | Efficacy | IP Rating |
|---|---|---|---|---|---|---|
| LB53400 | 16.4FT | 4.5W/FT | 2700K | 585LM | 130LM/W | IP20 |
| LB53400-W | 16.4FT | 4.5W/FT | 2700K | 589LM | 130LM/W | IP65 |
| LB53401 | 16.4FT | 4.5W/FT | 3000K | 589LM | 131LM/W | IP20 |
| LB53401-100 | 100FT | 4.5W/FT | 3000K | 589LM | 131LM/W | IP20 |
| LB53401-W | 16.4FT | 4.5W/FT | 3000K | 592LM | 131LM/W | IP65 |
| LB53402 | 16.4FT | 4.5W/FT | 3500K | 592LM | 132LM/W | IP20 |
| LB53402-100 | 100FT | 4.5W/FT | 3500K | 592LM | 132LM/W | IP20 |
| LB53402-W | 16.4FT | 4.5W/FT | 3500K | 592LM | 132LM/W | IP65 |
| LB53403 | 16.4FT | 4.5W/FT | 4000K | 607LM | 134LM/W | IP20 |
| LB53403-100 | 100FT | 4.5W/FT | 4000K | 607LM | 134LM/W | IP20 |
| LB53403-W | 16.4FT | 4.5W/FT | 4000K | 607LM | 134LM/W | IP65 |
| LB53404 | 16.4FT | 4.5W/FT | 5000K | 610LM | 135LM/W | IP20 |

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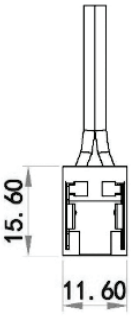
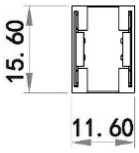
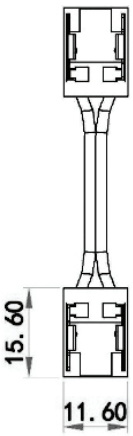
## TRANSPARENT CLAMP ACCESSORIES



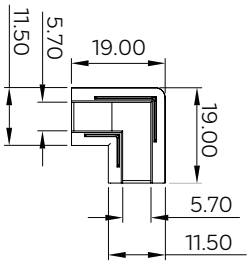

LB55816
Starter




LB55817
Coupling

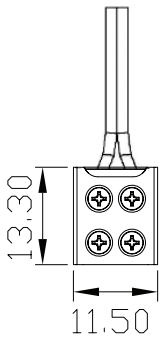



LB55818
Coupling with Wire

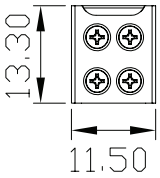



L Coupling

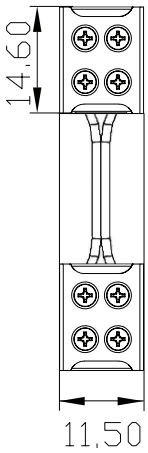
## SCREW FASTEN ACCESSORIES



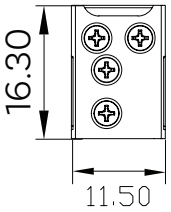

LB55962
Starter




LB55962
Coupling




LB55964
Coupling with Wire




LB55968
L/T Coupling



Information on Spec sheets or other supportive files may be modified at any given time

# 4.5W SERIES

LED STRIP LIGHT 4.5W/FT

PROJECT:

PREPARED BY:

DATE:

TYPE:

## COMPATIBLE DIRVER

| | |
|---|---|
| Model | LB55500 |
| Wattage | 120W |
| Dimensions | 7.4” x 3.7” x 1.7” |
| 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 | 9.4” x 4” x 1.7” |
| Temperature | IP20 |
| 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 | 10” x 4.3” x 1.7” |
| Temperature | IP20 |
| 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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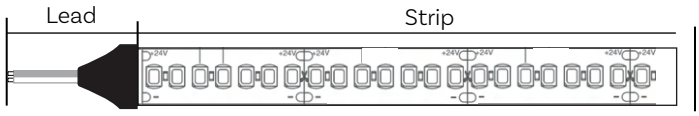
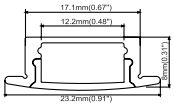
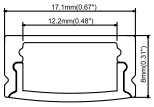
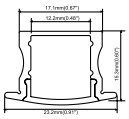
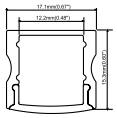
## COMPATIBLE ALUMINUM CHANNEL

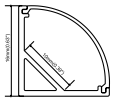


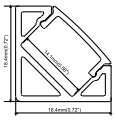

| ALP 001 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✗ |

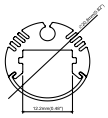
| ALP 002 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✗ |

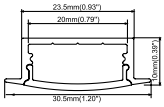
| ALP 003 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead |

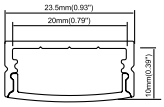
| ALP 004 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✓ |

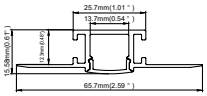
| ALP 006 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✓ |

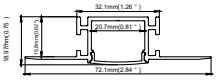
| ALP 007 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✗ |

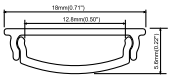
| ALP 008 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✗ |

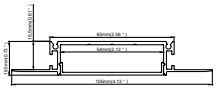
| ALP 013 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✓ |

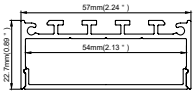
| ALP 014 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✓ |

| ALP 103 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✗ |

| ALP 113 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✓ |

| ALP 114 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✗ |

| ALP 158 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✓ |

| ALP 159 | IP20 Strip | IP65 Strip |
|---|---|---|
|  | Strip ✓ | Strip ✓ |
| | Lead ✓ | Lead ✓ |

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LED STRIP LIGHT 4.5W/FT

PROJECT:

PREPARED BY:

DATE:

TYPE:

## Cautions

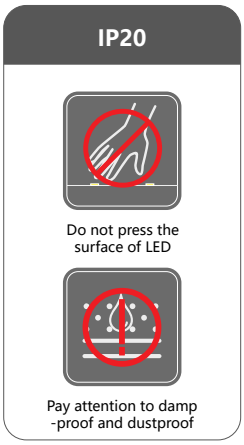
## SAFETY PRECAUTIONS

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.




### 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 productor 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.)