



ULTRA SLIM SCOB SERIES

LED STRIP LIGHT 2.3W/FT

PROJECT:
PREPARED BY:
DATE:
TYPE:



Ambient Lighting

2.3W / FT

SCOB Chip

The Ultra Slim SCOB Series is a compact, high-performing LED strip that delivers a seamless, dot-free glow in an ultra-narrow 0.19” profile. Operating at 2.3W/ft with a CRI of 90 and up to 102 lumens per watt, it provides soft, uniform illumination ideal for ambient accents, coves, and integrated architectural features. With 24V input, IP20 protection, and 1.97” cut intervals, this strip is designed for clean installations in tight spaces where precision and visual comfort are key

Ideal for ambient lighting applications, this solution delivers a soft yet effective glow—perfect for cove details, ceiling integrations, and layered architectural compositions

PERFORMANCE

| | | | |
|---------------|---------|-----------------|----------|
| • Wattage | 2.3W/FT | • Maximum Run | 20FT |
| • Input Power | 24V | • Certification | UL / ETL |
| • CRI | 90 | • Dimming | Triac |
| • LED Chip | SCOB | • Warranty | 5 years |

DIMENSIONS

| | |
|-------------------|---------------|
| • Length per Roll | 20FT |
| • Height x Width | 0.11” x 0.19” |

INSTALLATION

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





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ORDER GUIDE

| Model | Length (ft) | Wattage | CCT | Efficacy | IP Rating |
|---------|-------------|---------|-------|-----------|-----------|
| LB53360 | 20FT | 2.3W/FT | 2700K | 87.8LM/W | IP20 |
| LB53361 | 20FT | 2.3W/FT | 3000K | 92.7LM/W | IP20 |
| LB53362 | 20FT | 2.3W/FT | 3500K | 100LM/W | IP20 |
| LB53363 | 20FT | 2.3W/FT | 4000K | 102.4LM/W | IP20 |

**Note: This series does not support snap-in or clamp connectors—installation is solder-only*



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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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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.)