SunBrite™
Modular LED Lightbars

RoHS Compliant

Cost-Effective, High Performance Modular LED Lightbars!

The SunBrite family of Modular LED Lightbar technologies combine high-performance, ease-of-installation, flexibility and cost savings. Unlike many alternative lighting technologies, the SunBrite LED Lightbar can be installed with ease without the need to hire an electrician to open walls and install new wiring. Lumex's SunBrite™ LEDs are ideal for undercabinet, kitchen, bookshelf, cupboard, showcase, and accent and cove lighting applications.

Features:

- Available in lengths of 6, 12 and 24 inches for extendable design solutions
- Compatible connector cables available in 10", 20" or 40" lengths to connect Lightbars to desired length
- Mounting clips are available in standard format, 45° Angle format and Swivel format.
- A specially designed transformer is available to allow for simplified installation and immediate wall plug-in.
- For brightness control, a dimmer switch is available and effective on an entire line of connected light switches
- Ultra thin heat sink
- CE, UL, IP60, and RoHS compliant
- Warm, neutral and cool white colors are available in standard formats. Custom RGB technologies can also be created in any color.

LUMEX®
Creating LED and LCD Solutions Together™

Member of the *ITW* Photonics Group

SunBrite™ Modular LED Lightbars
by *LUMEX*®
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Recommended Applications

- Cabinet Lighting
- Undercabinet Lighting
- Kitchen Lighting
- Garage Lighting
- Bookshelf Illumination
- Cupboard Lighting
- Showcase Displays
- Cove Lighting

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12" LED Lightbars: SSP-LB12 series

304.00 [11.968]

13.25 [0.522]

19.45 [0.766]
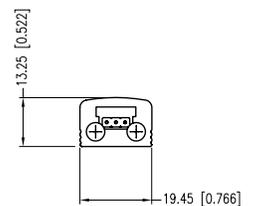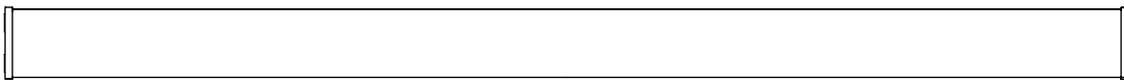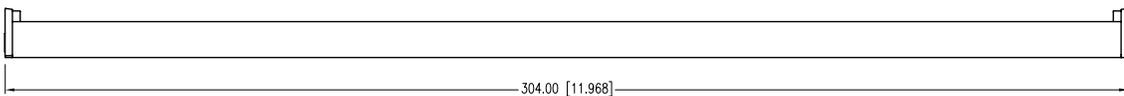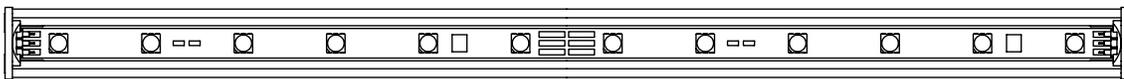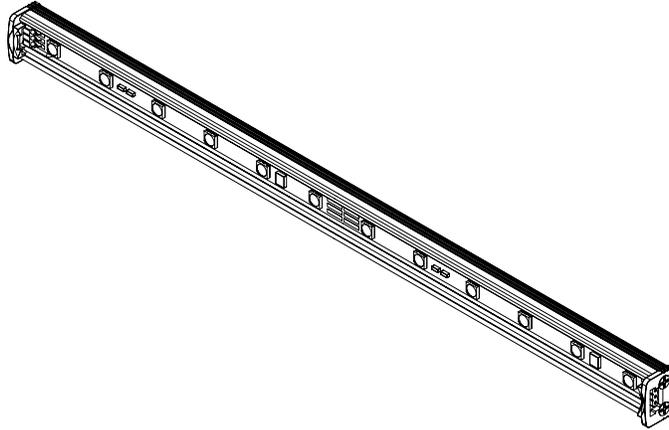
			SunBrite™ Modular LED Lightbars					
PN	Emitted Color	# of LEDs	CCT (K)	Watts	Lumens	Length	Voltage	Angle
SSP-LB12UW024K05	Cool White	12	5000 ~ 6300	5	360	12"	24 VDC	120
SSP-LB12UW024K03	Cool White	12	5000 ~ 6300	3.3	220	12"	24 VDC	120
SSP-LB12NW024K05	Neutral White	12	3700 ~ 4300	5	300	12"	24 VDC	120
SSP-LB12NW024K03	Neutral White	12	3700 ~ 4300	3.3	220	12"	24 VDC	120
SSP-LB12MW024K05	Warm White	12	2600 ~ 3000	5	300	12"	24 VDC	120
SSP-LB12MW024K03	Warm White	12	2600 ~ 3000	3.3	190	12"	24 VDC	120

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www.lumex.com   800.278.5666

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Illumination Charts

SSP-LB06MW024K03

50cm

100cm

50cm

100cm

SSP-LB12UW024K05

50cm

100cm

116 LUX | 264 LUX | 462 LUX
50cm

23 LUX | 66 LUX | 115 LUX
100cm

SSP-LB12UW024K03

50cm

100cm

72 LUX | 165 LUX | 290 LUX
50cm

20 LUX | 42 LUX | 72 LUX
100cm

SSP-LB12MW024K05

50cm

100cm

88 LUX | 202 LUX | 355 LUX
50cm

22 LUX | 51 LUX | 89 LUX
100cm

SSP-LB12NW024K03

50cm

100cm

72 LUX | 165 LUX | 290 LUX
50cm

20 LUX | 42 LUX | 72 LUX
100cm

SSP-LB12MW024K05

50cm

100cm

88 LUX | 202 LUX | 355 LUX
50cm

22 LUX | 51 LUX | 89 LUX
100cm

SSP-LB12MW024K03

50cm

100cm

62 LUX | 139 LUX | 250 LUX
50cm

16.5 LUX | 35 LUX | 63 LUX
100cm

50cm

100cm

50cm

100cm

50cm

100cm

50cm

100cm

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Installation Instructions

Layout and Designing Requirements:

Sunbrite™ Modular LED Lightbars are available in 3 different lengths, 6", 12" and 24" with power usage either 3.3 W./ft. or 5W./ft. The lightbars can be easily chained to create desired length. Customer should start the design by defining the following factors:

- length for each location
- brightness output
- power usage
- color temperature

Once these factors are defined, you can then begin to design how you want to chain the light bars together. Please keep in mind that total power usage when the light bars are chained together cannot exceed power output from power supply adaptor (for safe operation, recommend total power usage from chained lightbars to be 25% lower than output wattage from power supply adaptor).

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Installation Instructions *continued...*

Method 4. Connection light bars with cable-to-cable extension joint (SSP-CN2CN)

Method 5. Connection light bars with multiple cable-to-cable extension joint (SSP-CNM0)

Connecting Lightbar to Power Adaptor (SSP-PW024):

SunBrite™ Modular LED Lightbars can be connected to the power adaptor by using the power line connection cable (SSP-CA12) between the lightbar and the power adaptor.

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Installation Instructions *continued...*

Using Mini-Touch Dimmer Switch in Connection with Lightbars: *continued...*

Scenario 2. Dimmer at the "middle" of a chain

Scenario 3. Dimmer at the "beginning" of a chain

Scenario 4. Dimmer at a branching "network"

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