

NULB-8 Series
24V Silk SBC LED Lightbar

Source: 5W LED
350lm/ft

PRODUCT DESCRIPTION

The 24V Silk SBC LED Lightbar produces an incredible 350+ lumens per foot while consuming only 5W at 90+ CRI. The Silk SBC LED Lightbar eliminates the diode image to provide uniform reflectance of light without the hot spots generated by direct view mounted LEDs. The Solid Bus Connectors (SBC) provide a rigid connection between bars, while the flush mount adjustable mounting brackets allow complete zero to 90 degree adjustment. Silk features an ultra low-profile and is available in five lengths with a variety of contractor-friendly installation accessories. Silk SBC can be used in under cabinet, in cabinet, cove, display, and general commercial, retail and residential lighting applications.

FEATURES

- Uniform reflectance with NO diode image
- 350 lumens per foot
- 2700K, 3000K & 4000K @ 90+ CRI
- Five different lengths; 6", 12", 24", 36" and 48"
- Easy installation with flush mount 0°-90° adjustable mounting brackets (included)
- Solid Bus Connector (SBC) included
- Dimmable with dimmable power supply
- Aluminum and Black finish
- Can be connected up to 20' per run

INCLUDED WITH EVERY LIGHTBAR

(1) SBC End-to-End Connector (NAL-800), (2) Flat Mounting Clips (NAL-201), (2) 0°-90° Adjustable Mounting Clips (NAL-809)

Note: 36" and 48" lightbars include three mounting clips each

HOUSING

Solid aluminum extrusion with flush mounted end caps

FINISHES

Natural Aluminum or Black (Special Order)

ELECTRICAL

Input Voltage: 24V DC

Power Consumption: 5W per foot

Lumens / Wattage:

6" = 175lm / 2.4W; **12"** = 350lm / 4.8W; **24"** = 700lm / 9.6W;

36" = 1050lm / 14.2W; **48"** = 1400lm / 19W

Color Temperature: Warm White (2700K, 3000K) Cool White (4000K)

CRI: 90+ CRI

Operating Temp.: -25°C to 60°C

Dimming: Dimmable with dimmable driver

Max Run Length: 20'

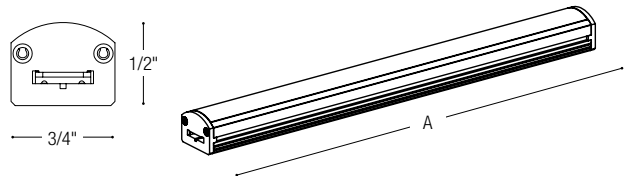
Life Expectancy: 30,000 hours @ L70

LABELS AND LISTINGS

- cULus Listed for Damp Location
- ENERGY STAR[®] certified
- 5-Year Limited Warranty



PRODUCT IMAGES AND DIMENSIONS



Dimensions	Length (A)
NULB-806LED	5-15/16"
NULB-812LED	11-14/16"
NULB-824LED	23-9/16"
NULB-836LED	35-4/16"
NULB-848LED	46-15/16"

24V Silk SBC LED Lightbar

Length / Lumens / Wattage	Color Temperature	Finish
NULB-806LED = 6" / 175lm / 2.4W	927 = 2700K	A = Natural Aluminum
NULB-812LED = 12" / 350lm / 4.8W	930 = 3000K	B = Black (Special Order Only)
NULB-824LED = 24" / 700lm / 9.6W	940 = 4000K	
NULB-836LED = 36" / 1050lm / 14.2W		
NULB-848LED = 48" / 1400lm / 19W		

Example: **NULB-842LED930A** = 24", 3000K Silk SBC Lightbar, Natural ALuminum finish

NULB-8 Series
24V Silk SBC LED Lightbar Drivers and Accessories



24V Direct Plug-In LED Driver
Non-Dimmable

NATL-524 (B,W) 24W
NATL-545 (B,W) 45W
Allows direct connection to a wall outlet with 6' cord and plug. Requires power line cable. Available in black or white.



24V Direct Plug-In LED Driver
Non-Dimmable

NATL-596 (B,W) 96W
Allows direct connection to a wall outlet with 5' cord and 44" power line connector. Requires power line cable. Available in black or white.



24V Nexus Driver / Dimmer Switch

NATL-SWEX100/24A 100W
NATL-SWEX/3FP 3 Face Plates
Eliminates the driver and allows 120V input and 24V output from a single gang box. 100-5% dimming and on/off switch. Requires power line cable.



24V Class II Hardwire LED Driver
Non-Dimmable

NATL-5030HW 30W
NATL-5060HW 60W
NATL-5100HW 100W
Allows hardwiring. Includes 10' power line connector (NALTL-10). Requires power line cable.



24V Class II Hardwire LED Driver
MLV dimming

NMT-303/24C2D1 300W
(3) 100W Breakers with integral regulator for constant current and voltage. Includes 10' power line connector (NALTL-10). Requires power line cable.



24V Class II Hardwire LED Driver
0-10V dimming

NATL-5096-24-HWD10 96W
Allows hardwiring. Includes 10' power line connector (NALTL-10). Requires power line connector cable



24V Class II Hardwire LED Driver
MLV dimming

NMTD-60/24D 60W
NMTD-96/24D 96W
Integral regulator for constant current and voltage. Includes 10' Power Line Connector (NALTL-10). Requires power line connector cable



Power Line Connector

NALTL-10 10' Cable
NALTL-30 30' Cable
Carries output from driver, requires power line cable. For use with Class II drivers



Power Line Splitter

NATL-302 (B,W) 5" Cable
Splits power line connector into two separate leads, requires power line cables. Available in black or white.



Touch Dimmer with Memory

NATL-518 (B,W)
72W max., no power fail memory, touch on / off and hold to dim. Available in black or white.



DC Plug & Play Motion Sensor

NAL-856W
12' Max activation distance; 20 second auto off; 120" detection zone; Max Load 4A.



16AWG In-Wall Rated Wire

NATL-W16-2-1 1'
NATL-W16-2-20 20'
NATL-W16-2-250 250'
16 AWG low voltage Class II two-conductor wire



Low Voltage Splice Box

NATL-415W
Joins low voltage lead to low voltage power line connector or interconnector.



4-Way Terminal/Splice Block
8-Way Terminal/Splice Block

NATL-407 4-Way
2-3/8"L x 1-1/8"W x 7/8"D
NATL-408 8-Way
4"L x 1-1/8"W x 7/8"D

NULB-8 Series

24V Silk SBC LED Light Bar Accessories



Flat Mounting Clip

NAL-801 2 pcs.
Set of two brackets used to mount fixture flush. Two or three brackets are included with each fixture.



0-90° Adjustable Mounting Clip

NAL-809 2 pcs.
Set of two brackets used angle fixture between 0° to 90°. Two or three brackets are included with each fixture.



SILK SBC Angled Mounting Clip

NAL-845
Used to mount fixture at a 45° angle



Adjustable Mounting Clip

NAL-880 2 pcs
Set of two brackets used angle fixture between 0° to 180°.



Power Line Cable with RCA Jack

NAL-808/24W 24"
NAL-808/72W 72"
Used to bring power to fixture through RCA jack.



Power Line Cable w/Open Wire

NAL-810/12W 12"
NAL-810/72W 72"
Used to bring power to fixture through an open wire



Power Line Cable w/ Terminal Block

NAL-812TBW 12"
NAL-872TBW 72"
Used to bring power to fixture through terminal block.



Side Power Line Cable w/ RCA Jack

NAL-807W 12" Right Feed
NAL-807LW 12" Left Feed
NAL-807/72W 72" Right Feed
NAL-807/72LW 72" Left Feed
Used to bring power to fixture through RCA jack at a 90° angle.



Side Power Line Cable w/Open Wire

NAL-811/12W 12" Right Feed
NAL-811/12LW 12" Left Feed
NAL-811/72W 72" Right Feed
NAL-811/72LW 72" Left Feed
Used to bring power to fixture through an open wire at a 90° angle.



In-Line Touch Dimmer Control

NAL-855
Tap "On" for 100%, tap again for 75%, again for 50%, again for 25%, and again for "Off."
No Power failure memory.



In-Line Motion Sensor

NAL-830 2" Interconnection Cable
12" maximum activation distance;
20 seconds auto off; 120° detection zone;
Max load 4A



Interconnection Cable

NAL-802W 2"
NAL-806W 6"
NAL-812W 12"
NAL-824W 24"
NAL-872W 72"
Used to join two fixtures together or to in-line dimmer or motion sensor.



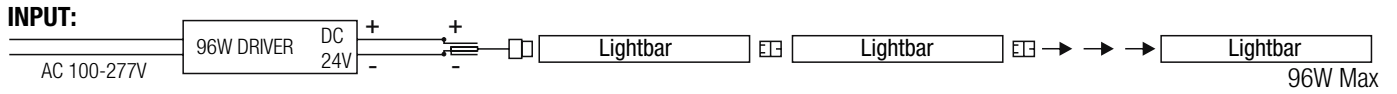
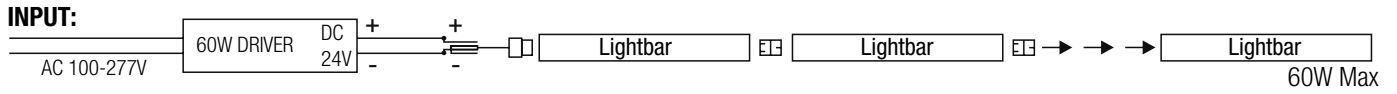
Solid Bus Connector (SBC)

NAL-800
Used to join two fixtures seamlessly together. One included with each fixture.

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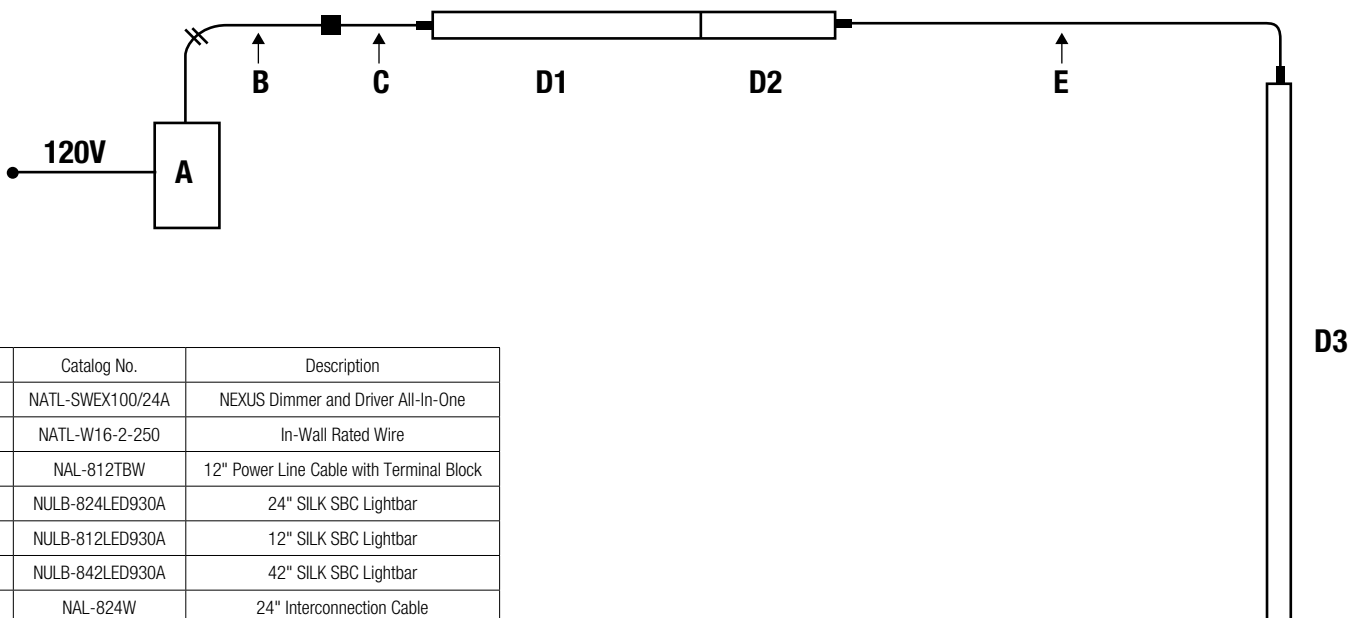
24V Silk SBC LED Light Bar Wiring Diagram and Sample Layout

Wiring Diagram



Please make sure that the total power of the run does not exceed the rating of the driver.

Sample Layout



	Catalog No.	Description
A	NATL-SWEX100/24A	NEXUS Dimmer and Driver All-In-One
B	NATL-W16-2-250	In-Wall Rated Wire
C	NAL-812TBW	12" Power Line Cable with Terminal Block
D1	NULB-824LED930A	24" SILK SBC Lightbar
D2	NULB-812LED930A	12" SILK SBC Lightbar
D3	NULB-842LED930A	42" SILK SBC Lightbar
E	NAL-824W	24" Interconnection Cable