NULB-8 Series

24V Silk SBC LED Lightbar
Source: 5W/ft. LED
350lm/ft.

Type	
Project	
Catalog No.	
Notes	

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 or 4000K @ 90+ CRI
· Five different lengths; 6", 12", 24", 36" and 48"
· Easy installation with flush mount 0º-90º adjustable mounting brackets (included)
· Solid Bus Connector (SBC) included
· Dimmable with dimmable power supply
· Aluminum and Black finish
· Can be connected up to 16' per run

INCLUDED WITH EVERY LIGHTBAR

(1) SBC End-to-End Connector [NAL-800], (2) Flat Mounting Clips [NAL-201], (2) 0º-90º Adjustable Mounting Clips [NAL-809]
Note: 36" and 48" lightbars include three mounting clips each

SPECIFICATION

Construction: Solid aluminum extrusion with flush mounted end caps

Finishes: Natural Aluminum or Black (special order)

ELECTRICAL

Input Voltage: 24V
Lumens / Wattage: **6"** = 175lm / 2.4W; **12"** = 350lm / 4.8W; **24"** = 700lm / 9.6W; **36"** = 1050lm / 14.4W; **48"** = 1400lm / 19.2W
Color Temperature: 2700K, 3000K or 4000K
CRI: 90+ CRI
Operating Temperature: -25ºC to 60ºC
Dimming: Dimmable with Dimmable LED Driver
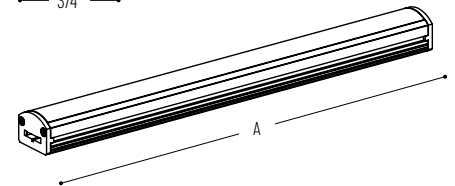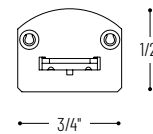**Maximum Run Length:** 16'
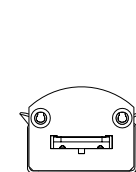**Life Expectancy:** 30,000 hours @ L70

LABELS AND LISTINGS

· cULus Listed for Damp Location
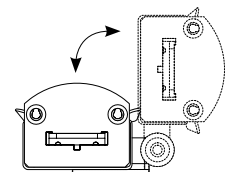· ENERGY STAR certified
· 3-Year Limited Warranty

PRODUCT IMAGES & 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"

Flat Mounting Clips (included)

Adjustable Mounting Clips (included)

24V Silk SBC LED Lightbar

Length / Lumens / Wattage	CCT / CRI	Finish
NULB-806LED = 6" / 175lm / 2.4W	**927** = 2700K / 90 CRI	**A** = Natural Aluminum
NULB-812LED = 12" / 350lm / 4.8W	**930** = 3000K / 90 CRI	**B** = Black (special order only)
NULB-824LED = 24" / 700lm / 9.6W	**940** = 4000K / 90 CRI	
NULB-836LED = 36" / 1050lm / 14.4W		
NULB-848LED = 48" / 1400lm / 19.2W		

Example: **NULB-842LED930A** = 24" Silk SBC LED Lightbar, 3000K / 90 CRI, Natural Aluminum finish

NULB-8 Series
24V Silk SBC LED Lightbar Accessories

Power Line Cable w/RCA Jack

NAL-808/24W	24" Cable
NAL-808/72W	72" Cable

Connects any Lightbar run to a driver through RCA jack.

Power Line Cable w/Open Wire

NAL-810/12W	12" Cable
NAL-810/72W	72" Cable

Connects any Lightbar run to a driver through an open wire.

Power Line Cable w/Terminal Block

NAL-812TBW	12" Cable
NAL-872TBW	72" Cable

Connects any Lightbar run to a driver through a 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

Connects any Lightbar run to a driver through RCA jack at a 90º 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

Connects any Lightbar run to a driver through an open wire at a 90º angle.

Solid Bus Connector (SBC)

NAL-800

Used to join two fixtures seamlessly together. One included with each luminaire.

Interconnection Cable

NAL-802W	2" Cable
NAL-806W	6" Cable
NAL-812W	12" Cable
NAL-824W	24" Cable
NAL-872W	72" Cable

Used to join two fixtures together or to in-line dimmer or motion sensor.

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

12' maximum activation distance; 20 seconds auto off; 120º detection zone; 4A max. load

Flat Mounting Clips

NAL-801   Pack of Two

Set of two brackets used to mount fixture flush. Two or three brackets are included with each luminaire.

0-90º Adjustable Mounting Clips

NAL-809   Pack of Two

Set of two brackets used to angle fixture between 0º to 90º. Two or three brackets are included with each luminaire.

45º Angled Mounting Clips

NAL-845   Pack of Two

Set of two brackets used to mount fixture at 45º.

Adjustable Mounting Clips

NAL-880   Pack of Two

Set of two brackets used to angle fixture between 0º to 180º.

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

Direct Plug-In LED Driver

| NATL-524W | 24V 24W |
| NATL-545W | 24V 45W |

Input Voltage: 120V
Cable Length: 6'

Direct Plug-In LED Driver

| NATL-596W | 24V 96W |

Input Voltage: 120V
Input Wire: 5' Cord and Plug
Output Wire: 44" Power line connector

Class II Hardwire LED Driver

NATL-5030HW	24V 30W
NATL-5060HW	24V 60W
NATL-5100HW	24V 100W

Input Voltage: 120-240V
Dimming: Non-Dimmable
Includes: 10' Power Line Connector

Class II Hardwire LED Driver O-10V Dimming

| NATL-5096-24-HWD10 | 24V 96W |

Input Voltage: 120-277V
Dimming: 0-10V
Includes: 10' Power Line Connector

Class II Hardwire LED Driver ELV Dimming

| NATLED-5040HW | 24V 40W |
| NATLED-5075HW | 24V 75W |

Input Voltage: 120V
Dimming: ELV
Includes: 10' Power Line Connector

Class II Hardwire LED Driver with Breakers, MLV Dimming

| NMT-303/24C2D1 | 3 x 100W |

Input Voltage: 120V
Dimming: Magnetic Low Voltage
Breakers: (3) 100W
Includes: (3) 10' Power Line Connectors

Class II Hardwire LED Driver with Regulator, MLV Dimming

| NMTD-60/24D | 24V 60W |
| NMTD-96/24D | 24V 96W |

Input Voltage: 120-277V
Dimming: Magnetic Low Voltage
Regulator: Integral regulator for constant current and voltage
Includes: 10' Power Line Connector

NEXUS® All-in-One LED Driver and Dimmer

| NATL-SWEX100/24A | 24V 100W |
| NATL-SWEX/3FP | 3 Face Plates |

Input Voltage: 120V
Dimming: Integral Dimmer
Description: Eliminates the driver and allows 120V input and 24V output from a single gang box. 100-5% dimming and on/off switch.

Power Line Connector

| NALTL-10 | 10' Power Line |
| NALTL-30 | 30' Power Line |

For use with Class II drivers. Carries output from driver, requires power line interconnectors.

| NATL-302W | 5" Splitter |

Splits power line connector into two separate leads, requires power line cable.

Touch Dimmer with Memory

| NATL-518W |

72W max., no power fail memory, touch on/off and hold to dim.

DC Plug & Play Motion Sensor

| NAL-856W |

12' Max activation distance; 20 second auto off; 120° detection zone; Max Load 4A.

Low Voltage Splice Box

| NATL-415W |

Use to join low voltage lead to power line connector.

Terminal/Splitter 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 |

16AWG In-Wall Rated Wire

| NATL-W16-2-250 | 16AWG 250' |
| NATL-W16-2-20 | 16AWG 20' |

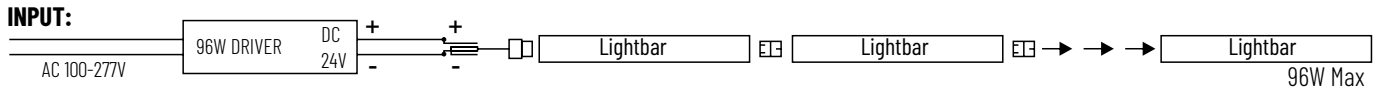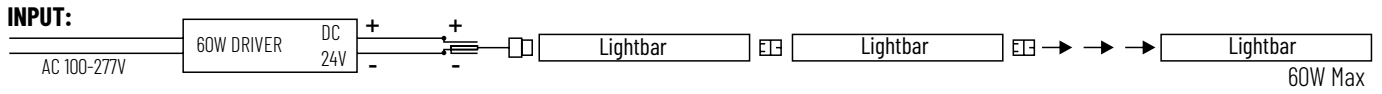16 AWG low voltage Class II two-conductor, in-wall rated wire.

Wire Clip, Plastic - 10pk

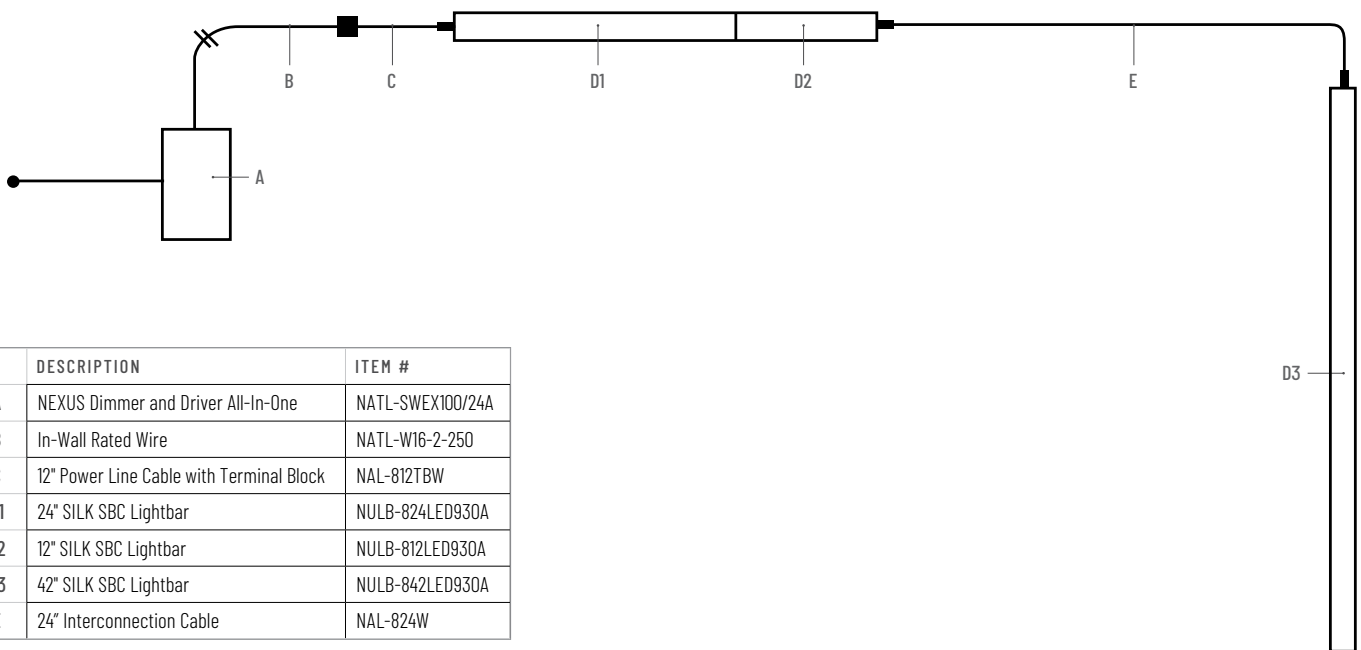| NATL-404W | J-Clip |
| NATL-405W | Over the Wire |
| NATL-406W | Square Clip |

NULB-8 Series
24V Silk SBC LED Lightbar - Sample Layout

INPUT:

AC 100-277V → | 60W DRIVER | DC 24V | + / − → Lightbar → Lightbar → → → Lightbar / 60W Max

INPUT:

AC 100-277V → | 96W DRIVER | DC 24V | + / − → Lightbar → Lightbar → → → Lightbar / 96W Max

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

	DESCRIPTION	ITEM #
A	NEXUS Dimmer and Driver All-In-One	NATL-SWEX100/24A
B	In-Wall Rated Wire	NATL-W16-2-250
C	12" Power Line Cable with Terminal Block	NAL-812TBW
D1	24" SILK SBC Lightbar	NULB-824LED930A
D2	12" SILK SBC Lightbar	NULB-812LED930A
D3	42" SILK SBC Lightbar	NULB-842LED930A
E	24" Interconnection Cable	NAL-824W