NULB Series
Ultra-Low Profile Linear LED Lightbar
Lamp: LED Source

NORALIGHTING®

Type
Project
Catalog No.
Lamp/Wattage

PRODUCT DESCRIPTION
Nora Lighting's low-profile, Title 24 compliant fixtures provide excellent and even illumination on all surfaces. At only 3.3 watts per foot, LightBar is one of the most energy efficient products in the market. Combined with an ultra low-profile housing, five fixture lengths, an assortment of interconnector cables and mounting brackets that install at a variety of angles, Nora's LightBar offers an unprecedented level of contractor friendly installations. LED technology eliminates forward heat from the fixture, also no UV or infrared rays to harm artwork or heat sensitive foods.

FEATURES
- Title 24 Compliant; Up to 50 Lumens per watt
- Up to 8' runs with 30W Driver or 16' runs with 60W Driver
- Available in 3000K & 4200K CCT
- Available in 5 different lengths; 6", 12", 24", 36" & 48"
- Easy installation with adjustable aiming mounting brackets
- Flush end connectors
- Dimmable
- Lightbars and Class II Drivers are rated for -20ºC operation
- 30,000 hours of rated lamp life

SPECIFICATIONS

Lightbar	NULB-6	NULB-12	NULB-24	NULB-36	NULB-48
Input Watts	1.78W	3.56W	7.12W	10.68W	14.24W
Input Current	38mA	75mA	151mA	226mA	302mA
Lumens 3000K	80	161	322	483	644
Lumens 4200K	89	178	356	534	712
Efficacy @ 4200K	50LPW	50LPW	50LPW	50LPW	50LPW
Number of LEDs	6	12	24	36	48

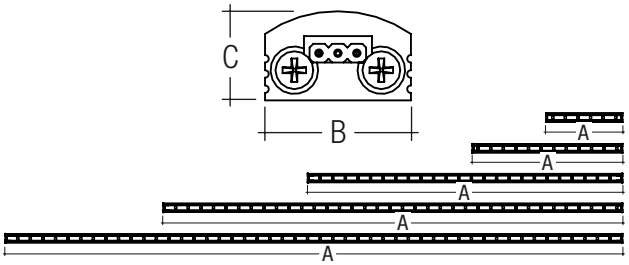
Included with every Lightbar:
(1) LightBar, (2) Flat Mounting Clips* [NAL-201], (2) Angled Mounting Clips* [NAL-245], and (1) End to End Connector [NAL-200]. (* 36" & 48" Lightbars come with 3 mounting clips each).

Housing
Solid aluminum extrusion, flush mounted end caps, and available in 3 different sizes. Available in Natural Aluminum or Bronze.

ELECTRICAL
Drivers
(**NATL-530**) 30W Class 2 LED Driver, 24VDC. Power supply cord is 6' and cord & plug is 2'. For a total of 8' in length. Accomodates up to 8' runs. Requires a power line interconnector.
(**NATL-560**) 60W Class 2 LED Driver, 24VDC. Power supply cord is 6' and cord & plug is 2'. For a total of 8' in length. Accomodates up to 16' runs. Requires a power line interconnector.
(**NATL-524**) 24W Plug-In Driver, 24VDC. The power interconnection cable is 6' in length. Can accomodate up to 7' runs. Requires a power line interconnector.
(**NATL-545**) 45W Plug-In Driver, 24VDC. The power interconnection cable is 6' in length. Can accomodate up to 13' runs. Requires a power line interconnector.
(**NMT-60/24C2**) 60W Class 2 Magnetic Dimmable LED Driver, 24VDC. Includes 10' power line connector. Dimmable with magnetic low voltage dimmer. Requires a power line interconnector.

DIMENSIONS

ACTUAL SIZE



Dimensions	NULB-6	NULB-12	NULB-24	NULB-36	NULB-48
A: Length	6-1/16"	11-3/4"	23-5/8"	35-5/8"	47-5/8"
B: Width	3/4"	3/4"	3/4"	3/4"	3/4"
C: Height	1/2"	1/2"	1/2"	1/2"	1/2"

Source
NULB-6 - 6 LEDs (included)
NULB-12 - 12 LEDs (included)
NULB-24 - 24 LEDs (included)
NULB-38 - 38 LEDs (included)
NULB-48 - 48 LEDs (included)

Finishes
Bronze (anodized) and Natural Aluminum.

Labels and Warranty
ETL Listed for Dry Location
Title 24 Compliant
2 Year Warranty

OPTIONAL ACCESSORIES
Interconnectors

NAL-200	End to End Connector
NAL-202	2" Interconnection Cable
NAL-206	6" Interconnection Cable
NAL-218	18" Interconnection Cable
NAL-238	38" Interconnection Cable
NAL-258	58" Interconnection Cable

Mounting Clips

NAL-201	Flat Mounting Clip (Set of 2)
NAL-245	Angled Mounting Clip (Set of 2)

Power Feed Interconnectors

NAL-207	18" Power Line Interconnector 90º
NAL-207/72	72" Power Line Interconnector 90º
NAL-212	12" Power Line Interconnector w/ Switch

Power Line Connector

NALTL-30	30" Power Line Connector

Others

NAL-220	Mini Coupler
NAL-221	Mini Power Feed Splitter
NAL-250	Dimmer

Create a complete fixture / driver catalog number: Example: NULB-6LED30A / NMT-60/24C2 / NALTL-30

Lightbar - *select one from each column*

Catalog No.	Length	Source	Color Temp.	Finish
NULB	☐ 6 = 6"	☐ LED	☐ 30 = 3000K	☐ A = Natural Aluminum
	☐ 12 = 12"		☐ 42 = 4200K	☐ BZ = Bronze
	☐ 24 = 24"			
	☐ 36 = 36"			
	☐ 48 = 48"			

Drivers

LED Driver
☐ NATL-524
☐ NATL-545
☐ NATL-530
☐ NATL-560
☐ NMT-60/24C2

Optional Accesories

Inter-Connectors	Mounting Clips	Power Feed	Power Line	Others
☐ NAL-200	☐ NAL-201	☐ NAL-207	☐ NALTL-30	☐ NAL-220
☐ NAL-202	☐ NAL-245	☐ NAL-212		☐ NAL-221
☐ NAL-206				☐ NAL-250
☐ NAL-218				
☐ NAL-238				
☐ NAL-258				

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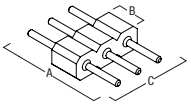
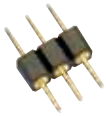
LIGHTBAR ACCESSORIES

NAL-200 - End to End Connector

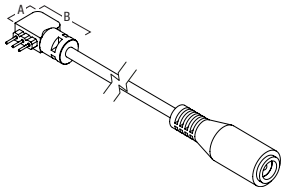




A: Overall Length: 7/16"
B: Insulated Length: 1/8"
C: Insulated Width: 5/16"

Miniature interconnector for seamless end-to-end transitions.
NAL-200 is included with every Lightbar.

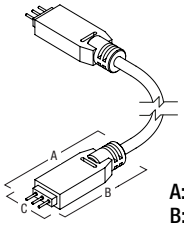
NAL-207 - 18" Power Line Interconnector 90º
NAL-207/72 - 72" Power Line Interconnector 90º



A: Width: 3/8"
B: Length: 7/10"

The right angle, power feed interconnector cable allows for
easy installation in a limited space installation.

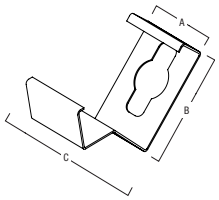
NAL-202 - 2" Interconnection Cable
NAL-206 - 6" Interconnection Cable
NAL-218 - 18" Interconnection Cable
NAL-239 - 38" Interconnection Cable
NAL-258 - 58" Interconnection Cable



A: Connect Length: 1"
B: Insulated Length: 15/16"
C: Insulated Width: 2/5"

The interconnection cables allow for the linking of any 2 Lightbars in any direction.

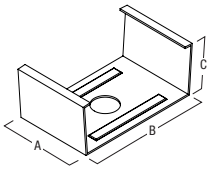
NAL-245 - Angled Mounting Clip (Set of 2)



A: Width: 1/2"
B: Length: 5/8"
C: Height: 11/16"

Adjustable aiming of 45º, 53º and 65º is available with the Angled Mounting Clip.
A set of two or three NAL-245 clips are included with every Lightbar.

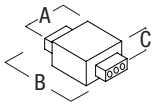
NAL-201 - Flat Mounting Clip (Set of 2)



A: Width: 7/16"
B: Length: 3/4"
C: Height: 5/16"

Adjustable aiming of 0º, 10º and 23º is available with the Flat Mounting Clip.
A set of two or three NAL-201 clips are included with every Lightbar.

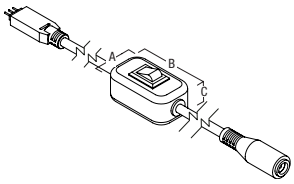
NAL-220 - Mini Coupler



A: Width: 0.4"
B: Length: 0.8"
C: Height: 0.2"

Used to extend interconnection cables and power line interconnectors.

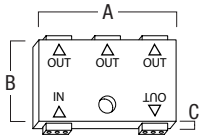
NAL-212 - Power Line Interconnector w/ Switch



A: Width: 3/4"
B: Length: 1-3/8"
C: Height: 5/8"

The 12" straight power feed interconnector cable includes an in-line power switch;
allowing individual switching for any LightBar run.

NAL-221 - Mini Power Feed Splitter



A: Width: 1-1/2"
B: Length: 0.8"
C: Height: 0.2"

Allows one driver to be split into 4 separate runs simultaneously.
Requires one interconnection cable for each Lightbar.

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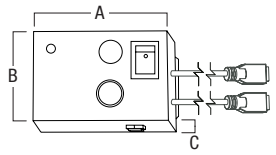
LIGHTBAR ACCESSORIES

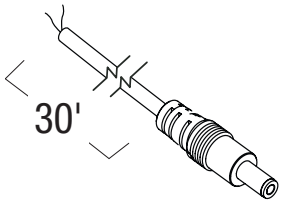
NAL-250 - Dimmer



A: Width: 2"
B: Length: 3-1/2"
C: Height: 1-3/8"

Capable of dimming 2 separate Lightbar runs simultaneously.
3 Modes: Dimming Mode, Auto-fading Mode, and Flashing Mode.
Includes: (1) Dimmer, (2) 6" Interconnection Cables [NAL-206],
(2) End to End Connectors [NAL-201], and 6 mounting screws.

NALTL-30 - 30' Power Line Connector



30' Male connector lead to be used with remote power supply.
To be used with NMT-60/24C2.

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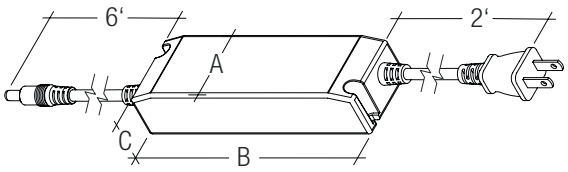
LIGHTBAR DRIVERS

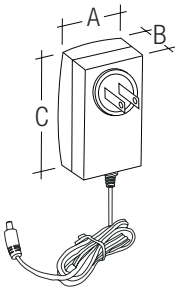
NATL-530 - 30W Class 2 LED Driver
NATL-560 - 30W Class 2 LED Driver



	NATL-530	NATL-560	Run Length	LED Driver
A: Driver Width:	1-3/4"	2-3/8"	8' Run	NATL-530: 30W Driver
B: Driver Length:	5-5/8"	7"	16' Run	NATL-560: 60W Driver
C: Driver Height:	1-1/4"	1-3/8"		

LED Driver's come with an easy connect power cord and requires no additional wiring.
The power supply cord is 6' long and the cord & plug is 2' long.
Requires a power feed interconnector cable.

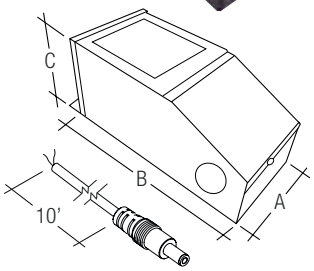
NATL-524 - 24W Direct Plug-In Driver
NATL-545 - 45W Direct Plug-In Driver



		Run Length	LED Driver
A: Driver Width:	1-3/4"		
B: Driver Length:	1-1/2"	7' Run	NATL-524: 24W Driver
C: Driver Height:	3-2/5"	13' Run	NATL-545: 45W Driver

Direct Plug-In Driver allows direct connection to the LED Tape Light.
Includes a 6' power interconnector cable.
Can accommodate runs up to 12'.
Requires a power feed interconnector cable.

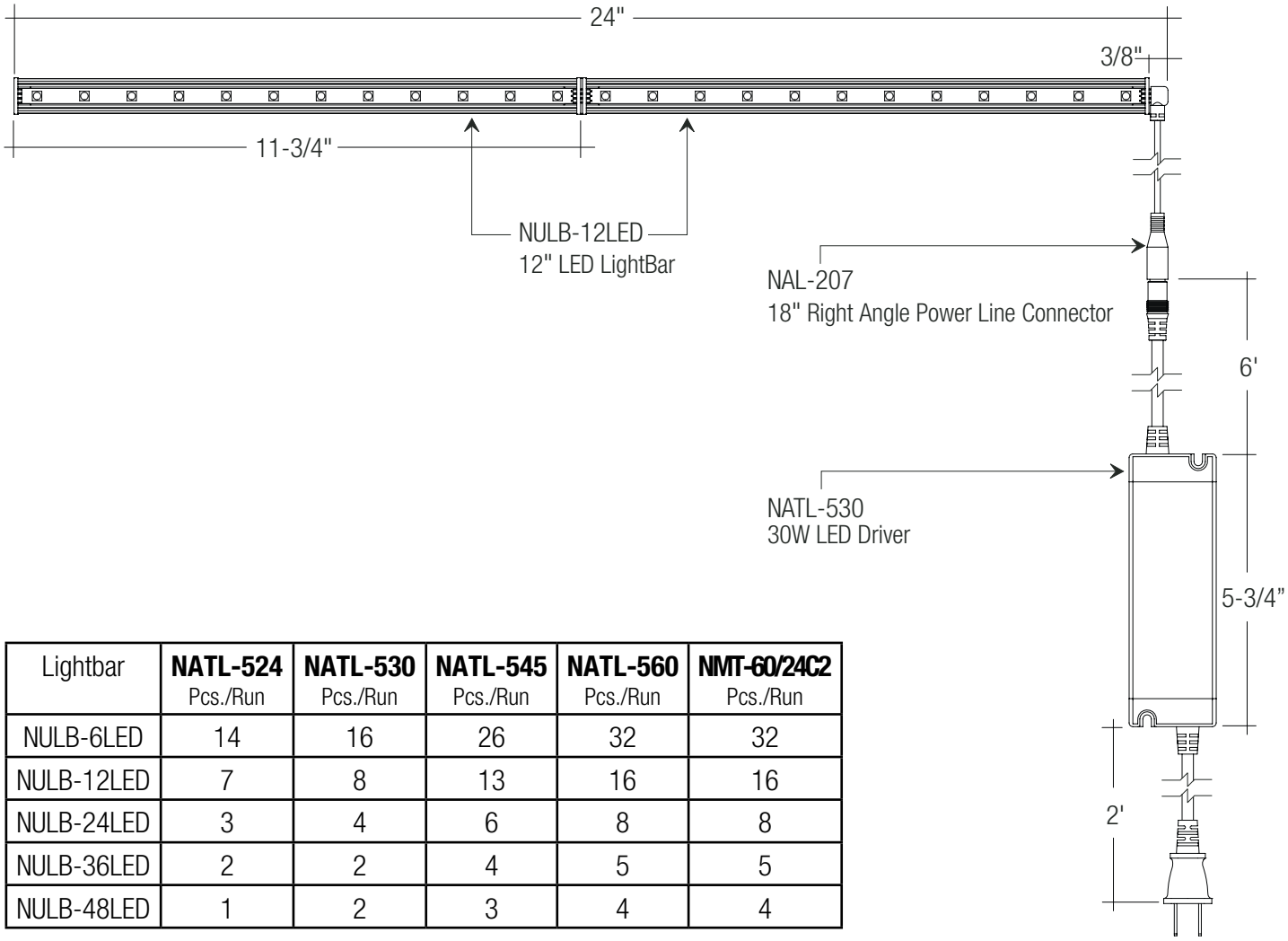
NMT-60/24C2 - 60W Class 2 Magnetic Hardwire LED Driver



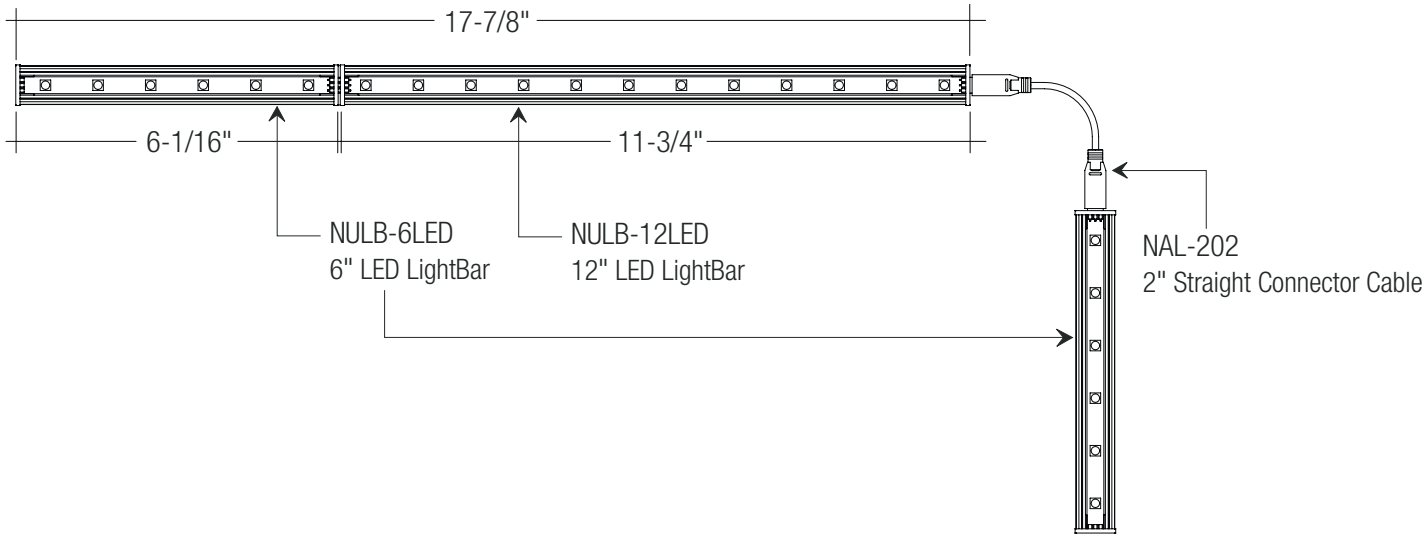
		Run Length
A: Driver Width:	2-1/2"	
B: Driver Length:	6"	16' Run
C: Driver Height:	2-1/4"	

Includes 10' power line connector.
Manual reset thermal circuit-secondary side.
Dimmable with magnetic low voltage dimmer.
For a longer power line connector or additional, use NALTL-30.
Requires a power line interconnector.

SUGGESTED LAYOUT



Lightbar	**NATL-524** Pcs./Run	**NATL-530** Pcs./Run	**NATL-545** Pcs./Run	**NATL-560** Pcs./Run	**NMT-60/24C2** Pcs./Run
NULB-6LED	14	16	26	32	32
NULB-12LED	7	8	13	16	16
NULB-24LED	3	4	6	8	8
NULB-36LED	2	2	4	5	5
NULB-48LED	1	2	3	4	4



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