

GO GREEN!

NORALIGHTING®

NEW PRODUCT ANNOUNCEMENT

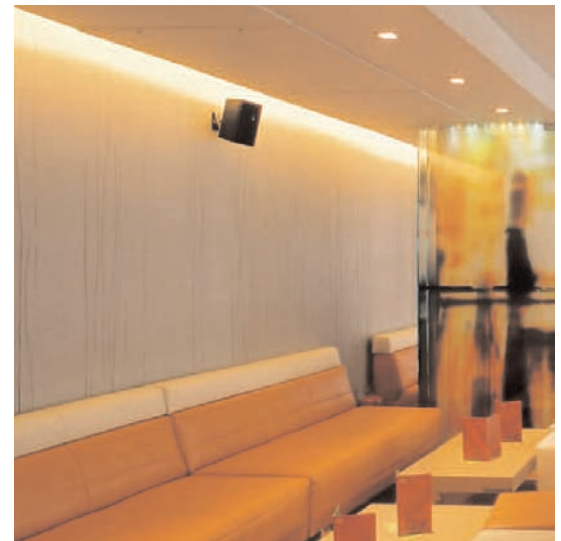
LED LINEAR LIGHTING

LED UNDERCABINET LIGHTBAR 6", 12" & 24"

ULTRA-LOW PROFILE LINEAR LED - COVE & ACCENT LIGHTING

Nora Lighting introduces our new LED Lightbar system for undercabinet, cove lighting and other applications with tight space requirements. These low-profile, Title 24 compliant fixtures provide excellent and even illumination on all surfaces. At only 3.3W per foot, Lightbar is one of the most energy efficient products in the market. Combined with an ultra low-profile housing, three fixture lengths, and an assortment of cable options 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.

Available in
Natural Aluminum & Bronze



FEATURES

TITLE 24 COMPLIANT

Up to 50 Lumens per watt- the most efficient linear LED available at only 3.3 watts per foot!

EXTENDED RUN LENGTH

Up to 8' runs with 30W driver & 16' runs with 60W driver

AVAILABLE IN 3000K & 4200K CCT

Up to 175 lumens per foot!

FULL RANGE OF ACCESSORIES PROVIDES EASY INSTALLATION

See all of our accessories on the next pages

FLUSH END CONNECTORS

Allow for a clean fit end-to-end

LOW PROFILE FIXTURE

3/4" wide by 1/2" deep

LONG LIFE LEDS

NO MERCURY CONTENT

NORALIGHTING

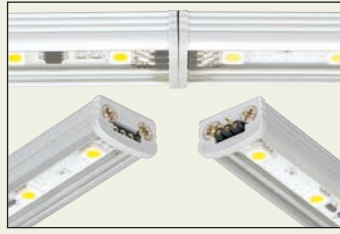
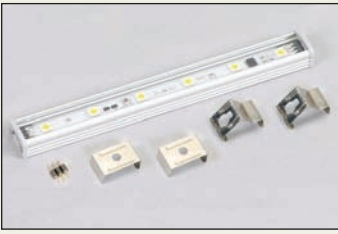
Illuminating the future

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LED LIGHTBAR



Ideal for applications requiring little space and offering unparalleled flexibility, our solid aluminum extrusion housing provides a sturdy encasement for our LED linear system. The flushed end caps create minimal spacing between fixtures. Each installation requires at least one Lightbar and a driver to meet your needs.



Each Lightbar comes with:

- 2 Flat mounting clips
- 2 Angled mounting clips
- 1 End-to-end connector

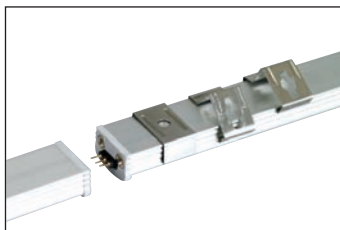
Interconnection Cables

Installation has never been easier, no additional wiring required, just plug in your driver. Our interconnection cables install the Lightbars in any configuration. In-line switching is available for individual switching of Lightbar runs. Our drivers include a 7", 90° power line interconnector for attachment to each Lightbar. A hardwire box is available for permanent, new construction, and remodel applications. Contact factory for further information regarding our hardwire options.



Adjustable Aiming Mounting Brackets

Want to illuminate the beautiful back splash in your kitchen? Our adjustable aiming mounting brackets make it easy to illuminate the surface you desire. Each Lightbar comes with (2) Flat Mounting Clips and (2) Angled Mounting Clips.



PRODUCT MATRIX

Create a complete LED LightBar catalog example: **NULB-12LED30A + NAL-230**

Housing	Size	Source	Color Temp.	Finishes	Driver	Direct Plug-In Driver
NULB	6 = 6"	LED	30=3000K	A=Aluminum	NAL-230	NAL-224
	12 = 12"		42=4200K	BZ=Bronze	NAL-260	
	24 = 24"				Dimmer - Consult factory	
NULB-12LED30AKIT - 8' KIT includes (8) 12" Lightbar, (1) NAL-230 Driver, (1) NAL-207, (1) NAL-202 & Mounting Clips						

ACCESSORIES



End-to-end Connector

Item no. **NAL-200**

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



Flat Mounting Clip

Item no. **NAL-201**

Aiming **0° 10° 23°**

Providing additional adjustable aiming the Flat Mounting Clip increases flexibility during installation. Align the clip into the different grooves in the extruded body of the Lightbar. Two included with each bar.



Angled Mounting Clip

Item no. **NAL-245**

Aiming **45° 53° 65°**

Providing additional adjustable aiming the Angled Mounting Clip increases flexibility during installation. Align the clip into the different grooves in the extruded body of the Lightbar. Two included with each bar.



Interconnection Cable

Item no. **NAL-202 NAL-206 NAL-218**

Length **2" 6" 18"**

The interconnection cable allows for easy linking of any 2 Lightbars in any direction. Available in 3 lengths for all your needs.



Power Line Interconnector 90°

Item no. **NAL-207**

Length **7"**

The 90° power line interconnector cable allows for easy installation in a limited space application. The NAL-207 is included with all drivers.



Power Line Interconnector w/Switch

Item no. **NAL-212**

Length **12"**

To allow individual switching on any Lightbar run, use the NAL-212 power line interconnector with a switch. The NAL-212 would replace the power line interconnector, NAL-207.



Direct Plug-In Driver

Item no. **NAL-224**

Length **6'**

For short installations of 5' or less, use the 24V driver with a 6' power interconnection cable. A 7" right angle power line interconnector cable, NAL-207 is included.



Driver

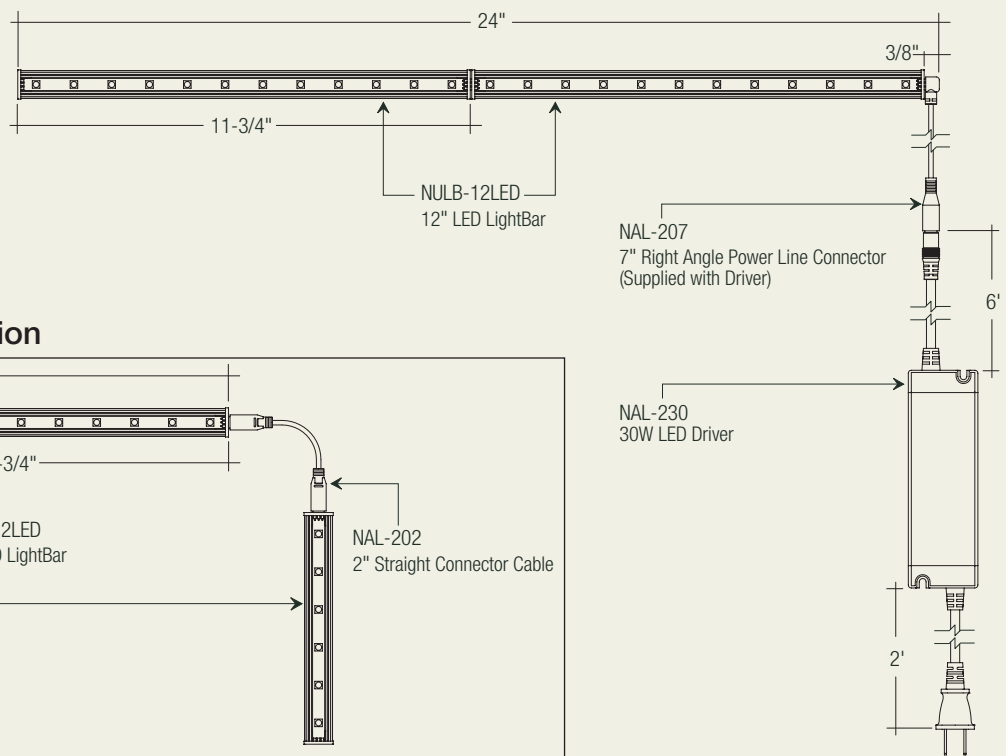
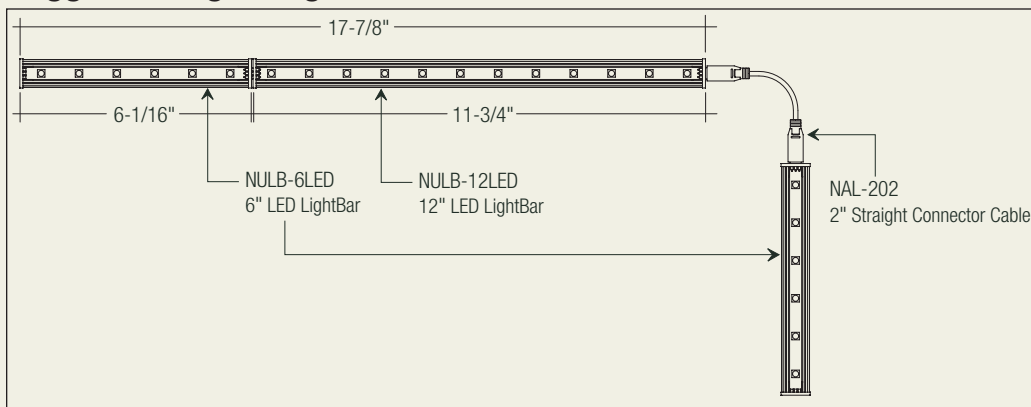
Item no. **NAL-230 NAL-260**

Wattage **30W 60W**

Our Class II 30W & 60W LED drivers come with an easy to connect power cord and requires no additional wiring. A 7" right angle power line interconnector cable is included. Some installations may require a hardwire box, contact factory for further information regarding hardwire options.

SUGGESTED LAYOUT

Suggested Right Angle Installation



LED TAPE LIGHT

Flexible LED Strip - Easily Separable (Every 20")



Nora Lighting continues to provide solutions for your LED linear lighting needs by introducing our LED Tape Light. This energy efficient and very low profile LED tape is great for use in many discreet locations. Only 7/16" wide and 1/8" thick, our flexible LED light is designed to cast no shadows and boasts a desirable seamless glow. Installation is easy as your 5 meter (16.4 feet) rolls are separable every 20", each strip can also be cut every 4". Our durable, silicone encapsulated tape, is rated for Wet Location* applications and is IP65 rated. The energy efficient LED, tape provides 18 LEDs per foot at 1.5W per foot, 24W per roll. Available in warm color temperature of 3000K and 65 lumens per foot.

FEATURES

ENERGY EFFICIENT WET LOCATION LED TAPE

65 Lumens per foot consuming only 1.5W per foot. Wet location ETL Listed and IP65 Rated*.

EASY TO INSTALL

Mount with pre-applied 3M™ adhesive tape or clear acrylic mounting clips, 13 clips supplied with each roll.

AVAILABLE COLORS

3000K Warm White, Red, Blue, Green & Yellow

DIRECT PLUG-IN DRIVER

24W or 45W LED drivers, 24W is for one roll and 45W will run two rolls (up to 33' run), 24V DC

CUTTABLE EVERY 4"

The silicone encapsulated tape can be cut every 4" at marked intervals, cutting does not effect circuit

PRODUCT MATRIX

Create a complete LED Tape light catalog example:
NUTP1-16LED30

Housing	Size	Source	Color
NUTP1	16 = 16.4'	LED	30=3000K G=Green
			R=Red Y=Yellow
			B=Blue
NUTP1-16LED30/PS = Kit with (1) roll & (1) 24W driver			

*End of roll power connections & driver are not wet location listed.

APPLICATIONS

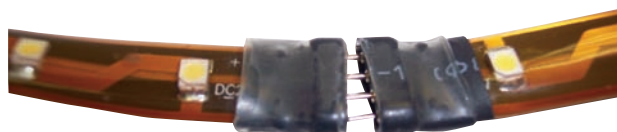
INCLUDE:

- Cove Lighting
- Building facades
- Bars & Lounges
- Displays
- Accent Lighting
- Home Theaters
- Undercabinet Lighting

LED TAPE LIGHT KIT



The **NUTP1-16LED30/PS** comes complete with a 16.4 foot roll and (1) 24W driver; or sold separately



SEPARABLE EVERY 20"

To separate at 20" increments simply slice the clear shrink wrap at every connector location and remove. This eliminates soldering when using partial rolls.



A 9" power line interconnector is attached to the beginning of each roll. Simply plug into the power line interconnector of your driver. No soldering or additional wiring required.

ACCESSORIES



Direct Plug-In Driver

Item no. **NATL-524** **NATL-545**

Wattage **24W** **45W**

24V DC power supply with 6' power line interconnector.

NOTE: Contact factory for hardwire box options.



Power Line Interconnector

Item no. **NATL-509**

Length **9"**

To separate a single roll and install in two different locations.