



DL-FLEX2-LNSB

LED FLEXIBLE NEON LIGHT
LED FLEXIBLE SIDE-BEND NEON LIGHT

Type	
Project	
Catalog No.	



DESCRIPTION

DL-FLEX2-LNSB is JESCO Lighting's state-of-the-art side-bendable flexible LED Neon light. Constant current IC-chips ensure consistent lumen output from the start of the run all the way to the end. Advanced silicone extrusion process during production results in a sleek appearance, high flexibility, high impact resistance and high weather resistance. The tape is field-cutttable with visible cutting marks on the side.



Injection molded end caps and power feed results in IP 65 rating for both indoor and outdoor applications. Dimmable with a variety of dimming options. Multiple surface mounting options available: bracket, mounting clip or aluminum channel. Can be purchased by the foot or by the reel. If purchased by the reel, silicone glue, and caps and power feeds need to be purchased. Multiple wiring methods available: tail-side, edge-side, bottom-side. Sold by the foot or in reels of 30 feet.

SPECIFICATIONS

Input Voltage	24V DC
Beam Angle	120°
Lamp Life	50,000 hours
CRI	80+
Dimensions (per section)	7/16"W x 13/16"H
LEDs (per ft)	36
Operating Temperature *	-20°C - 45°C
Max Run†	30'
Cut Length†	2"
Environment ‡	Dry, Damp, and Wet location IP65
Certifications	US LISTED
Warranty	5 Years – see published warranty terms for detailed information.

* Exceeding the operating temperature values may damage the LEDs by reducing the lifespan, lumen output, and adversely impact color consistency. It is recommended adequate airflow and heatsinking be taken into consideration in the installation and application of this product. Improper thermal management may lead to premature product failure.

† Single runs cannot exceed max run values. Cut length indicates minimum increments.

‡ This product cannot be submersed in water.

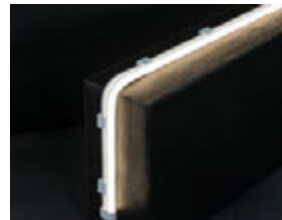
LUMEN DATA

Part Number	Color	Watts (per ft)	Lumens (per ft)	Efficacy (lm/W)
DL-FLEX2-LNSB-2780	2700K	2.74	112.0	40.9
DL-FLEX2-LNSB-3080	3000K	2.74	117.6	42.9
DL-FLEX2-LNSB-3580	3500K	2.74	121.0	44.2
DL-FLEX2-LNSB-4080	4000K	2.74	121.0	44.2
DL-FLEX2-LNSB-5080	5000K	2.74	123.2	45.0
DL-FLEX2-LNSB-6580	6500K	2.74	123.2	45.0
DL-FLEX2-LNSB-R	Red	2.74	33.5	12.2
DL-FLEX2-LNSB-G	Green	2.74	76.2	27.8
DL-FLEX2-LNSB-B	Blue	2.74	18.3	6.7

Contact factory for other color options.

APPLICATIONS

- Outdoor gardens
- Path and contour marking
- Outdoor/indoor display lighting
- Signage
- Accent and edge lighting
- Backlighting





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ORDERING INFORMATION

Ordered by the foot:

MODEL	CCT
DL-FLEX2-LNSB	2780 – 2700K/80CRI 3080 – 3000K/80CRI 3580 – 3500K/80CRI 4080 – 4000K/80CRI 5080 – 5000K/80CRI 6580 – 6500K/80CRI R – Red G – Green B – Blue

Example: DL-FLEX2-LNSB-2780

Note: Termination options for both input and output must be purchased with the fixture

Ordered by the reel:

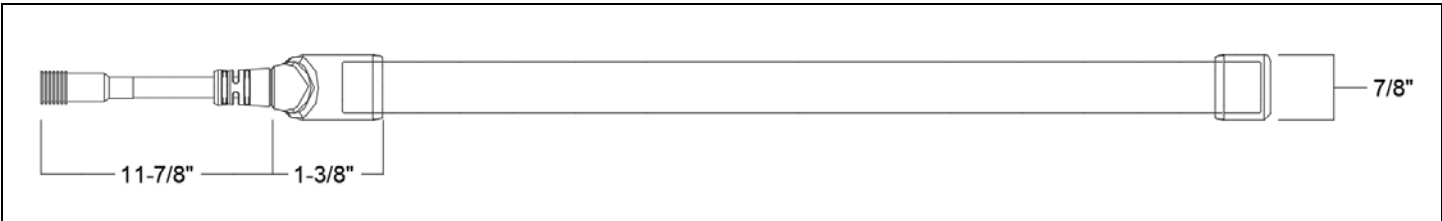
MODEL	CCT	REEL LENGTH
DL-FLEX2-LNSB	2780 – 2700K/80CRI 3080 – 3000K/80CRI 3580 – 3500K/80CRI 4080 – 4000K/80CRI 5080 – 5000K/80CRI 6580 – 6500K/80CRI R – Red G – Green B – Blue	30FT 30FT – 30 Feet

Example: DL-FLEX2-LNSB-2780-30FT

Note: Termination options for both input and output must be purchased with the fixture

DIMENSIONS

DL-FLEX2-LNSB with DL-FLEX2-LNSB-TS-PC-M and DL-FLEX2-LNSB-EC



DL-FLEX2-LNSB with DL-FLEX2-LNSB-ES-PC-M and DL-FLEX2-LNSB-EC



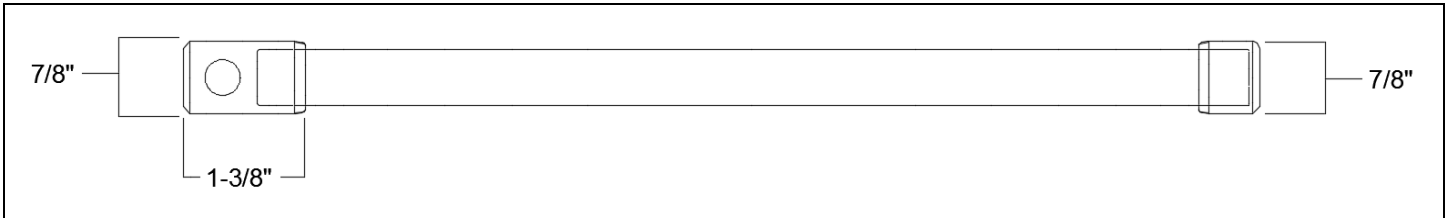


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DL-FLEX2-LNSB with DL-FLEX2-LNSB-BS-PC-M and DL-FLEX2-LNSB-EC



TERMINATION OPTIONS (Termination options for both input and output must be purchased with the fixture)

	Part Number	Description
	DL-FLEX2-LNSB-TS-PC-M	Tail-side male Plug & Play outdoor power connector
	DL-FLEX2-LNSB-ES-PC-M	Edge-side male Plug & Play outdoor power connector
	DL-FLEX2-LNSB-BS-PC-M	Bottom-side male Plug & Play outdoor power connector
	DL-FLEX2-LNSB-EC	DL-FLEX2-LNSB end cap

The Power feed and End cap combined add 5/8" to the length of the tape

MOUNTING OPTIONS

	Part Number	Description
	DL-FLEX2-LNSB-BR	Mounting Bracket
	DL-FLEX2-LNSB-MC	Mounting Clip
	DL-FLEX2-LNSB-CH4	4' Aluminum Channel






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ACCESSORIES

	Part Number	Description
	DL-FLEX2-LNSB-EXT12-HW-F DL-FLEX2-LNSB-EXT48-HW-F DL-FLEX2-LNSB-EXT96-HW-F	Female Cable to Hardwire Power Supply in 12", 48 & 96"
	DL-FLEX2-LNSB-IC	Inline Connector
	SEALANT	10ml tube of Non-acidic Sealing Agent

DIMMING OPTIONS

DS-DV-TV-WH	Wall-Plate Dimmer
LC-DIM5A	0-10V Plug & Play Dimmer
LC-DIM5A-HW	0-10V Hardwire Dimmer
LC-DIM01-HW	0-10V Hardwire Dimming Interface
LC-DIM100-RF	Plug & Play Remote Step Dimmer
LC-DIM100-RF-HW	Hardwire Remote Step Dimmer
LC-200-RPT	Power Repeater
LC-DIM200-RF-HW	Simple Hand-held Radio Frequency Dimmer Controller
LC-RF-400H-DIM	Hand-held Radio Frequency Dimmer Controller
LC-RF-400W-DIM	Wall Mounted Radio Frequency Dimmer Controller
LC-RF-402W-DIM	Wall Mounted Dual Radio Frequency Dimmer Controller
LC-RF-400-RCV	Radio Frequency Receiver

See our complete line of remote, wall mounted and hand-held [DIMMING OPTIONS](#) online for more information.





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POWER SUPPLIES – See Specification Sheets for more information.

24V Hard-Wire Power Supplies UL Listed	
Model Number	Wattage
DL-PS-20/24-HWA	20
DL-PS-60/24-HWA	60
DL-PS-96/24-HWA	96

24V Hard-Wire Power Supplies in Junction Box UL Listed (with Junction Box)	
Model Number	Wattage
DL-PS-20/24-JBA	20
DL-PS-60/24-JBA	60
DL-PS-96/24-JBA	96

24V Hard-Wire Outdoor Power Supplies UL Listed (with Junction Box)	
Model Number	Wattage
DL-PS-80/24-JB-OD	80
DL-PS-96/24-JB-OD	96

24V Plug and Play Power Supplies UL Listed	
Model Number	Wattage
DL-PS-WP24/24	24
DL-PS-24/24	24
DL-PS-48/24	48
DL-PS-60/24	60
DL-PS-100/24	90
DL-PS-100/24-CL2 *	96

* Class 2

24V Hard-Wire Dimmable Power Supplies UL Listed	
Model Number	Wattage
DL-PS-40/24-HW-DIM*	40
DL-PS-60/24-HW-DIM*	60
DL-PS-100/24-HW-DIM*	96

*Min. 8W load required for proper dimming

24V Hard-Wire Dimmable Power Supplies in Junction Box UL Listed (with Junction Box)	
Model Number	Wattage
DL-PS-40/24-JB-DIM*	40
DL-PS-60/24-JB-DIM*	60
DL-PS-100/24-JB-DIM*	96

*Min. 8W load required for proper dimming



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Specifications subject to change without notice.



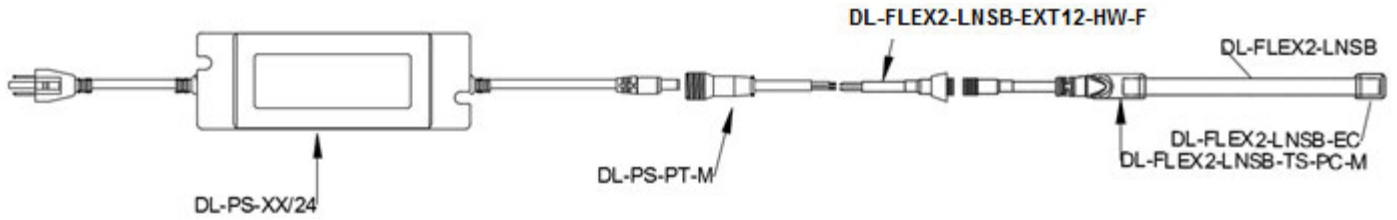
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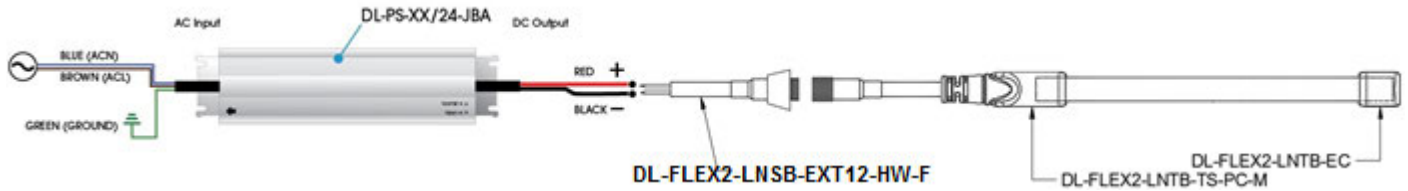
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WIRING DIAGRAMS

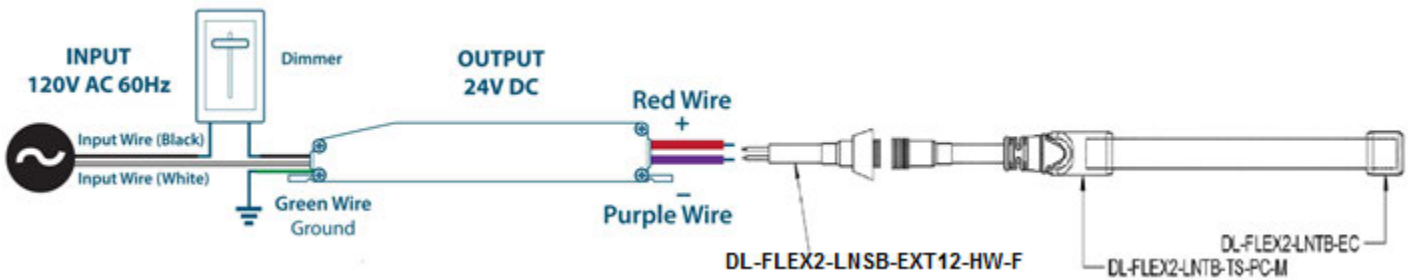
PLUG AND PLAY



HARDWIRE



Dimming Option – TRI-AC (Using our DL-PS-XX/24-JB-DIM or DL-PS-XX/24/HW-DIM drivers). Minimum 8W load is required





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Dimming Option – 0-10V (Using our LC-DIM-5A Dimming Module)

