



Display Supply & Lighting, Inc.

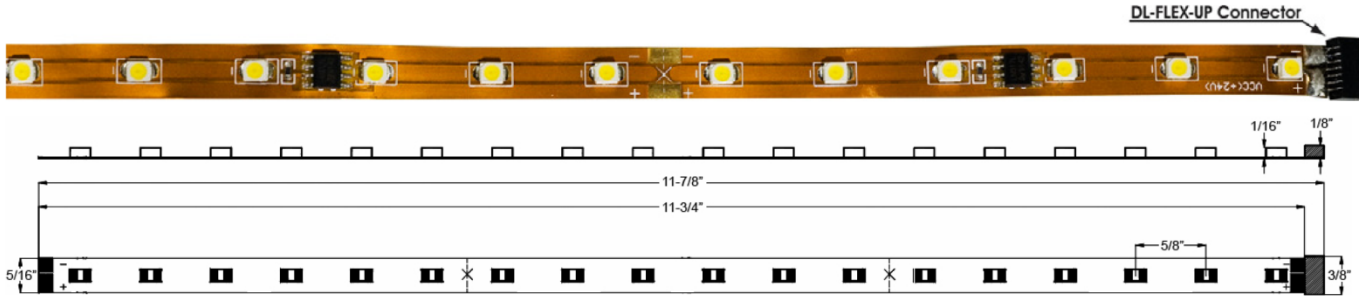
1247 Norwood Avenue, Itasca, IL 60143

(800) 468-1488

www.dslgroup.com

## LED FLEXIBLE LINEAR TAPE DL-FLEX-UPHO STATIC SERIES

### DL-FLEX-UPHO



#### DESCRIPTION

**DL-FLEX-UPHO** uses High Output LEDs for maximum brightness. This professional modular lighting system features a wide range of plug-together accessories and a variety of control options. This unique feature eliminates the need for field soldering; providing easy and simple installations. Made of highly flexible material that can be applied to most accessible surfaces using 3M double sided tape.

#### FEATURES

- Low power consumption, low heat.
- Optional aluminum mounting channel with clear and diffused lens covers that snap into the channel without tools.
- No ultra violet (UV/IR) radiation. No mercury.
- For a 90° bends or tighter, do so at the cutting mark.
- To make a 90° joint connection use the DL-FLEX-XCONN connector, which can be trimmed for 2-way L connection or 3-way T connection.

#### APPLICATIONS

- Cove and soffit lighting
- Path and contour marking
- Display lighting
- Under-shelf and under-cabinet lighting
- Accent and edge lighting
- Backlighting
- Signage

#### SPECIFICATIONS

Model	DL-FLEX-UPHO-30	DL-FLEX-UPHO-40	DL-FLEX-UPHO-60
Color Temp.	3000-3300K	4000-4300K	6000-6500K
Watts/Ft	3W	3W	3W
Lumens/Ft	100 lm	110 lm	120 lm
Efficacy lumens/watt	38.5	42.3	46.2
CRI	80	75	70

120° beam angle; Input Voltage 24V DC; Lamp Life 50,000 hours;  
 Dimensions – 11' 7/8" L x 3/8" W x 1/8" H per section (uncut)  
 18 LEDs per foot; 5/8" LED Spacing; Operating Temperature -22° F – 185° F  
 Max Run 20' (see wiring diagram for longer runs)  
 Min Run 6 LEDs approx. 4" (see cut markings)  
 2 wire; Mounting – adhesive, clip, or channel; Indoor & Dry location use only  
 UL Listed – 5 Year Limited Warranty (see warranty for details)



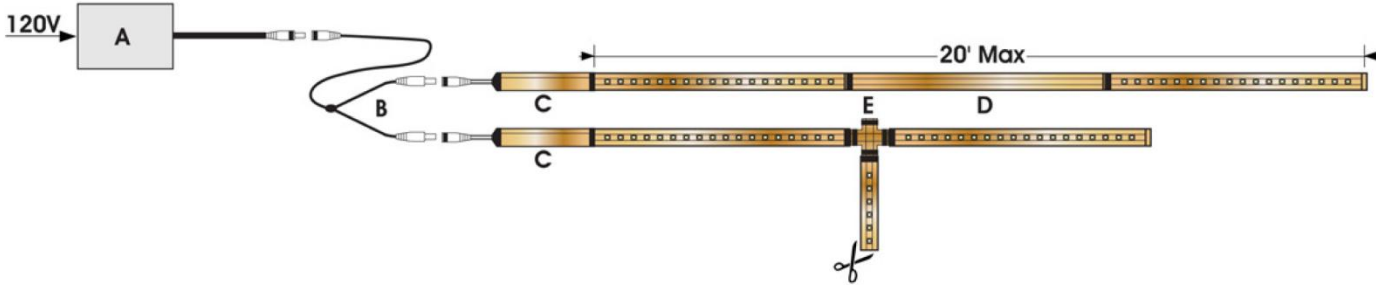
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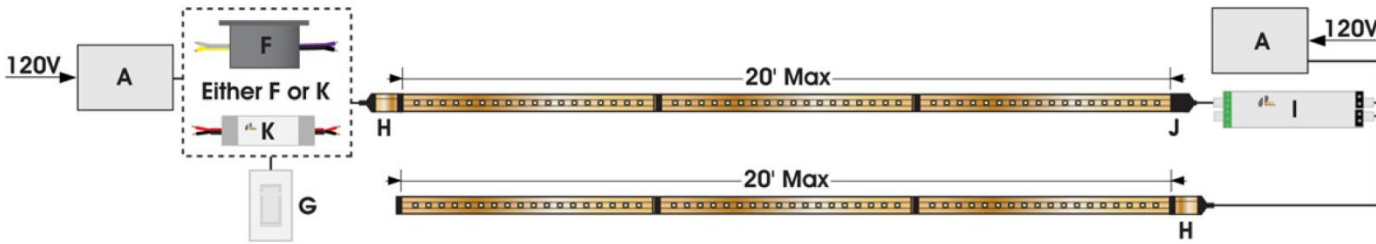
**LED FLEXIBLE LINEAR TAPE DL-FLEX-UP STATIC SERIES**

**DL-FLEX-UP – wiring diagrams**

**MULTIPLE RUN - PLUG & PLAY CONNECTION**



**EXTENDED SINGLE RUN - DIMMABLE HARD-WIRE CONNECTION**



- A. DL-PS-XX/24
- B. DL-PS-2Y
- C. DL-FLEX-PC
- D. DL-FLEX-CCXX
- E. DL-FLEX-X-CONN
- F. LC-DIM5A-HW (Requires DL-PS-DV-TV)
- G. DL-PS-DV-TV (For use with LC-DIM5A-HW)
- H. DL-FLEX-PC-HW
- I. LC-200-RPT
- J. DL-FLEX-PT-HW
- K. LC-DIM100-RF (Does not require DL-PS-DV-TV)

**PHOTOMETRIC DATA**

DL-FLEX-UPHO-30			
	Height	Fc	Area
	12"	44	17"L x 16"W
	18"	19.8	25"L x 22 1/2"W
	24"	11.2	32"L x 31"W

DL-FLEX-UPHO-40			
	Height	Fc	Area
	12"	53.7	18"L x 15"W
	18"	24.4	24"L x 23"W
	24"	13.8	32"L x 30 1/2"W

DL-FLEX-UPHO-60			
	Height	Fc	Area
	12"	61.5	18"L x 16 1/2"W
	18"	28.3	25"L x 23"W
	24"	16.2	32 1/2"L x 29 1/2"W



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## LED FLEXIBLE LINEAR TAPE DL-FLEX-UP SERIES

### DL-FLEX-UP – specifications

#### Power Supply Guide for Maximum Runs

If the Max Load of a power supply exceeds the fixture's Max Run, then you may install multiple runs per given power supply.

**Wattage** = Max power capacity of power supply: **Max Load** = Fixture quantity a power supply can power: **Max Run** = Max length of a single fixture

Hard Wire Power Supplies (junction box included)		DL-FLEX-UP DL-FLEX-W white, green, blue 1.4 watt/foot		DL-FLEX-UP DL-FLEX-W red, yellow 0.9 watt/foot		DL-FLEX-UPHO DL-FLEX-WH 3 watt/foot		DL-FLEX-UP-RGB DL-FLEX-W-RGB 3.2 watt/foot	
Model Number	Wattage	Max Run	Max Load	Max Run	Max Load	Max Run	Max Load	Max Run	Max Load
DL-PS-20/24-JB	20	30'	14.3'	30'	22.2'	20'	6.7'	20'	6.3'
DL-PS-60/24-JB	60	30'	42.9'	30'	66.7'	20'	20'	20'	18.8'
DL-PS-100/24-JB	96	30'	68.6'	30'	106.7'	20'	32'	20'	30'
DL-PS-150/24-JB	150	30'	107.1'	30'	166.7'	20'	50'	20'	46.9'
DL-PS-320/24-JB	312	30'	222.9'	30'	346.7'	20'	104'	20'	97.5'
DL-PS-120/24-JB	2 x 60*	30'	2 x 42.9'	30'	2 x 66.7'	20'	2 x 20'	20'	2 x 18.8'
DL-PS-180/24-JB	3 x 60*	30'	3 x 42.9'	30'	3 x 66.7'	20'	3 x 20'	20'	3 x 18.8'
DL-PS-200/24-JB	2 x 96*	30'	2 x 68.6'	30'	2 x 106.7'	20'	2 x 32'	20'	2 x 30'
DL-PS-25/24-DIM-JB+	25	30'	17.9'	30'	27.8'	20'	8.3'	N/A	N/A

\* Consists of multiple power supplies

+ Hybrid power supply with dimming capability. Dimming requires 0 – 10V dimmer (DVTV)

Plug and Play Power Supplies		DL-FLEX-UP DL-FLEX-W white, green, blue 1.4 watt/foot		DL-FLEX-UP DL-FLEX-W red, yellow 0.9 watt/foot		DL-FLEX-UPHO DL-FLEX-WH 3 watt/foot		DL-FLEX-UP-RGB DL-FLEX-W-RGB 3.2 watt/foot	
Model Number	Wattage	Max Run	Max Load	Max Run	Max Load	Max Run	Max Load	Max Run	Max Load
DL-PS-WP24/ 24	24	30'	17.1'	30'	26.7'	20'	8'	20'	7.5'
DL-PS-24/24	24	30'	17.1'	30'	26.7'	20'	8'	20'	7.5'
DL-PS-48/24	48	30'	34.3'	30'	53.3'	20'	16'	20'	15'
DL-PS-60/24	60	30'	42.9'	30'	66.7'	20'	20'	20'	18.8'
DL-PS-90/24	90	30'	64.3'	30'	100'	20'	30'	20'	28.1'

#### Dimmers

LC-DIM5A Plug & play dimmer; built in 0-10V dimming control

LC-DIM5A-HW Hard wire dimmer; requires separate 0-10V dimmer (see DL-PS-DV-TV)

DL-PS-DV-TV Wall plate dimmer; used with LC-DIM5A – HW or DL-PS-25/24-DIM

LC-DIM100-RF Plug & Play Remote Dimmer (step dimming)

#### Amplifiers

LC-200-RPT Power repeater used for extending runs (compatible with dimmers)