

FLEXFORM 12V

Jacketed FlexForm Tape Light with high output 5050 LEDs, two color temperatures and two LED spacings combines performance with versatility for indoor and outdoor use.

Performance

- High output tri-chip 5050 SMD LEDs are spaced every 1.3" for TL-30 and 0.66" for TL-60
- Available in 32.8ft kits and 98.4ft reels, in 3000K (Warm White) and 5000K (Bright White) with 84+ CRI
- 5050 SMDs with tri-chip construction emit up to 194 lumens per foot
- Compatible with dimming and non-dimming drivers depending upon the application

Construction

- Flexible copper with 3M® adhesive strip for secure hold
- Cut marks at each 3.94" (TL-30) or 1.97" (TL-60) indicate series parallel intervals
- Plastic reels provide convenient storage (keep reel in anti-static sleeve for LED longevity)

Installation

- For outdoor use, make sure all connections are sealed with silicone and shrink tube and drivers are housed in weatherproof enclosures (ELV-60J and ELV-80J may be used outdoors if mounted at least 1" above the ground)
- PWM dimmer must have 12V DC input (not line voltage)
- ELV dimming drivers are compatible with most triac, ELV and ELM dimmers with 10-100% light control
- Select dimming driver based on total load:
ELV-30-12 for 18-27W connected load
ELV-45-12 for 27-42W connected load
ELV-60J-12 for 36-57W connected load
ELV-80J-12 for 48-72W connected load
- Multiple extrusions are available for use in surface mount and recessed applications



Specifications

Series	TL-30 / TL-60
Input voltage	12V DC
Color temperature	3000K and 5000K
CRI	84+
Wattage	1.6W per ft / 3.1W per ft
Lumens	See individual product
Maximum run	16.4ft
Beam angle	120°
Dimming	AL-PWM-6A, ELV drivers
Material	Copper strip, 3M® adhesive tape
Cuttability	6.56" (TL-30) / 3.94" (TL-60)
Rating	IP65 (connections must be sealed)
Dimensions	3/8"W x 3/32"H x reel length
Switching	Hardwire or plug-in
Mounting	Attached 3M® tape
LED type	5050 SMD LEDs
Rated life	50,000 hrs

Photos are representational and actual color may vary

Bright White (5000K)

Warm White (3000K)



FlexForm 12V 16.4ft Kits

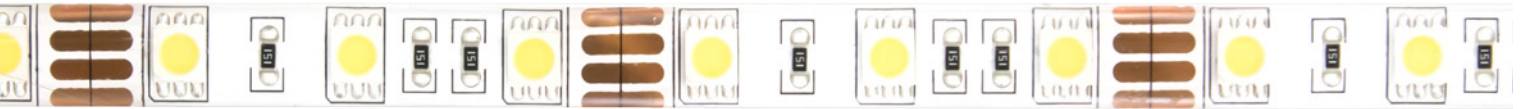


TL-30-WH

12V FlexForm - 5000K
1.6W per ft / 97Lm per ft
30 LEDs per 3.28ft

TL-30-WW

12V FlexForm - 3000K
1.6W per ft / 74Lm per ft
30 LEDs per 3.28ft



TL-60-WH

12V FlexForm - 5000K
3.1W per ft / 194Lm per ft
60 LEDs per 3.28ft

TL-60-WW

12V FlexForm - 3000K
3.1W per ft / 148Lm per ft
60 LEDs per 3.28ft

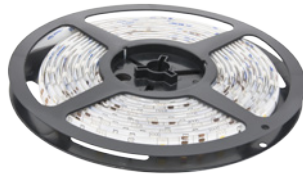
Each kit includes: (1) 16.4ft reel of LED FlexForm, (3) 36" power connectors for plug-in drivers, (3) 36" adaptor cables for hardwire applications and (16) mounting clips

FlexForm 12V 98.4ft Bulk Reels



TL-30-WH-100

12V FlexForm - 5000K
1.6W per ft / 97Lm per ft
30 LEDs per 3.28ft



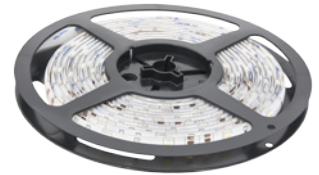
TL-30-WW-100

12V FlexForm - 3000K
1.6W per ft / 74Lm per ft
30 LEDs per 3.28ft



TL-60-WH-100

12V FlexForm - 5000K
3.1W per ft / 194Lm per ft
60 LEDs per 3.28ft



TL-60-WW-100

12V FlexForm - 3000K
3.1W per ft / 148Lm per ft
60 LEDs per 3.28ft

FlexForm 12V Accessories



PS-36-12VPI 1-36W
PS-60-12VPI 1-60W
PS-96-12VPI 1-96W
Plug-in power supply



LED-DR30-12 30W
LED-DR60-12 60W
LED-DR100-12 100W
LED-DR150-12 150W
Hardwire power supply



AL-PWM-6A
PWM dimmer, 6A capacity for use with LED-DR drivers



TL-CONKIT-NP
Power connector kit
36" DC lead wire with DC jack adaptor and 36" hardwire lead



RCA-Y
12" "Y" extension
RCA-EX24
24" power extension



ELV-30-12 1-30W driver
ELV-45-12 1-45W driver
Class 2 dimming hardwire driver, 60% minimum load
Dimming consumes ±3W internally



ELV-60J-12 1-60W driver
ELV-80J-12 1-80W driver
Class 2 dimming hardwire driver w/junction box, 60% minimum load; Dimming consumes ±3W internally



TL-JUMP.5 6"
TL-JUMP1 12"
TL-JUMP2 24"
Jumper cables



TL-SPL
Inline splice connectors (bag of 5)



TL-L
"L" connectors (bag of 3)

TL-T
"T" connectors (bag of 2)



TL-CLIPS
Mounting clips with screws (bag of 16)