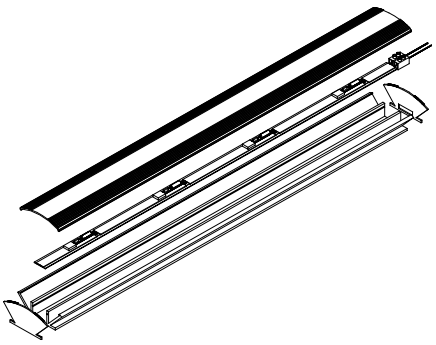

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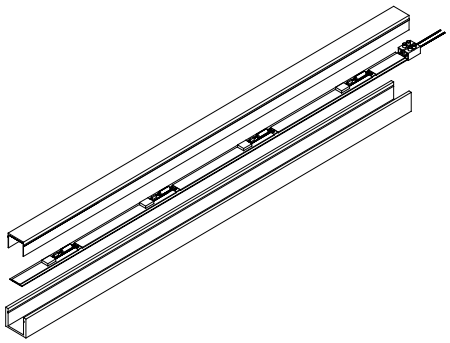

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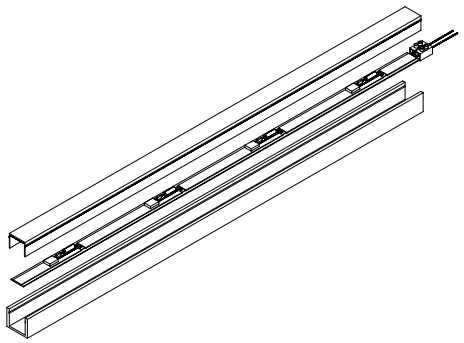

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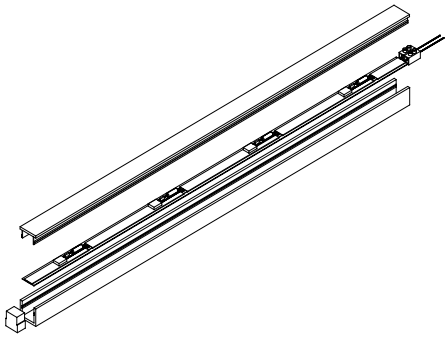

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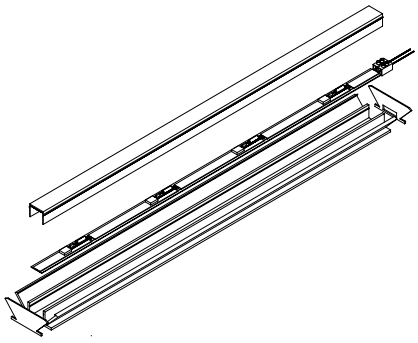

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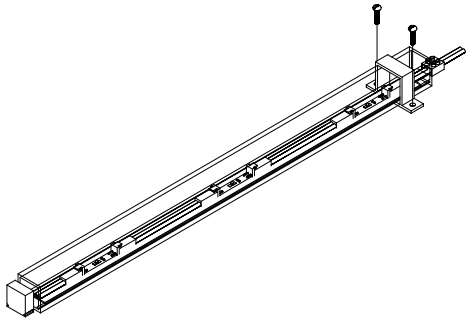

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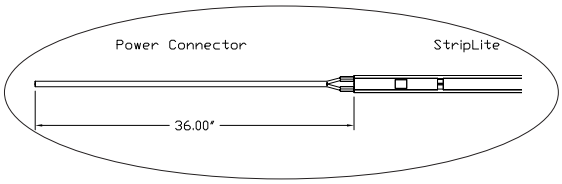

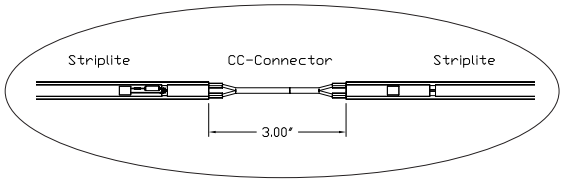

Product Information:

1. Lighting for pathway, steps, coves, undercabinet, accent
2. 12 Volts for Easy and Safe Installation
3. Choose Incandescent or LEDs
4. 1" to 12" Spacing Available
5. Extrusion shipped in 8' lengths, StripLite in maximum of 75' lengths (Field Cuttable)
6. Can be ordered to specific lengths for easier installation when exact dimensions are known. Example: 3 x 30'6"
7. Easy Lamp or LED replacement. Plug and Light System
8. Product is Field Cuttable
9. Lead Wires are 36" long and exit on one end. Consult factory for other lengths.

Installation Recommendations:

1. LipLite can be screwed to sheetrock, concrete or wood using proper mounting screws. LipLite is suitable for indoor (dry) or outdoor (wet) location.
2. Conduit raceway should be sleeved at one end for low voltage wires going to transformer.
3. Provide run lengths at time of order. This will alleviate any field cutting or modifications when measurements are provided.

Electrical

LipLite requires a low voltage Transformer.

Transformer (Driver/Power Supply):

1. To calculate transformers size find lamp or LED wattage. Example: LED-BY is .45 Watts Each
2. Determine Lamps Spacing and lamps per foot. Example: 2" on center, divide 12" by 2" = 6 Lamps per foot
3. Determine Length in Feet. Example: 10'
4. Calculate Load: Multiply lamp or LED wattage x lamps Per Foot x Length in Feet. Example: .45 W x 6 lamps x 10'=27W
5. Choose Transformer from Catalog. Example: TRA150
6. Determine Maximum Distance using Maximum Wire Length Table Example: 27 Watts go to next wattage in table which is 40W. Using # 14 wire maximum distance is 75' from Transformer to first lamp or LED.

Installation Tools Required

1. Electric Compound Miter Saw
2. 14.4 to 28 Volt Cordless Drills
3. Adhesive - Consult Factory
4. Clear Silicone
5. Utility Knife
6. Safety Glasses
7. Marker
8. Electric Hammer Drills (optional)
9. Wire Strippers & Long Nose Pliers
10. Philips Bits - Sufficient Quantity
11. Drill Bits - Concrete or Wood
12. Electrical Cords
13. Measuring Tape
14. Chalk Line

2034 E. Lincoln Ave. # 431• Anaheim, CA 92806
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Web site: www.calilighting.com • E-mail: info@calilighting.com

California Accent Lighting, Inc.

LipLite Installation Instructions

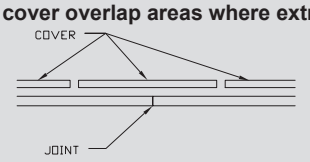
Read Instructions Entirely Before Starting Installation:

1. **Read and follow all safety instructions listed below.**
2. **Do not cover LipLite as the covering may cause it to overheat, melt, and even ignite.**
3. **Do not use LipLite if damaged, such as, broken outer jacket, loose connections, or frayed wire insulation. Inspect periodically.**
4. **Do not secure LipLite with staples, nails, or like means that might damage the insulation. Secure it by using proper mounting screws for surface.**
5. **Do not submerge LipLite in liquid.**
6. **Do not install LipLite on places where it is subject to continuous flexing.**
7. **Do not mount LipLite inside tanks, or enclosures of any kind.**
8. **Surge protector is recommended for electrical power system to avoid damaging LipLite lighting system.**

WARNING: When using LipLite for any application, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injuries. LipLite must be installed in accordance with the NEC or CEC as applicable. Do not install LipLite in hazardous locations or closer than 6" from any curtain or similar combustible material.

Read Installation Instructions Entirely Before Starting Installation:

1. **VERY IMPORTANT: VERIFY CORRECT PRODUCT WAS RECEIVED WITH CORRECT COLOR TEMPERATURE AND VOLTAGE BEFORE CUTTING OR INSTALLING. CALI WILL NOT BE RESPONSIBLE IF INCORRECT PRODUCT IS INSTALLED.**
2. **A junction box or feed point should be located as close as possible to the beginning of a LipLite run.**
3. **Measure area where LipLite will be mounted and snap/mark with chalk line. Measure length of chalk line where lighting will be located to determine quantity of lens and extrusions or tube (LPL8800 or LPL8800-R), and length of StripLite.**
4. **Using a miter saw, cut extrusion and lens (assembled without StripLite) or tube (without StripLite) to proper length. Extrusion and lens and tube are shipped in 8' sections. Unassemble extrusion and lens after cutting.**
5. **Secure LipLite extrusion along chalk line using proper mounting screws for surface (drywall, wood, concrete, etc). Follow manufacturer's recommended installation instructions for mounting screws. Pre-drilling holes in extrusion is recommended.**
6. **Cut StripLite to proper length using wire strippers/cutters, diagonal cutters, or electrician scissors. With utility knife, strip 1/4" of top insulation to expose two flat copper wires. With long nose pliers, twist both flat copper wires 90 degrees and install power connector.**
7. **Test StripLite to ensure all LEDs operate. Check for polarity (+ -) if LEDs do not turn on.**
8. **Lay StripLite in LipLite channel of extrusion/base or slide in tube. For wet location, seal both ends using silicone for LPL8800 or LPL8800-R after StripLite is installed.**
9. **Install lens cover that was pre cut in step 4. When installing lens cover, it is recommended the lens cover overlap areas where extrusion base is butted together**



NOTE: OVERLAP COVER TO INSURE STRAIGHT RUNS.

10. **Connect power source to power connector in junction box. (LEDs have polarity (+ -), if LEDs do not turn on, switch the wires to fix polarity)**

Warning: Do not exceed maximum lamps per circuit. See maximum run table for additional information.

Product Features

Applications: Accent Lighting
Voltage: 12V
Socket Base: Custom Socket
Length: Built to Order
Finish: Black PVC
Feed: Standard 36" Leads

Maximum Run Table

Lamp #	Description	Max. Lamps
LED-WW	Warm White LED	200
LED-CW	Cool White LED	200
LED-A	Amber LED	200
LED-R	Red LED	200
LED-G	Green LED	200
LED-B	Blue LED	200
IN-A	.33 Watt Incandescent	250
IN-B	.86 Watt Incandescent	105

Percent Light Output Table

Wire Size	Dist. From Trans.	50 VA	100 VA	150 VA	200 VA	250 VA	300 VA
12GA	20'	99	98	97	95	94	89
	40'	98	95	89	83	80	79
	60'	97	89	82	82	72	70
	80'	95	83	79	71	63	56
	100'	90	80	73	63	54	52
	160'	83	71	56	45	35	26
10GA	20'	99	99	98	97	96	92
	40'	99	97	92	91	88	84
	60'	98	92	89	84	81	80
	80'	98	91	84	80	78	73
	100'	97	88	81	78	72	65
	160'	90	80	73	63	55	51
	200'	88	78	65	55	45	40
8GA	20'	99	99	99	99	98	98
	40'	99	98	98	98	97	97
	60'	99	98	98	97	89	88
	80'	99	99	97	97	88	83
	100'	98	97	89	83	81	79
	160'	97	88	81	78	72	65
	200'	92	83	80	72	64	56

Watts (VA) Per Circuit - Maximum Wire Length Table

Wire Size	40 VA	80 VA	120 VA	160 VA	200 VA	240 VA	260 VA	280 VA	300 VA
14GA	75'	37'	25'	19'	15'	12'	12'	11'	10'
12GA	118'	59'	39'	30'	24'	18'	18'	17'	16'

Wire Size	40 VA	80 VA	120 VA	160 VA	200 VA	240 VA	260 VA	280 VA	300 VA
10GA	188'	94'	63'	47'	38'	29'	29'	27'	25'
8GA	299'	149'	100'	75'	60'	46'	46'	43'	40'

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