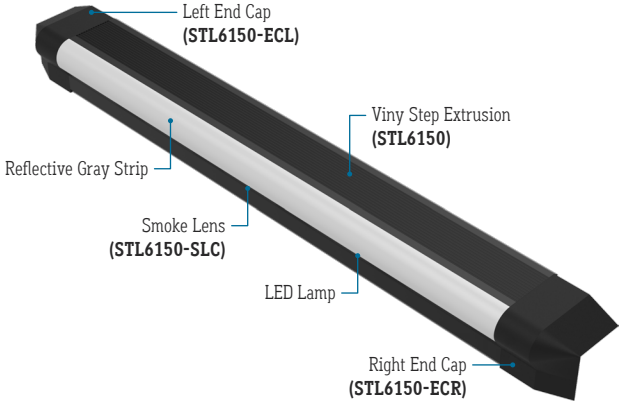
CALIFORNIA ACCENT LIGHTING INC

STL6150
STEP LIGHTING
Overview

STATIC WHITE



TYPE

PROJECT

NOTES

GENERAL FEATURES

APPLICATIONS	Carpeted Steps
LENGTH	Built to Order (± 0.25" Tolerance)
CONSTRUCTION	Vinyl Extrusion
FINISH	Matte Black
DRIVER	Remote (Sold Separately)
WEIGHT	0.78 lbs per foot
MOUNTING	Adhesive
LISTING	Dry Location Only UL2108, CSA C22.2 #9 UL8750, CSA250
TEMPERATURE RATINGS	**Operating / Startup:** -20° to 48°C (-4° to 120°F)
	Storage: -40° to 76°C (-40° to 170°F)
INSTALLATION	Link to Installation Instructions

RoHS COMPLIANT · FIELD CUTTABLE · DIMMING · DRY · MADE IN U.S.A.

HOW TO ORDER

1 Generate product code based on specification options.
Example: STL6125-6"-10V-30K-SLC

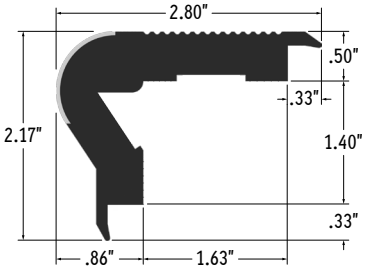
2 Specify run lengths. Luminaires ship assembled.
Example: 8 @ 5', 3 @ 4'

4 Specify Accessories. Refer to Accessories page & Installation Instructions to determine number of Connectors, End Caps, Raceway, and other accessories needed.

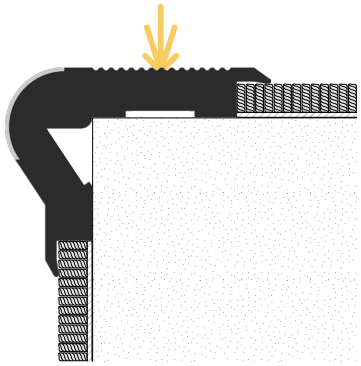
ABOUT

- Step lighting for carpeted steps
- Suitable for Carpet-to-Carpet mounting
- Use in conjunction with Raceway and End Caps

END VIEW / DIMENSIONS



MOUNTING OPTION



Carpeted Steps (Carpet-to-Carpet)

Note: Do no install StepLITE on top of carpet. Install directly onto concrete or wood floor.

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stepLITE™ Manufactured in the U.S.A.

LAMP SPECIFICATIONS

LAMP NUMBER	CORRELATED COLOR TEMPERATURE (CCT)	DESCRIPTION	L70 LED LIFE
30K	3000K	Warm White	50,000 hrs.
50K	5000K	Cool White	
R	Red (621nm)	Red	100,000 hrs.
G	Green (525nm)	Green	
B	Blue (470nm)	Blue	
A	Amber	Amber	

LAMP FEATURES

LAMP TYPE	LEDs
LAMP WATTS	0.25W per Lamp
CRI	
EFFICACY	___ Lumens per Watt (Based on _____)

ELECTRICAL

DIMMING	0-10V, Forward / Reverse Phase, Lutron, DMX, DALI
MAXIMUM LAMPS (Class 1 Applications)	432
MAXIMUM LAMPS (Class 2 Applications)	344
LUMINAIRE VOLTAGE	120V - 277V (UNV)
	120V (Lutron LTEA Only)
WIRING	Parallel
SOCKET	Custom

SPECIFY PRODUCT CODE | CHOOSE FROM DROP DOWNS

SERIES	SPACING	DIMMING	LED LAMP	LENS	LUMINAIRE LENGTH
STL6150	-	-	-	-	-
STL6150 **(STL6150)**	4" On Center: 3 LEDs per Foot / 0.75W per Foot) **(4")**	Phase Dimming: Forward / Reverse Phase **(PH)**	2400K **(24K)**	Clear Lens **(CL)**	Specify Length in Feet & Inches **Example:** 27'8"
			3000K **(30K)**		
	6" On Center: 2 LEDs per Foot / 0.5W per Foot) **(6")**	0-10V: 100% - 1% **(10V)**	3500K **(35K)**	Smoke Lens **(SLC)**	
		Hi-Lume 1% 2 Wire*2 **(LTEA)**	4000K **(40K)**		
	8" On Center: 1.5 LEDs per Foot / 0.375W per Foot) **(8")**	Hi-Lume 1% 3 Wire*3 **(L3DA)**	4500K **(45K)**		
		Hi-Lume Premier 0.1% JA8*4 **(L3D0)**	5000K **(50K)**		
	12" On Center: 1 LEDs per Foot / 0.25W per Foot) **(12")**	DMX-512*5 **(DMX)**	Red **(R)**		
		DALI*6 **(DALI)**	Green **(G)**		
	18" On Center: 0.66 LEDs per Foot / 0.165W per Foot) **(18")**	Leave Blank for Non-Dimming	Blue **(B)**		
			Amber **(A)**		

_____ *1 Lumens per foot based on 3.5K CCT LED. **Example:** 62 Lumens x 3.3 Watts = 204 Lumens per Foot

*2 (LTEA) 40 watt max Lutron Hi-Lume 1% 2 Wire #LTEA4U1UKL-CV240

*3 (L3DA) 40 watt max Lutron Hi-Lume 1% 3 Wire #L3DA4U1UKL-CV240

*4 (L3D0) 96 watt max Hi-Lume Premier 0.1% #L3D0-96W24V-U

*5 Default DMX address of each fixture is 001. Consult third party DMX commissioner to modify at time of installation.

*6 DALI commissioning to be performed by a third party at time of installation. CALI does not provide DALI commissioning.

DIMMING SELECTION	PRODUCT CODE	LINKS
• Phase & 0-10V	**PH, 10V**	http://www.calilighting.com/assets/pdf/drivers/Drivers-Brochure.pdf
• DMX-512 & DALI	**DMX, DALI**	http://www.calilighting.com/assets/pdf/drivers/DRV100-E.pdf
• Lutron LTEA	**LTEA**	http://www.calilighting.com/assets/pdf/LutronDrivers/Lutron-LTEA.pdf
• Lutron L3DA	**L3DA**	http://www.calilighting.com/assets/pdf/LutronDrivers/Lutron-L3DA.pdf
• Lutron L3D0	**L3D0**	http://www.calilighting.com/assets/pdf/LutronDrivers/Lutron-L3D0.pdf

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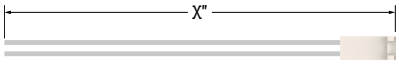
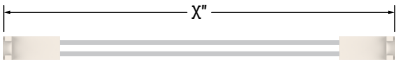


Power Connector (20/2 Gauge Wire)
(STL6150-PC) 36" Standard
(STL6150-PC-X) X = Specify Length

POWER CONNECTOR		
PART #	LENGTH	QTY.
STL6150-PC -	/	

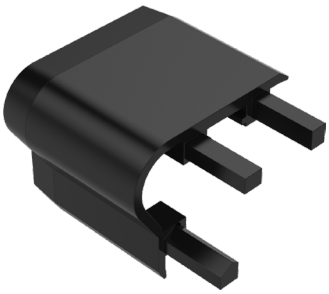
Note: Use 1 Power Connector per run. Leave length blank for standard option (36").



Continuous Connector (20/2 Gauge Wire)
(STL6150-CC) 3" Standard
(STL6150-CC-X) X = Specify Length

CONTINUOUS CONNECTOR		
PART #	LENGTH	QTY.
STL6150-CC -	/	

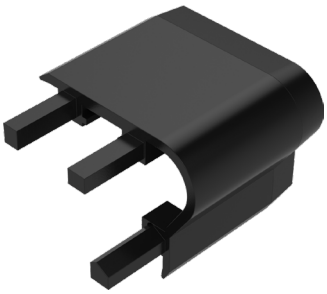
Note: Use 1 Continuous Connector for each corner or gap connection along the run. Leave length blank for standard option (3").



Left End Cap
(STL6150-ECL)

LEFT END CAP	
PART #	QTY.
STL6150-ECL	/

Note: Order 1 End Cap for each instance where a run terminates on the left side of the step extrusion.



Right End Cap
(STL6150-ECR)

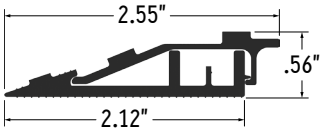
RIGHT END CAP	
PART #	QTY.
STL6150-ECR	/

Note: Order 1 End Cap for each instance where a run terminates on the right side of the step extrusion.

28 oz Adhesive Tube
(STL6150-AD)

ADHESIVE TUBE	
PART #	QTY.
STL6150-AD	/

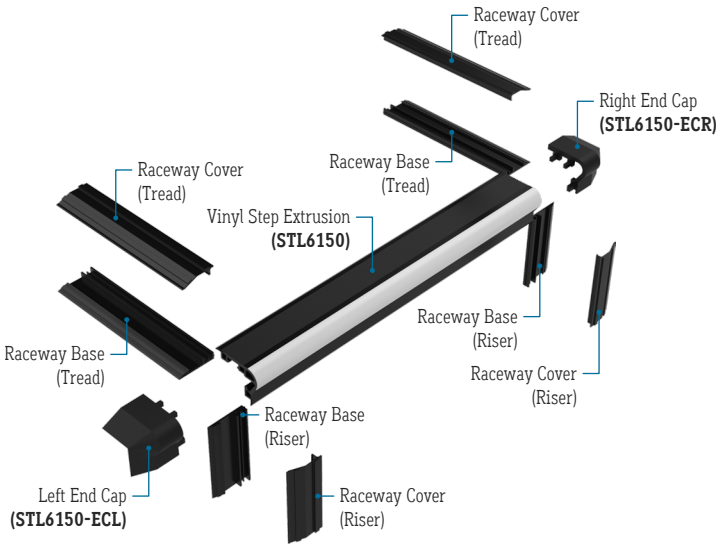
Note: Each Adhesive Tube typically mounts 15' of step extrusion.



8' Raceway (Base & Cover)
(STL6150-RW-8')

RACEWAY	
PART #	QTY.
STL6150-RW-8'	/

Note: Order Raceway as needed in 8' segments for field cutting.



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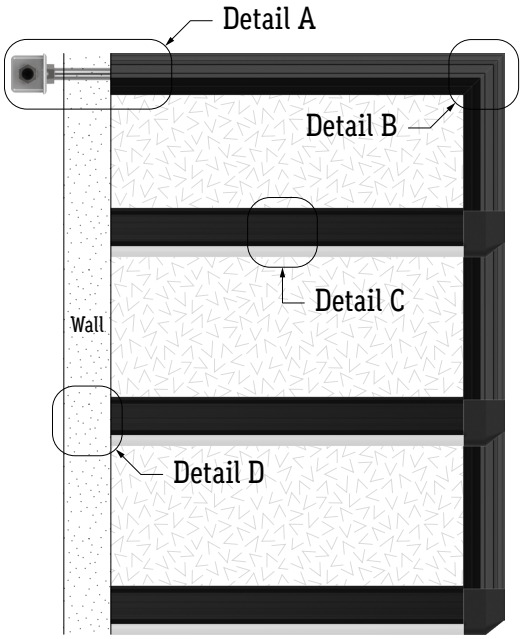
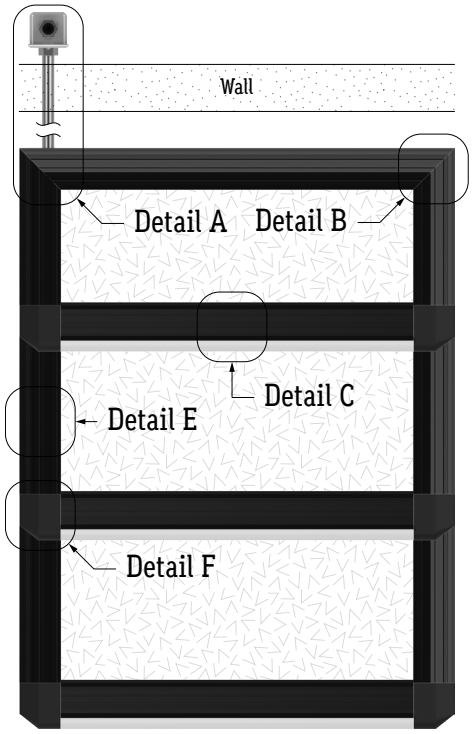
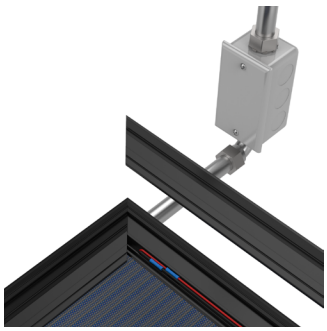
SINGLE SIDE STEPS

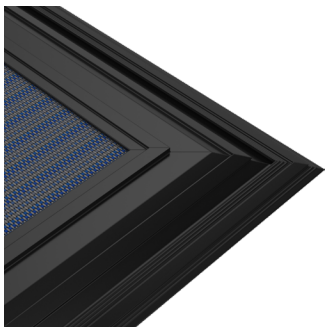


DUAL SIDE STEPS

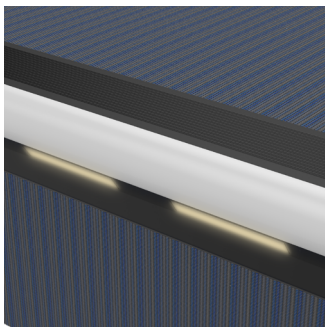




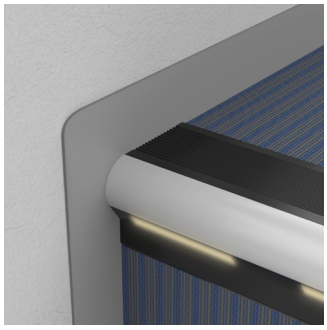
Detail A
Wiring Connection to J-Box
(J-Box by Others)



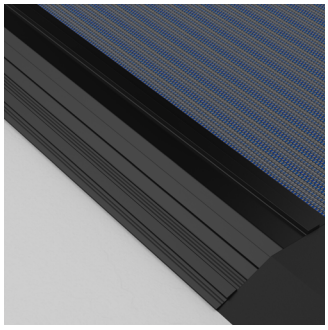
Detail B
Raceway Miter
(STL6150-RW)



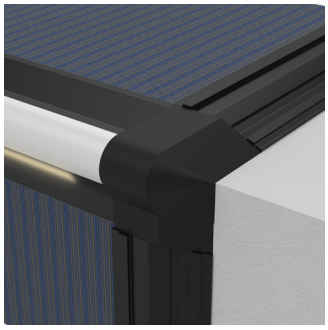
Detail C
Step Extrusion
(STL6150)



Detail D
Step Extrusion
(STL6150)



Detail E
Raceway Extrusion
(STL6150-RW)



Detail F
Right End Cap
(STL6150-ECR)

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