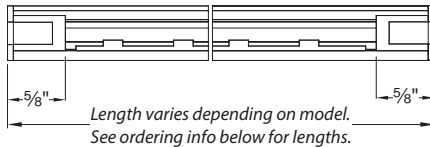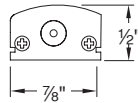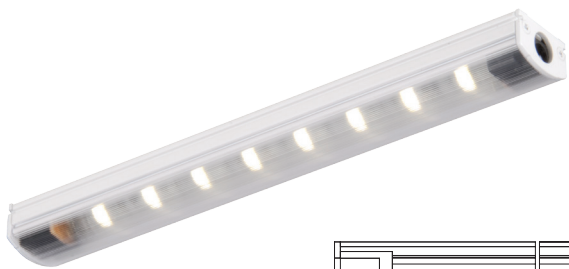# STRAIGHT EDGE™ – model: LS-LED
LED Cabinet and Niche Lighting

WAC LIGHTING
Responsible Lighting®

Fixture Type:

Catalog Number:

Project:

Location:

½"

⅞"

⅝"   *Length varies depending on model. See ordering info below for lengths.*   ⅝"

PRODUCT DESCRIPTION

Low power consumption and strong lumen output make this low-profile LED strip light system perfect for small coves and niches, cabinets, shelves and bookcases.

FEATURES

- Available in 5 lengths
- Multiple connectors and cables available to facilitate custom layouts
- Four mounting options provided for different surfaces
- Each section includes 2 flat mounting clips, 2 45° angle mounting clips and 1 "I" connector
- Adjustable angle mounting clips allow fixture to be easily aimed while securely mounted for optimal task lighting performance and flexibility
- 120° beam spread
- Free of projected heat, UV and IR radiation
- 70,000 hour rated life
- 5 year WAC Lighting product warranty

SPECIFICATIONS

Construction: Extruded aluminum body with a polycarbonate lens.

Power Supply: Remote and plug-in electronic Class 2 transformers. 120VAC and 277VDC 50/60Hz input, 24V 60W and 96W output.

Light Source: KR-5050W LEDs in warm 2700K and cool 4500K.

Dimming: May be dimmed to 1% with electronic low voltage (ELV) dimmer.

Finish: Abrasion resistant White (WT) powder coat finish.

Standards: UL & CUL Listed for use in damp locations.

ORDER NUMBER

Model #	Length	Color Temp		Finish	
LS-LED08	7¼"				
LS-LED14	13¼"				
LS-LED20	19¼"	**W**	2700K	**WT**	*White*
LS-LED26	25¼"	**C**	4500K		
LS-LED32	31¼"				

LS – ⬜ – ⬜ – **WT**

Example: **LS-LED14-C-WT**

FIXTURE PERFORMANCE

Model #	Color Temp	Power	Lumens	Efficacy	CBCP	CRI
LS-LED08-W	2700K	2.2W	105	47.7 Lm/W	43	85
LS-LED14-W	2700K	4W	205	51.3 Lm/W	84	85
LS-LED20-W	2700K	6.2W	315	50.8 Lm/W	127	85
LS-LED26-W	2700K	9.9W	345	34.8 Lm/W	145	85
LS-LED32-W	2700K	12.4W	450	36.3 Lm/W	182	85
LS-LED08-C	4500K	2.9W	115	39.7 Lm/W	47	85
LS-LED14-C	4500K	4.9W	215	43.9 Lm/W	89	85
LS-LED20-C	4500K	7.3W	315	43.2 Lm/W	130	85
LS-LED26-C	4500K	10W	485	48.5 Lm/W	191	85
LS-LED32-C	4500K	12.5W	620	49.6 Lm/W	241	85

MAX RUN

Model #	60W Transformer	96W Transformer
LS-LED08	20 pieces	36 pieces
LS-LED14	12 pieces	20 pieces
LS-LED20	8 pieces	13 pieces
LS-LED26	6 pieces	10 pieces
LS-LED32	5 pieces	8 pieces

POWER SUPPLIES

Plug-in

EN-2460-P-AR-S	120VAC/60W Class 2 LED transformer
EN-24100-P-AR-S	120VAC/96W Class 2 LED transformer

Remote (Hard-Wired)

EN-2460-RB2-S	120VAC/60W Class 2 LED transformer
EN-24100-RB2-S	120VAC/96W Class 2 LED transformer
EN-24100-277-R	277VDC/100W Class 2 LED transformer

POWER SUPPLY ACCESSORIES

TB-S	Wiring box with switch
MTB	Multiple terminal block
SL-EXT-144	12' extension cable
SL-WC-1	Wire Clip

For full descriptions and specs of Power Supplies and all Accessories see next pages.

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. OCT 2014

POWER SUPPLIES

			Input	Output		
120V AC Plug-in Class 2 Transformer		**EN-2460-P-AR-S** **EN-24100-P-AR-S**	120V 120V	24V/60W 24V/96W	2¾″ × 1⅝″ × 1¾″ 4⅝″ × 2″ × 1⅝″	May be dimmed. Includes 6' cord and five SL-WC-1 plastic wire clips.
120V AC Remote Class 2 Transformer		**EN-2460-RB2-S** **EN-24100-RB2-S**	120V 120V	24V/60W 24V/96W	6½″ × 1⅝″ × 1¼″	May be dimmed. Includes 6' cord and five SL-WC-1 plastic wire clips.
277V DC Remote Class 2 Transformer		**EN-24100-277-R**	277V	24V/100W	7⅞″ × 2¾″ × 1⅜″	Cannot be dimmed. Converts 277V to 24V. Includes 1' input and output wires. Must use **SL-EXT-144** to extend the distance between power supply and Straight Edge™ section.

POWER SUPPLY ACCESSORIES

Wiring box with switch		**TB-S**	6¼″ × 1⅝″ × 1¼″	Use when spanning a large gap in a system layout without leaving exposed wiring (*ie: lighting kitchen cabinets on both sides of a sink or window*). Low voltage wiring is collected inside box, with Romex® wire output to go behind a wall.
Multiple Terminal Block		**MTB-06** 6 outputs **MTB-08** 8 outputs	4⅞″ × 1⅝″ × ¾″ 4⅞″ × 1⅝″ × ¾″	Easily wire multiple output connections for a neat installation without the use of open splices. One power supply input and either 6 or 8 outputs. 5A capacity. Three mounting screws included.
12' Extension Cable		**SL-EXT-144**	Wire: 144" Connector: 1⅛″	Use to extend the distance between power supply or wiring box (TB-S) to a Straight Edge™ section.
Wire Clip (10 Pack)		**SL-WC-1**	½" × ⅜"	Use to tack power cords or joiner cables neatly to a surface.

CONNECTION ACCESSORIES

"I" Connector		**SL-I**	Ø¼" × ⅞"	For end-to-end connection of Straight Edge™ sections. *(One included with each Straight edge™ section).*
Joiner Cables		**SL-IC-06** **SL-IC-12** **SL-IC-24** **SL-IC-36**	6" 12" 24" 36"	Connects two sections of Straight Edge™.
Custom Cable Extenders		**SL-IF**	Ø⅜" × 3⅝"	Two female ends. Connects two joiner cables to create custom lengths.
4-way "X" connector		SL-X	Wires: 4" each Connectors: 1⅛" each	"X" connector has four male connectors and can be used to easily customize your design layout.
3-way "Y" connector		SL-Y	Wires: 4" each Connectors: 1⅛" each	"Y" connector has three male connectors and can be used to easily customize your design layout.

MOUNTING ACCESSORIES

Flat Mounting Clip		**SL-C1-WT**	1" × ⅛" × 1¼"	Metal clip used to mount Straight Edge™ sections flat to a surface. *(Two included with each Straight Edge™ section).*
45° Angle Mounting Clip		**SL-C2-WT**	1" × 1" × 1½"	Metal clip used to mount Straight Edge™ sections in corners. *(Two included with each Straight Edge™ section).*
Adjustable Angle Mounting Clip		**SL-C3-WT**	⅝" × ⅝" × 1¾"	Metal clip used to mount Straight Edge™ sections at variable angles.
Magnetic Tape		**MAG-TAPE-36**	36" × ¾"	One magnetic side and one peel and stick side for mounting Straight Edge™ sections to a metal surface. Easily cut in field.