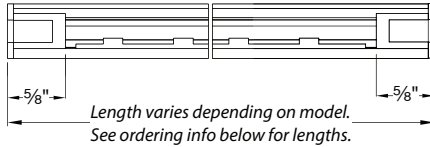
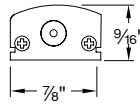


STRAIGHT EDGE™ – model: LS-LED

LED Cabinet and Niche Lighting

WAC LIGHTING

Responsible Lighting®



Fixture Type:

Catalog Number:

Project: _____

Location: _____

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" | W 2700K C 4500K | WT White |
| LS-LED14 | 13¾" | | |
| LS-LED20 | 19¼" | | |
| LS-LED26 | 25¼" | | |
| LS-LED32 | 31¼" | | |



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/96W 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.

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

WAC LIGHTING
Responsible Lighting®






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. |
| 120-277V DC Remote Class 2 Power Supply |  | EN-24100-277-RB2-T | 120- 277V | 24V/96W | 12⅝" × 3¼" × 2" | May be 0-10V dimmed. Includes 6' cord and Straight Edge connector. |





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: 1⅝" | 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" × 7⁄8" | For end-to-end connection of Straight Edge™ sections. <i>(One included with each Straight edge™ section).</i> |
| 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 | Ø³⁄⁸" × 3⁄⁸" | Two female ends. Connects two joiner cables to create custom lengths. |
| 4-way "X" connector |  | SL-X | Wires: 4" each Connectors: 1½" 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: 1½" 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" × ½" × 1¼" | Metal clip used to mount Straight Edge™ sections flat to a surface. <i>(Two included with each Straight Edge™ section).</i> |
| 45° Angle Mounting Clip |  | SL-C2-WT | 1" × 1" × 1½" | Metal clip used to mount Straight Edge™ sections in corners. <i>(Two included with each Straight Edge™ section).</i> |
| Adjustable Angle Mounting Clip |  | SL-C3-WT | 5⁄8" × 5⁄8" × 1¼" | 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. |