



# LINEAR AC LED LIGHT STRIP

SERIES 2000-3000

AC LED LIGHT STRIP

## DESCRIPTION

### A General

Miniature linear lighting system which utilizes AC LED festoon style modules

### B Special Features

LED modules may be mounted 2" (51mm) or 4" (102mm) on-center

### C Mounting

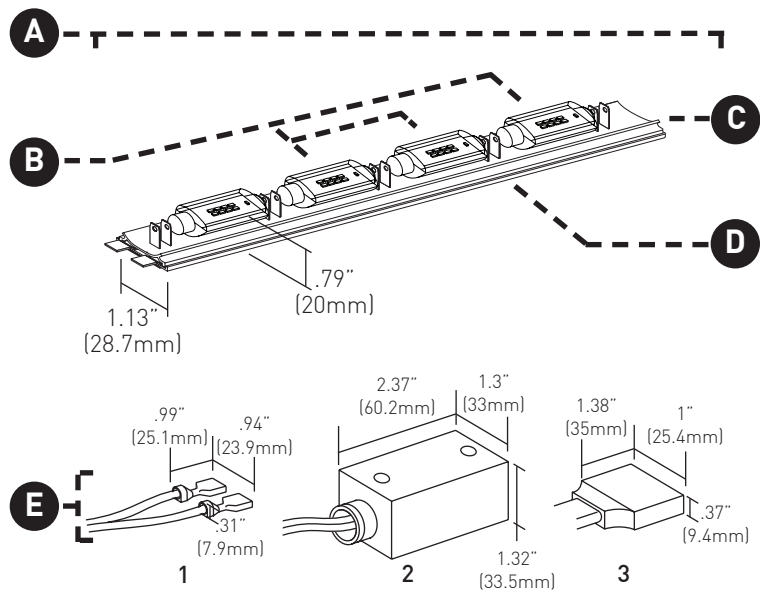
May be mounted in concave or convex applications with 12" (305mm) minimum bending radius; single-end terminal strip may be field cut

### D Retention

Flexible light strip secures with provided double-sided foam tape and #4 screws through pilot holes in strip

### E Plug / Connector

May be specified with crimp-on spade connectors (1), integral j-box (2) or molded plug connector (3)



## TECHNICAL

### CONSTRUCTION

**Light Strip:** Polyethersulfone thermoplastic with solid brass conductors (thermal deflection temperature of plastic is 397 °F (203 °C) at 264 PSI)

**LED Modules:** Aluminum and plastic

### ELECTRICAL

*Max aggregate circuit run length is 240" (6096mm) with continuous LED module spacing, and 480" (12192mm) with alternating LED module spacing. Max uninterrupted strip length is 192" (4877mm) regardless of LED module spacing or circuit wattage.*

The system requires a proprietary remote driver assembly (PSA-60-12H dimmable power supply with hardwire transformer or PSA-60-12P plug-in transformer; each ordered separately). To meet transformer's minimum wattage requirement, 12" (305mm) circuit length is required.

### LED

12V AC .5W LED festoon style modules available in 2700 °K, 3000 °K or 4100 °K color temperatures. Average rated lamp life of 50,000+ hours.

### LISTING

ETL listed for dry/damp locations; CE marked

### WARRANTY

Manufacturer's one year warranty guarantees product(s) listed to be free from defects in material workmanship under normal use and service. Warranty is conditional upon use of manufacturer supplied transformer or ballast.

## ORDERING INFORMATION (light strip)

Example: 2BP-C-072-S-12-.5-AC-LW

FINISH	CONNECTOR	LAMP SPACING	LENGTH	TERMINAL CONFIG.	AC LED MODULE
2 Series 2000 White	BC Crimp-On Spade Connectors	C Continuous 2" (51mm)	<i>in even inches*</i>	S Single-End	12-.5-AC-27K 2700 °K Warm
3 Series 3000 Black	BJ Integral J-Box	On-Center	<i>* Custom cut-to length provided by specifier; range 012" (305mm) - 192" (4877mm)</i>	D Double-End (Verify cut-to length)	12-.5-AC-LW 3000 °K Warm
	BP Molded Plug Connector	A Alternating 4" (102mm) On-Center			12-.5-AC-LC 4100 °K Cool

**CUT-TO LENGTH**

Light strips must be specified in 2" (51mm) even-numbered increments, ranging from 12" (305mm) to 192" (4877mm). Consult factory for assistance in determining actual cut-to length based on lamp count.

Verify cut-to length when specifying double-end terminal light strips as the strip may not be field cut.

**POWER SUPPLY OPTIONS**

**PSA-60-12P**

Power supply for plug-in applications, Class II 120V primary, 12V secondary, 60W capacity electronic transformer.

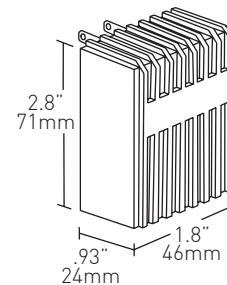
**PSA-60-12H**

Dimmable power supply for hardwire applications. Consists of a steel compartment with integral conventional Class II 120V primary, 12V secondary, 60W capacity electronic transformer. Integral terminal block supplies two channels (A and B) which allow for an aggregate 30W max per channel: 120" (3048mm) with 2" (51mm) on-center module spacing or 240" (6096mm) with 4" (102mm) on-center module spacing. One PSA-60-12H allows for an aggregate 60W max.

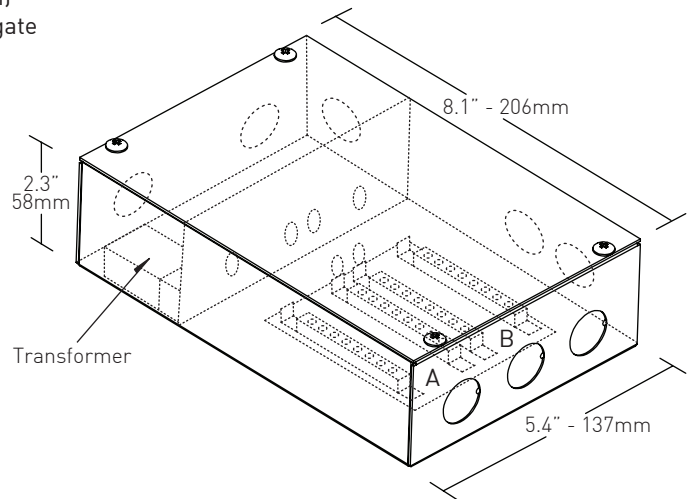
**PSA-DB**

Non-powered distribution box recommended for power management if plug-in power supply is chosen. Steel compartment and integral terminal block supplies two channels (A and B) which allow for an aggregate 30W max per channel: 120" (3048mm) with 2" (51mm) on-center module spacing or 240" (6096mm) with 4" (102mm) on-center module spacing. One PSA-DB allows for an aggregate 60W max.

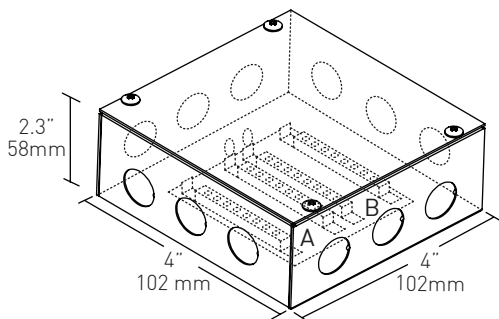
**PSA-60-12P**



**PSA-60-12H**



**PSA-DB**



**ORDERING INFORMATION (power supply)**

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**POWER SUPPLY OPTION**

- |                   |   |
|-------------------|---|
| <b>PSA-60-12P</b> | Plug-in transformer                               |
| <b>PSA-60-12H</b> | Dimmable power supply with hardwire transformer   |
| <b>PSA-DB</b>     | Distribution box for use with plug-in transformer |