



SNL-LED Series

Linkable Architectural & Undercabinet Light



SNL-LED10

All Sizes:



APPLICATIONS:

- ✓ Undercabinets
- ✓ Cove Lighting
- ✓ Retail
- ✓ Closets
- ✓ Task Lighting
- ✓ Display Cases

DESCRIPTION:

RAB Design's **Snap n Link Series** is **easy to install**, features a **LEGO-like modular design and flexible connectors** that allow for effortless creation of eye-catching shapes and designs, all with a satisfying snap sound during installation.

FEATURES:

- High quality, durable fixture with sturdy aluminum housing.
- Frosted polycarbonate lens that creates glare-free light distribution ideal for reflective and matt surfaces such as backsplashes, countertops, and in retail applications.
- Compact design and ultra slim profile – 0.65" wide.
- Available in 3.3", 10", 20", and 40" lengths.
- Button control switch is used to control light options. Change the light setting through number of presses:
 - 1st click = turn on light at 3000K
 - 2nd click = change to 4000K
 - 3rd click = change to 5000K
 - 4th click = turn off light
 - Press and hold: increase/decrease brightness
- LEGO like modular design and flexible connectors allow for effortless creation of shapes and designs.
- Accessories include - vertical connectors (90°), angle connectors (80° – 280°), interconnect cables, and 4-way splitter cable.
- Vertical Connector (90) and angle connector (80° - 280°) emit light providing seamless continued illumination
- To learn more about the run length calculation of the fixtures, please refer pg 2.

SPECIFICATIONS

	SNL-LED3	SNL-LED10	SNL-LED20	SNL-LED40
Watts	1W	3.5W	6.5W	13W
Lumens	85lm	300lm	550lm	1100lm
Efficacy	85lm/W			
Length	3.3"	10"	20"	40"
Voltage	24VDC Plug in and Hardwired options available for 120VAC input			
CCT	Colour Selectable (3000K/4000K/5000K)			
CRI	>80			
Dimming	Touch button dimmer TRIAC (hardwired drivers)			
Total Harmonic Distortion (%)	< 20%			
Power Factor	> 0.9			
Beam Distribution	120°			
LED Life (L70)	>36000 hours			
Housing Finish	White			
Lens Details	Frosted PC Lens			
Mounting	Surface mounted			
Operating Temp.	0°C to +45°C (32°F to 113°F)			
Certifications	cETLus (certified per UL 2108:2015 Ed.2 & CSA C22.2#9.0)			



Quick Ship Available

Note:

- Hard wired and plug-in power supply options are available (refer to pg. 5).
- Flat and 45° mounting clips are included with each fixture (photo on pg. 3).

RUN LENGTH CALCULATION:

Quantity of Fixtures Per Driver:					
Driver	Wattage	SNL-LED3	SNL-LED10	SNL-LED20	SNL-LED40
		1W	3.5W	6.5W	13W
Plug-in Driver	36W	32	9	4	2
	60W	54	15	8	4
Hardwire LED Driver	60W	54	15	8	4
	96W	86	24	13	6

Note: Above are theoretical values. Combination of different lengths can be used.

MAX RUN LENGTH PER DRIVER:

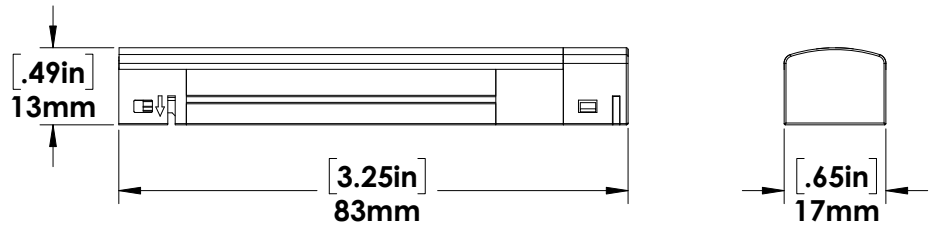
Driver:	Wattage:	Length (ft):
Plug-in Driver	36W	8.7ft
	60W	14.5ft
Hardwire LED Driver	60W	14.5ft
	96W	23.2ft

COMPATIBLE DIMMER LIST:

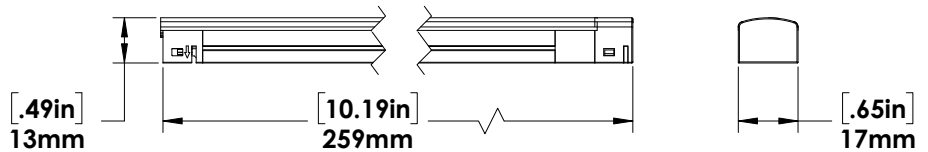
SNL-LED		
Item number :	SNL-LED	
Item#	Brand Name:	Item number:
1	LUTRON	MACL-153MR
2		DVCL-153P
3		STCL-153P
4		DVLV-600P
5		SLV-600
6		CTCL-150
7	LEGRAND	LSCL453P
8	LEVITON	742-RDL06
9		722-IPL06
10		R11-DSL06
11		R00-RNL06

FIXTURE DIMENSIONS:

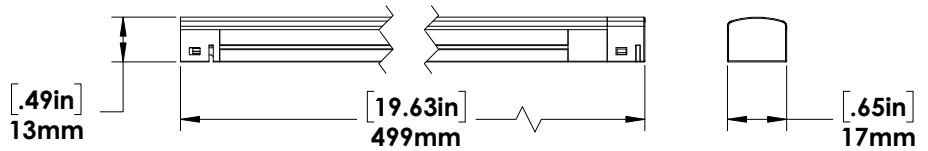
SNL-LED3



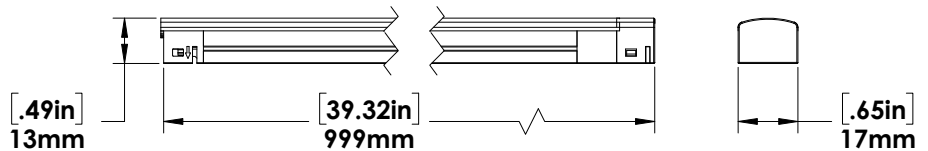
SNL-LED10



SNL-LED20



SNL-LED40



Note: A pair of flat & 45° mounting clips included with all fixtures



Flat Clips

45° Mounting Clips
(for angled installation)

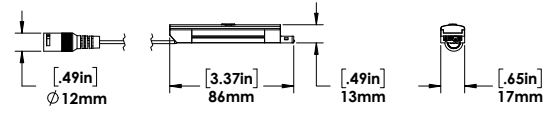
ACCESSORIES (SOLD SEPARATELY)

BUTTON CONTROL SWITCH:

Used to control light settings for plug-in and hardwired installations.

Change the light setting through number of presses:

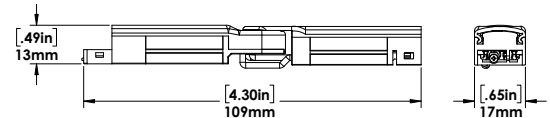
- 1st click = turn on light at 3000K
- 2nd click = change to 4000K
- 3rd click = change to 5000K
- 4th click = turn off light
- Press and hold: increase/decrease brightness



Note: At least (1) button control switch is required to connect input power supply and use different control options.

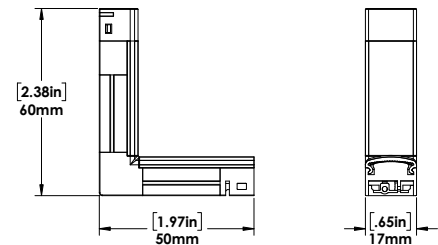
80° - 280° ANGLE CONNECTOR:

Connect fixtures at different angles between 80-280 degrees.



90° VERTICAL CONNECTOR:

Connects fixtures along a 90-degree vertical plane in a single run



CONNECTOR CABLE (1M)

Used to connect two fixtures together when there is a distance between them



DRIVER EXTENSION CABLE (1M)

Used to connect the driver with the button control switch if there is a distance between them.



4-WAY SPLITTER

Used to split the load from one power supply into 4 run lengths. Can be used with hardwire or plug-in power supply.

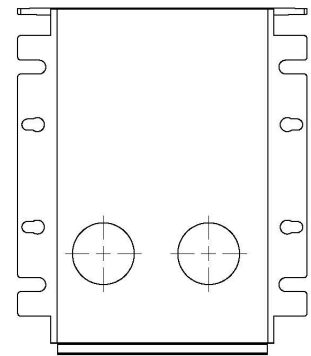
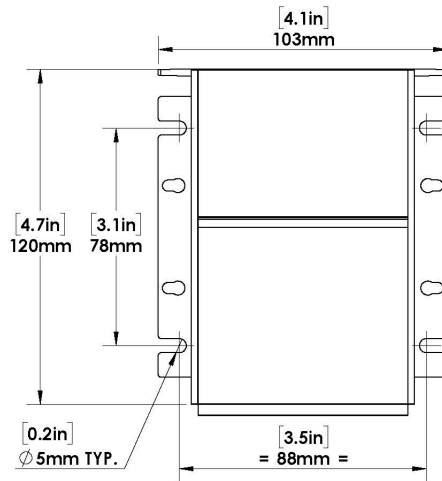
DIMMABLE HARDWIRED POWER SUPPLY:

Compact Design

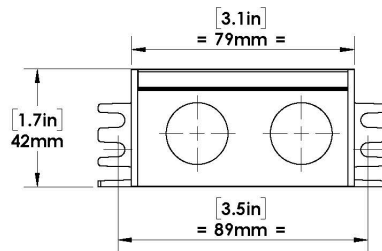
Available in 60W and 96W

FEATURES:

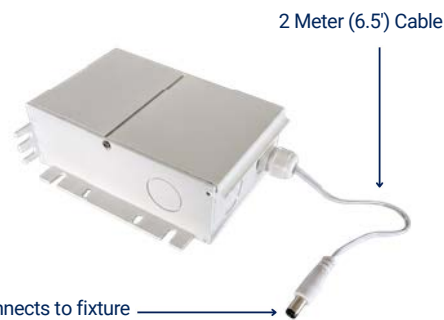
- Compact design: Takes up limited space and is barely visible.
- Wiring compartment allows easy access to wires facilitating quick wire connections.
- 5 Knockouts for 1/2" Conduit entry (1 on each side, in front & 2 at back) for the ease of wiring.
- Compatibility: TRIAC /ELV /0-10V



BACK VIEW



Specifications:	
Wattage	60W, 96W
Weight	0.85 lbs
Finish	White



PLUG-IN POWER SUPPLY:

Easy Installation

Available in 36W and 60W

FEATURES:

- Fast installation; no wire connections are needed.
- 5' cord lengths.

Specifications:	
Wattage	36W, 60W
Weight	36W = 0.66 lbs 60W = 0.80 lbs
Finish	Black



36W

Height (Depth): 1.3"
Input Cord Length: 5'
Output Cord Length: 5'



60W

Height: 1.2"
Input Cord Length: 5'
Output Cord Length: 5'

ORDERING GUIDE:

FIXTURES

SNL-LED3 - 3.3" Length:

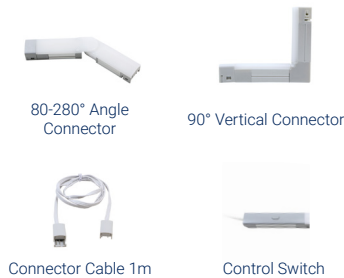
SNL-LED10 - 10" Length:

SNL-LED20 - 20" Length:

SNL-LED40 - 40" Length:

Stock Code	Description	Order Quantity:
098725	SNL-LED3	
098726	SNL-LED10	
098749	SNL-LED20	
098750	SNL-LED40	

CONNECTORS



Stock Code	Description	Order Quantity:
098751	SNL 80°-280° Angle connector	
098752	SNL 90° Vertical Connector	
098755	SNL- Connector Cable 1m	
098753	SNL Control switch	

Note: At least (1) button control switch is required to connect input power supply and use different control options.

ACCESSORIES



Stock Code	Description	Order Quantity:
098757	SNL 4-Way Splitter Cable	
098780	SNL - Driver Extension Cable 1m	

POWER SUPPLIES



Stock Code	Description	Order Quantity:
098774	SNL-36W Plug In Power Supply 120VAC	
098779	SNL-60W Plug In Power Supply 120VAC	
087474	Hardwired Power Supply 60W 120-277VAC 24VDC-SNL	
087475	Hardwired Power Supply 96W 120-277VAC 24VDC-SNL	