RAB DESIGN®

snap'n link

SNL-LED Series
Linkable Architectural & Undercabinet Light

SNL-LED10

All Sizes:

40"
20"
10"
3.3"

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)			

ETL — c ETL us — Intertek
easy INSTALLATION
3 YEAR WARRANTY

⏱ **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	40W	36	10	5	2
	60W	54	15	8	4
	96W	86	24	13	6

Note: Above are theoretical values. Combination of different lengths can be used.
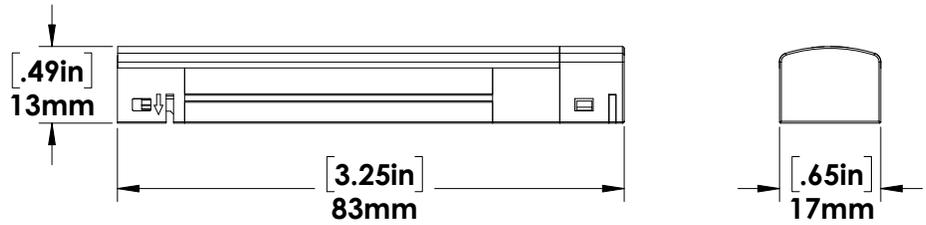
MAX RUN LENGTH PER DRIVER:

Driver:	Wattage:	Length (ft):
Plug-in Driver	36W	8.7ft
	60W	14.5ft
Hardwire LED Driver	40W	9.6ft
	60W	14.5ft
	96W	23.2ft

COMPATIBLE DIMMER LIST:

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

.49in
13mm

3.25in
83mm

.65in
17mm

SNL-LED10

.49in
13mm

10.19in
259mm

.65in
17mm

SNL-LED20
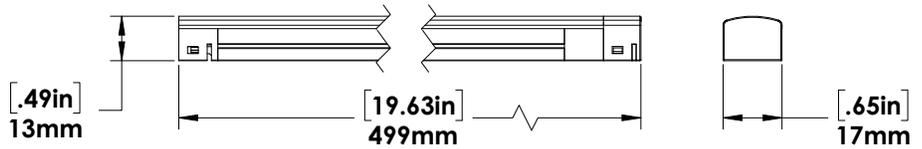
.49in
13mm

19.63in
499mm

.65in
17mm

SNL-LED40

.49in
13mm

39.32in
999mm

.65in
17mm
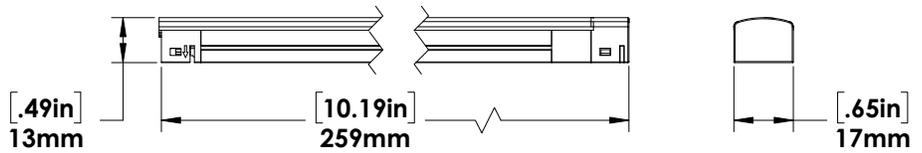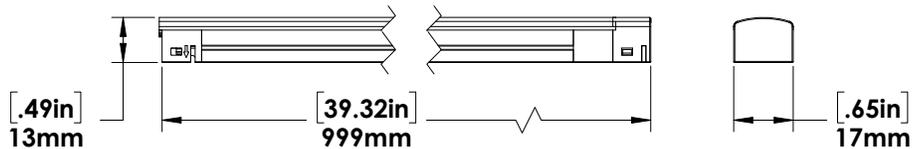
Note: A pair of flat & 45° mounting clips included with all fixtures

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 brightnesss

[.49in]
⌀12mm

[3.37in]
86mm

[.49in]
13mm

[.65in]
17mm
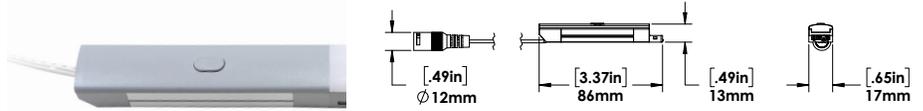
Note: At least (1) button control switch is required to connect input power supply and use different control options.

80° - 280° ANGLE CONNECTOR:
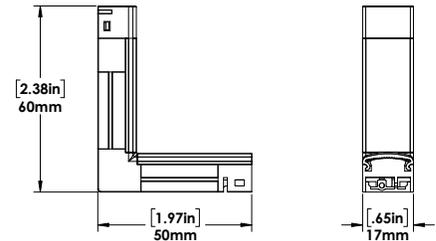
Connect fixtures at different angles between 80-280 degrees.

[.49in]
13mm

[4.30in]
109mm

[.65in]
17mm
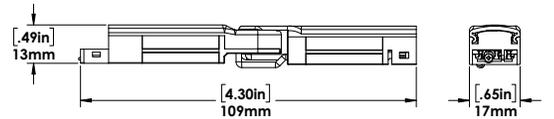
90° VERTICAL CONNECTOR:

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

[2.38in]
60mm

[1.97in]
50mm

[.65in]
17mm

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:

Ultra Slim Design
Available in 40W, 60W and 96W

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FEATURES:

- Compact design: Takes up limited space and is barely visible.
- Slim profile: **1.3"**
- Compatible with most TRIAC dimmer switches.
- Auto-reset protection for short circuits, over-voltage and over-heating.
- Wiring compartment allows easy access to wires facillitating quick wire connections.
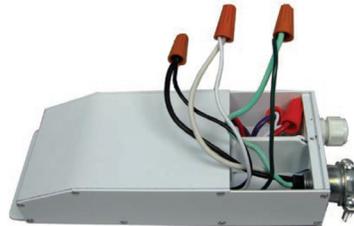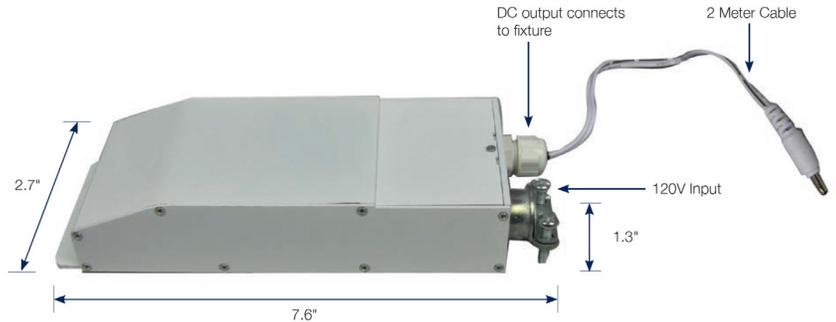
Specifications:	
Wattage	40W, 60W, 96W
Weight	1.1 lbs
Finish	White

DC output connects to fixture
2 Meter Cable
120V Input
2.7"
1.3"
7.6"

PLUG-IN POWER SUPPLY:

Easy Installation
Available in 36W and 60W

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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

80-280° Angle Connector

90° Vertical Connector

Connector Cable 1m

Control Switch

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

Driver Extension Cable 1m

4-Way Splitter Cable

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

POWER SUPPLIES

Hardwired Power Supply

36W Plug In Power Supply

60W Plug In Power Supply

Stock Code	Description	Order Quantity:
098774	SNL-36W Plug In Power Supply 120VAC	
098779	SNL-60W Plug In Power Supply 120VAC	
098758	SNL-40W Hardwired Power Supply 120VAC	
098770	SNL-60W Hardwired Power Supply 120VAC	
098771	SNL-96W Hardwired Power Supply 120VAC	