

Model #	
Type	
Project	
Date	

LS2-SERIES LINEAR STRIP

The LS2-Series Linear Strip is a dimmable, low profile solution for any cove or undercabinet project. Available in a variety of lengths with the ability to connect up to 10 strips on one pass, they are the most versatile way to give your project a custom look.



HIGHLIGHTS

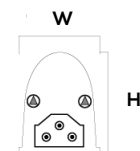
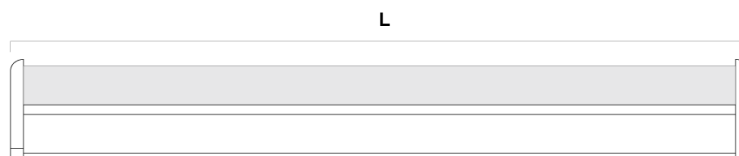
- Up to 450 lumen per foot
- Direct AC 120V Input
- On/Off switch available on most models
- T5 shape for retrofit applications
- Polycarbonate lens cover
- Energy Star on select models
- High strength aluminum for durability and optimum heat dissipation
- Available in 9", 14", 23" 35" and 47" lengths
- Backed by a worry-free 5 year warranty



APPLICATIONS

Low profile solution for any cove or undercabinet project

DIMENSIONS					
VOLTAGE (V)	POWER (W)	L (inches/mm)	W (inches/mm)	H (inches/mm)	WEIGHT (kg/lbs)
120-20V	3	9" (228mm)	1" (25mm)	1 3/16" (30mm)	140g / 5 oz
	5	13 9/16" (344mm)	1" (25mm)	1 3/16" (30mm)	190g / 7 oz
	9	22 5/8" (575 mm)	1" (25mm)	1 3/16" (30mm)	250g / 9 oz
	14	34 1/2" (876 mm)	1" (25mm)	1 3/16" (30mm)	340g / 12 oz
	18	46 1/4" (1175 mm)	1" (25mm)	1 3/16" (30mm)	430g / 15 oz



ORDERING GUIDE

SERIES		LENGTH & POWER (W)		CCT
LS2	-	93: 9", 3W	-	3: 3000K
		145: 14", 5W		4: 4000K
		239: 23", 9W		
		3514: 35", 14W		
		4718: 47", 18W		

MODEL SELECTION

SERIES		LENGTH & POWER (W)		CCT
LS2	-	145	-	3

ACCESSORIES SELECTION

EXAMPLE: LS2-145-3

ORDER	MODEL #	DESCRIPTION
	LS2-CON12	12" Interconnect Wire
	LS2-CON36	36" Interconnect Wire
	LS2-JB	Junction Box (120V)
	LS2-JBS	Junction Box with switch (120V)
	LS2-PC6	72" AC Power Cord
	LS2-MAGCLIP	Magnetic clips (Set of 3 clips)
	LS2-MAGCLIP-90	Magnetic mounting clips with 90 degree elbow (Set of 3 clips)

PRODUCT FEATURES

CONSTRUCTION

- Powder coated white aluminum
- Polycarbonate lens

ELECTRICAL

- TRIAC dimming, dim-to-off (0.1%)
- On/Off switch mounted on side of fixture. No switch on the 9" models

INSTALLATION

- Bracket Mount (included)
- Double-ended connector (included)
- Must also use (not included): Junction Box (LS2-JBx) or Power Cord (LS2-PC6) to connect to electrical source
- A total of ten (10) LS2 strips of any length can be connected on a single run
- Powerful magnetic clips available for ferrous metal surfaces (optional)

LISTINGS & RATINGS

- cULus
- Dry Location
- Listed for use in: -20°C to -40°C (-4°F to 104°F)

RATED LIFE & WARRANTY








- LED system: >36,000 hours at L70
- 10 year warranty (visit premiseled.com/warranty/)

ORDERING INFORMATION

INPUT VOLTAGE	POWER (W)	CCT (K)	MODEL NUMBER	DELIVERED LUMENS (lm)	EFFICACY (lm/W)	ENERGY STAR
100-120V	3W	3K	LS2-93-3	256 lm	85 lm/W	Yes
		4K	LS2-93-4	264 lm	88 lm/W	Yes
	5W	3K	LS2-145-3	422 lm	84 lm/W	No
		4K	LS2-145-4	448 lm	89 lm/W	No
	9W	3K	LS2-239-3	764 lm	82 lm/W	No
		4K	LS2-239-4	880 lm	97 lm/W	No
	14W	3K	LS2-3514-3	1,123 lm	80 lm/W	Yes
		4K	LS2-3514-4	1,247 lm	89 lm/W	Yes
	18W	3K	LS2-4718-3	1,530 lm	85 lm/W	Yes
		4K	LS2-4718-4	1,655 lm	91 lm/W	Yes

OPTIONAL ACCESSORIES

MOUNTING ACCESSORIES

IMAGE	DESCRIPTION	MODEL NUMBER
	12" Interconnect Wire for LS2	LS2-CON12
	36" Interconnect Wire for LS2	LS2-CON36
	Junction Box for LS2, 120VAC	LS2-JB
	Junction Box with Switch for LS2, 120VAC	LS2-JBS
	72" AC Power Cord for LS2	LS2-PC6
	Magnetic clips	LS2-MAGCLIP (Set of 3 clips)
	Magnetic mounting clips with 90 degree elbow	LS2-MAGCLIP-90 (Set of 3 clips)

PACKING INFORMATION

MODEL	CASE QUANTITY	PALLET QUANTITY
9", 3W	CASE OF 50	-
14", 5W	CASE OF 50	-
23", 9W	CASE OF 50	-
35", 14W	CASE OF 25	-
47", 18W	CASE OF 25	-

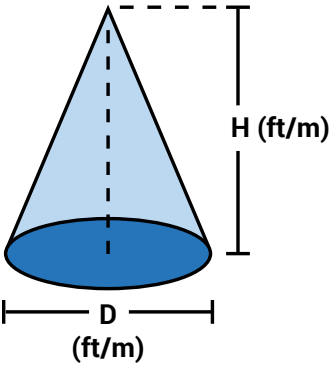
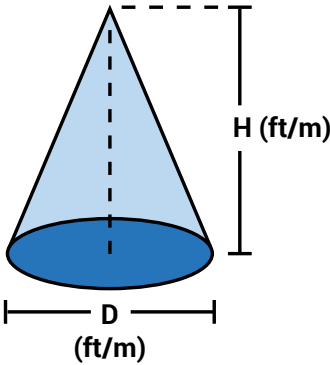
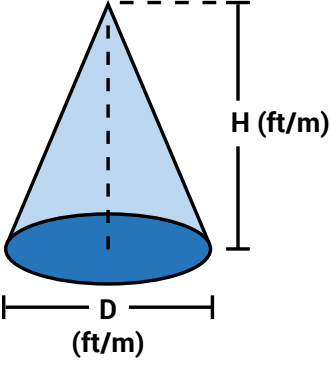
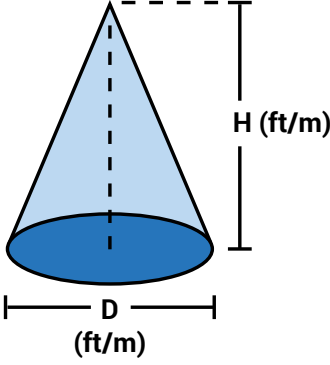
ELECTRICAL INFORMATION

INPUT VOLTAGE	LENGTH & POWER (W)	APPARENT POWER (VA)	SYSTEM POWER (W)	CURRENT DRAW AT 120V _{ac}	POWER FACTOR
120-347V	9", 3W	4.0VA	3.2W	0.040A	>0.9
	14", 5W	5.5VA	5.0W	0.050A	>0.8
	23", 9W	10.7VA	10.0W	0.100A	>0.9
	35", 14W	14.8VA	13.6W	0.140A	>0.9
	47", 18W	19.3VA	18.4W	0.180A	>0.9

PHOTOMETRIC INFORMATION

ILLUMINANCE AT A DISTANCE

ILLUMINANCE AT A DISTANCE

<p>LENGTH 9'</p> <p>WATTAGE 3W</p> <p>VOLTAGE 100-120V</p>					<p>LENGTH 14'</p> <p>WATTAGE 5W</p> <p>VOLTAGE 100-120V</p>				
	H (ft/m)	LUX	FC	D (ft/m)		H (ft/m)	LUX	FC	D (ft/m)
	6.6' (2m)	16.4	1.5	60.4' (18.4m)		6.6' (2m)	16.4	1.5	60.4' (18.4m)
	9.8' (3m)	7.3	0.7	90.7' (27.6m)		9.8' (3m)	7.3	0.7	90.7' (27.6m)
	13.1' (4m)	4.1	0.4	120.6' (36.7m)		13.1' (4m)	4.1	0.4	120.6' (36.7m)
	16.4' (5m)	2.6	0.2	150.8' (45.9m)		16.4' (5m)	2.6	0.2	150.8' (45.9m)
19.7' (6m)	1.8	0.2	181.0' (55.1m)	19.7' (6m)	1.8	0.2	181.0' (55.1m)		
<p>LENGTH 23'</p> <p>WATTAGE 9W</p> <p>VOLTAGE 100-120V</p>					<p>LENGTH 35'</p> <p>WATTAGE 14W</p> <p>VOLTAGE 100-120V</p>				
	H (ft/m)	LUX	FC	D (ft/m)		H (ft/m)	LUX	FC	D (ft/m)
	6.6' (2m)	48.4	4.5	75.2' (22.9m)		6.6' (2m)	73.1	6.8	67.3' (20.5m)
	9.8' (3m)	21.5	2.0	38.8' (34.3m)		9.8' (3m)	32.5	3.0	100.8' (30.7m)
	13.1' (4m)	12.1	1.1	150.1' (45.7m)		13.1' (4m)	18.3	1.7	134.4' (40.9m)
	16.4' (5m)	7.7	0.7	178.9' (57.2m)		16.4' (5m)	11.7	1.1	167.9' (51.1m)
19.7' (6m)	5.4	0.5	225.4' (68.6m)	19.7' (6m)	8.1	0.8	201.7' (61.4m)		

*Based on operation at 4000K & 120V.

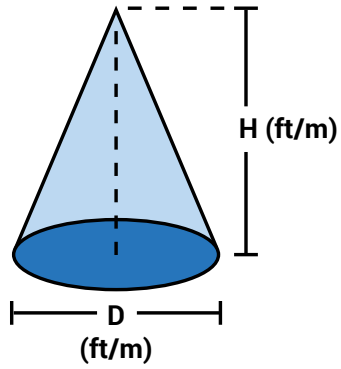
PHOTOMETRIC INFORMATION

ILLUMINANCE AT A DISTANCE

LENGTH
47'

WATTAGE
18W

VOLTAGE
100-120V



H (ft/m)	LUX	FC	D (ft/m)
6.6' (2m)	103.5	9.6	75.2' (22.9m)
9.8' (3m)	46.0	4.3	38.8' (34.3m)
13.1' (4m)	25.9	2.4	150.1' (45.7m)
16.4' (5m)	16.6	1.5	178.9' (57.2m)
19.7' (6m)	11.5	1.1	225.4' (68.6m)

*Based on operation at 4000K & 120V.