LED Linear Shelf Task Light
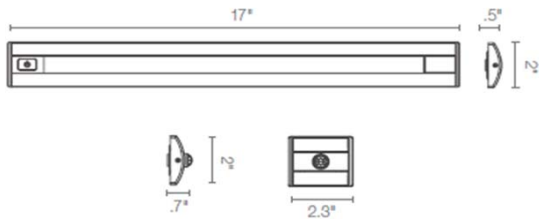
Style #	Width	Description	Power Supply Wattage	Optional High Output	Optional Occupancy Sensor
LLL17	17"	Stand alone light fixture - *power supply cannot be used to daisy chain*	15W		
LLL17YA	17"	Daisy chain starter light fixture		Yes	Yes
LLL31	31"		60W		
LLL44	44"	Stand alone or daisy chain starter light			
LLL58	58"				
LLL17YB	17"	Daisy chain secondary light with jumper cords only			
LLL31YB	31"		N/A	Yes	N/A
LLL44YB	44""	***For power specify starter light fixture with 60 Watt*			
LLL58YB	58"	power supply			

Features

Standard Light Output with optional High Light Output - *note difference in # of LEDs per fixture below*
Optional occupancy sensor turns fixture off after 30 minutes of no activity
Single touch on/off and touch and hold 100% - 15% continuous dimming pad with last state memory
A properly diffused light source distributes light evenly across the worksurface that reduces eye strain
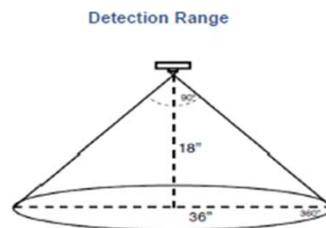Includes standard magnet mount and wood mount brackets

Dimensions

Light fixture   17", 31", 44" or 58" W / 0.5" H / 2" D
Occupancy Sensor   2.3" W / 0.7" H / 2" D

Occupancy Sensor

Turns off after 30 minutes of no activity
360° lens view
90° outward detection angle
30" diameter coverage if mounted 15" above worksurface
36" diameter coverage if mounted 18" above worksurface
Connects to fixture with 1" end to end connector, 8" or 30" jumper cords

Detection Range

Technical Specs

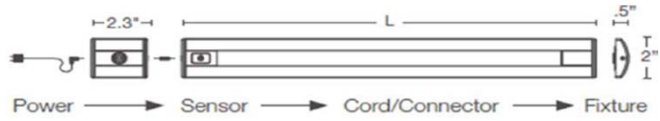|	
Light Output	Standard or optional High *note difference in # of LEDs per fixture below*
Color temperature	3500K
Color rendering index	84
Average rate of lamp life	50,000 hours
Full range dimming control	100% - 15% continuous
Occupancy sensor option	Turns fixture off after 30 minutes of no activity .
Automatic turn off program	Turns off after 10 Hours +/- 15 mins
Power cord - black	9' (15 Watt) 12' (60 Watt)
Certifications	ETL, TAA, BAA
Finish:	Aluminum with white endcaps or Black with black endcaps
Warranty	12 years (5 years on driver)

SO = Standard Output HO = High Output

	Bin width guide	*SO / HO # of LEDs*	*SO / HO LED Wattage*	*SO / HO System Wattage*
17"	24" - 36"	24 / 47	6.6 / 10.9	7.8 / 12.8
31"	42" - 48"	48 / 94	14.8 / 23.4	17.6 / 28.4
44"	54" - 60"	72 / 141	21.8 / 34.3	25.9 / 42.5
58"	72"+	96 / 188	28.2 / 43.5	33.6 / 54.2

Daisy chain combinations:

A 60 watt power supply is required.

Total system wattage of all fixtures together cannot meet or exceed 60 watts

Cannot daisy chain 58" high output fixtures

Cannot daisy chain standard and high output fixtures together

Occupancy sensor must be positioned between the power supply and first fixture

Chart for Daisy Chaining Fixtures

Standard Output Linear Shelf Light 17"	31"	44"	58"		High Output Linear Shelf Light 17"	31"	44"
6	0	0	0		4	0	0
5	0	0	0		3	0	0
4	1	0	0		2	1	0
4	0	0	0		2	0	0
3	1	0	0		1	1	0
3	0	1	0		1	0	1
3	0	0	0		0	2	0
2	2	0	0				
2	1	0	0				
2	0	1	0				
2	0	0	1				
2	0	0	0				
1	2	0	0				
1	1	1	0				
1	0	1	0				
1	0	0	1				
0	3	0	0				
0	2	0	0				
0	1	1	0				
0	1	0	1				
0	0	2	0				

*A 60 watt power supply is required for daisy chaining

*Total system wattage of all fixtures together cannot meet or exceed 60 watts, see chart

*cannot daisy chain standard output and high output together

*cannot daisy chain 58" High Output fixtures

*Occupancy sensor must be positioned between the power supply and the first starter fixture

*only need 1 sensor when daisy chaining

Tip: Each row is the maximum number of fixtures that can be daisy chained together.

Power ———> Sensor ———> Cord/Connector ———> Fixture

Footcandles

Standard Output*

17"

	18"	12"	6"	CL	6"	12"	18"
12"	11	19	28	33	28	19	11
6"	15	30	50	60	50	30	15
CL	17	36	62	76	62	36	17
6"	15	30	50	60	50	30	15
12"	11	19	28	33	28	19	11

31"

	18"	12"	6"	CL	6"	12"	18"
12"	28	43	55	59	55	43	28
6"	44	73	96	104	96	73	44
CL	53	91	121	131	121	91	53
6"	44	73	96	104	96	73	44
12"	28	43	55	59	55	43	28

44"

	18"	12"	6"	CL	6"	12"	18"
12"	48	61	69	71	69	61	48
6"	80	104	116	119	116	104	80
CL	99	129	144	148	144	129	99
6"	80	104	116	119	116	104	80
12"	48	61	69	71	69	61	48

58"

	18"	12"	6"	CL	6"	12"	18"
12"	63	70	74	74	74	70	63
6"	106	117	122	123	122	117	106
CL	131	145	150	151	150	145	131
6"	106	117	122	123	122	117	106
12"	63	70	74	74	74	70	63

High Output*

17"

	18"	12"	6"	CL	6"	12"	18"
12"	17	31	46	54	46	31	17
6"	26	51	83	100	83	51	26
CL	30	62	107	130	107	62	30
6"	26	51	83	100	83	51	26
12"	17	31	46	54	46	31	17

31"

	18"	12"	6"	CL	6"	12"	18"
12"	46	71	90	97	90	71	46
6"	73	121	158	171	158	121	73
CL	87	149	198	213	198	149	87
6"	73	121	158	171	158	121	73
12"	46	71	90	97	90	71	46

44"

	18"	12"	6"	CL	6"	12"	18"
12"	78	99	112	116	112	99	78
6"	131	170	190	196	190	170	131
CL	160	211	235	244	235	211	160
6"	131	170	190	196	190	170	131
12"	78	99	112	116	112	99	78

58"

	18"	12"	6"	CL	6"	12"	18"
12"	100	112	119	121	119	112	100
6"	169	188	198	200	198	188	169
CL	210	232	242	245	242	232	210
6"	169	118	198	200	198	188	169
12"	100	112	119	121	119	112	100

*Measured 18" above the worksurface

Certifications:
ETL
TAA
BAA

Sustainability
89% post-consumer recyclability by weight
Fully recyclable aluminum housing
Mercury-free LEDs
No management and/or recycling of fluorescent bulbs

LEED Certification
The use of LED lights can contribute to LEED certification.
LED lighting can be considered in the following areas:
Energy and Atmosphere (EA) - Optimizing energy performance.   LED lights require less energy to operate

Indoor Environmental Quality (IEQ) - Controllability of systems-lighting. LED Linear LED lights provide user controlled dimming, which reduces light levels and power consumption.

Innovation and Design (ID) - The utilization of innovative products can contribute to this section. LED lighting is relatively new to the business environment and can be considered innovative in its use.