

Catalog Number:	Project Name:	Note:	Date:	Type:
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DESCRIPTION

The LSFA series is a slim, light weight and energy efficient luminaire that is equipped with 0-10V dimming capability and a field-adjustable wattage selector.

The fixture includes standard surface mounting kit excellent for utility applications such as parking garage, warehouse, hallway, storage facility, restrooms and stairwell.



Available in
4' / 8'
WATTAGE
3W
SELECTOR

CONSTRUCTION

The luminaire features matte white finish and galvanized housing. T-bar mounting hole make it easy for installation, and multiple knock-outs provide options for occupancy sensor.

OPTICAL SYSTEM

Luminaire is built with the highest quality driver that is Universal Voltage (120V-277V), uses long lasting, high-efficient LED package.

LENS

Frosted lens diffuser reduces glare and improves overall light output.

SENSOR READY

Motion sensor and daylight harvesting sensor available, can do in-house installation.

ENERGY SAVINGS

Over 50% energy savings than traditionally fluorescent fixtures, low heat productions requires less maintenance and operation cost.

LISTING

UL Listed, DLC Premium Listed

WARRANTY

5 year Limited Warranty, Rated for 50,000 hours.
See Warranty documentation for details.

	WATTAGE	DELIVERED LUMENS	EFFICACY
4'	25W/30W/40W	5440 @ 4000K	136 lm/W
8'	55W/60W/65W	8580 @ 4000K	132 lm/W

Based on the highest wattage @ 4000K default setting, 80 CRI. Actual lumens may vary.

TECHNICAL SPECIFICATION

CCT	3500K, 4000K, 5000K
CRI	80+
DIMMABLE	0-10V dimming
BEAM ANGLE	120°
VOLTAGE	120V-277V
POWER FREQUENCY	50/60 Hz
POWER FACTOR	>0.9
THD	≤10%
WORKING TEMPERATURE	-40°F ~ 122°F
STORAGE TEMPERATURE	-40°F ~ 158°F
IP RATING	IP44, Suitable for damp locations
WARRANTY	5 year limited

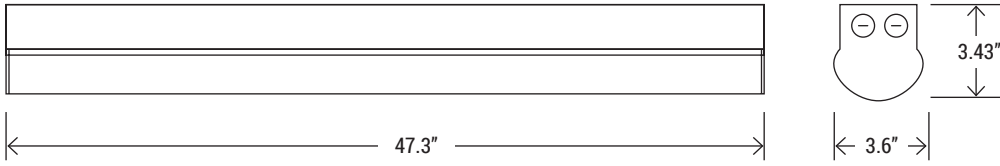


ORDERING SAMPLE: - - - - - -

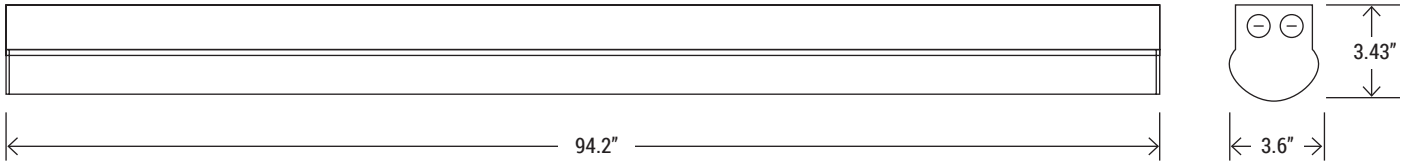
Series	Wattage	CCT	Accessories/Options			
			EM Battery	Sensor	Mounting	Other
PT-LSFA LED Linear Strip Field-Adjustable	4FT (4-footer)	35K (3500K) 40K (4000K) 50K (5000K)	___ Blank EM (EM Battery)	___ Blank PT-MSH-PR MSH-RC2	___ Blank (Standard surface mount) PM	HW-SL
	8FT (8-footer)	40K (4000K) 50K (5000K)				

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DIMENSION



4' PT-LSFA Series



8' PT-LSFA Series

MOUNTING OPTION



SM
Surface mount



PM
Pendant mount



HW-LS
Hanging wire for strip light

SENSOR OPTION



PT-MSH-PR
Motion Sensor



MSH-RC2
Intelligent Control Unit

EM BATTERY OPTION



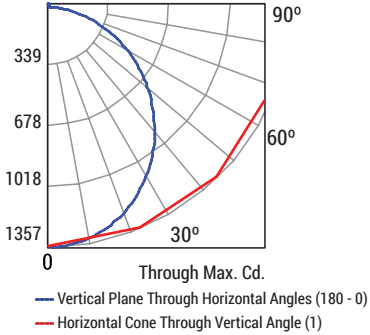
EM
LED Emergency Driver

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PHOTOMETRY

PT-LSFA-4FT	Wattage: 40W	Delivered lumens: 5148	Efficacy: 132 lm/W	CCT: 3500K	CRI: 80
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Maximum Candela : 1356.8



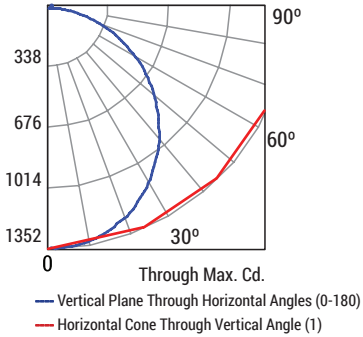
RCR	Coefficients of Utilization											
	pfc		20%									
	pcc		80%				70%				50%	
	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	116	116	116	116	116	112	112	112	112	105	105	105
1	104	98	93	88	100	94	90	85	88	84	81	
2	93	84	76	70	90	81	74	68	76	66	62	
3	85	73	64	57	81	71	63	56	66	59	53	
4	77	64	55	48	74	62	54	47	58	41	45	
5	71	57	48	41	68	55	47	40	52	44	39	
6	65	51	42	35	63	50	41	35	47	39	34	
7	60	46	37	31	58	45	37	31	42	35	38	
8	56	42	34	28	54	41	33	27	39	32	26	
9	52	39	30	25	50	38	30	24	36	29	24	
10	49	36	28	22	47	35	27	22	33	26	21	

CP Summary		
	0°	90°
0°	1350.6	1350.6
5°	1350.2	1343.6
15°	1287.6	1308.2
25°	1177.7	1240.3
35°	1027.3	1144.8
45°	843.4	1025.4
55°	642.3	893.3
65°	426.2	755.3
75°	220.6	621.4
85°	47.9	495.9
90°	8.2	432.2

Zonal Lumen Summary		
	Lumens	%Fixture
0° - 20°	494.12	9.60
0° - 30°	1051.2	20.40
0° - 40°	1729.79	33.60
0° - 60°	3141.15	61.00
0° - 80°	4207.16	81.70
0° - 90°	4543.02	88.30

PT-LSFA-4FT	Wattage: 40W	Delivered lumens: 5136	Efficacy: 132 lm/W	CCT: 4000K	CRI: 80
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Maximum Candela : 1352.1



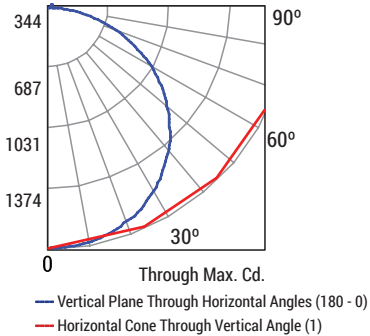
RCR	Coefficients of Utilization											
	pfc		20%									
	pcc		80%				70%				50%	
	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	116	116	116	116	116	112	112	112	112	105	105	105
1	104	98	93	88	100	94	90	85	88	84	81	
2	93	84	76	70	89	81	74	68	76	70	65	
3	85	73	64	57	81	71	62	56	66	59	53	
4	77	64	55	48	74	62	54	47	58	51	45	
5	71	57	48	41	68	55	47	40	52	44	39	
6	65	51	42	35	62	50	41	35	47	39	34	
7	60	46	37	31	58	45	37	31	42	35	30	
8	56	42	34	28	54	41	33	27	39	31	26	
9	52	39	30	25	50	38	30	24	36	29	24	
10	49	36	28	22	47	35	27	22	33	26	21	

CP Summary		
	0°	90°
0°	1343.8	1343.8
5°	1344.5	1334.6
15°	1286.5	1291.7
25°	1177.3	1213.8
35°	1028.0	1109.8
45°	847.2	992.8
55°	647.4	856.6
65°	436.3	722.2
75°	224.9	588.5
85°	50.6	467.7
90°	9.1	407.7

Zonal Lumen Summary		
	Lumens	%Fixture
0° - 20°	494.12	9.60
0° - 30°	1051.2	20.40
0° - 40°	1729.79	33.60
0° - 60°	3141.15	61.00
0° - 80°	4207.16	81.70
0° - 90°	4543.02	88.30

PT-LSFA-4FT	Wattage: 40W	Delivered lumens: 5228	Efficacy: 133 lm/W	CCT: 5000K	CRI: 80
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Maximum Candela : 1374.2



RCR	Coefficients of Utilization											
	pfc		20%									
	pcc		80%				70%				50%	
	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	116	116	116	116	116	112	112	112	112	105	105	105
1	104	98	93	88	100	94	90	85	88	84	81	
2	93	84	76	70	89	81	74	68	76	70	65	
3	85	73	64	57	81	71	62	56	66	59	53	
4	77	64	55	48	74	62	54	47	58	51	45	
5	71	57	48	41	68	55	47	40	52	44	39	
6	65	51	42	35	62	50	41	35	47	39	34	
7	60	46	37	31	58	45	37	31	42	35	30	
8	56	42	34	28	54	41	33	27	39	31	26	
9	52	39	30	25	50	38	30	24	36	29	24	
10	49	36	28	22	47	35	27	22	33	26	21	

CP Summary		
	0°	90°
0°	1366.2	1366.2
5°	1363.7	1358.9
15°	1303.9	1323.9
25°	1195.3	1255.6
35°	1044.5	1158.5
45°	843.4	1025.4
55°	650.5	904.8
65°	441.3	765.9
75°	224.2	631.6
85°	48.9	502.5
90°	8.0	439.5

Zonal Lumen Summary		
	Lumens	%Fixture
0° - 20°	499.92	9.60
0° - 30°	1063.86	20.30
0° - 40°	1751.29	33.50
0° - 60°	3182.46	60.90
0° - 80°	4265.30	81.60
0° - 90°	4607.93	88.10



DLC LISTING

CATALOG NUMBER	WATTAGE	DELIVERED LUMENS	EFFICACY	DLC PRODUCT ID	CLASSIFICATION
PT-LSFA-4FT-35K	40W	5417	137 lm/W	PLYRRVJ4BFCH	PREMIUM
PT-LSFA-4FT-40K		5440	136 lm/W	PLONTCGXEHI	PREMIUM
PT-LSFA-4FT-50K		5480	137 lm/W	PL5858MJ6H9C	PREMIUM
PT-LSFA-8FT-40K	65W	8580	132 lm/W	PLTML1F9YJV1	PREMIUM
PT-LSFA-8FT-50K		8645	133 lm/W	PLFZE4270A8	PREMIUM

Based on the highest wattagesetting, 80 CRI. Actual lumens may vary.