

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 factory 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
<b>4'</b>	25W/30W/40W	5440 @ 4000K	136 lm/W
<b>8'</b>	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	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



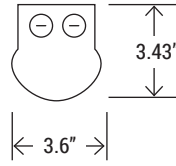
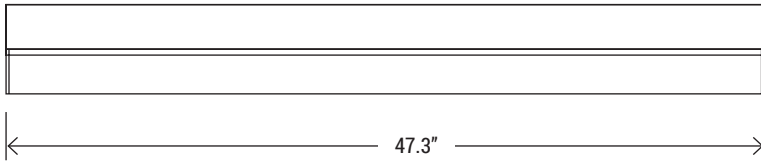
ORDERING SAMPLE:

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Series	Wattage	CCT	Accessories/Options		
PT-LSFA LED Linear Strip Field-Adjustable	4FT (4-footer)	40K (4000K) 50K (5000K)	EM Battery ___ Blank PT-EMN-08W-050	Sensor ___ Blank PT-MSH-PR MSH-RC2	Mounting ___ Blank (Standard surface mount) A-CBL
	8FT (8-footer)	40K (4000K) 50K (5000K)	PT-EMN-15W-050		

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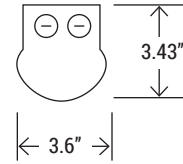
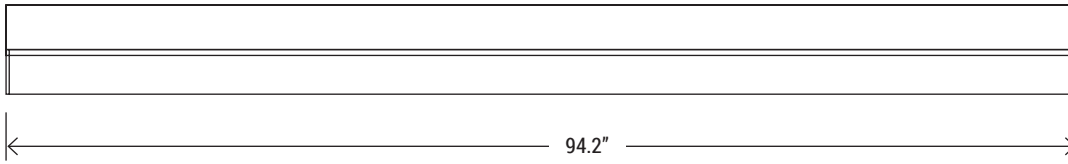
**DIMENSION**



QTY/BOX

**6**

**4'** PT-LSFA Series



QTY/BOX

**4**

**8'** PT-LSFA Series

**MOUNTING OPTION**



**SM**  
Surface mount (Standard)  
Comes with j-box cover

**A-CBL**  
Hanging wire for strip light

**SENSOR OPTION**



**PT-MSH-PR**  
Motion Sensor



**MSH-RC2**  
Intelligent Control Unit  
(Required)

**EM BATTERY OPTION**



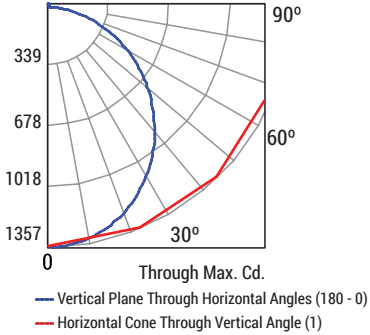
**PT-EMN-08W-050 (4FT)**  
**PT-EMN-15W-050 (8FT)**  
LED Emergency Driver

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**PHOTOMETRY**

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



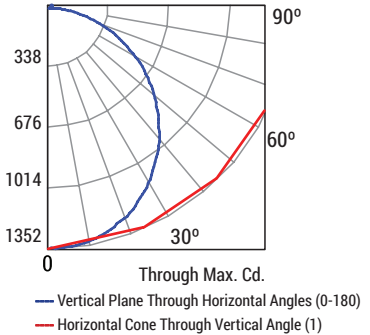
R/Cr	Coefficients of Utilization										
	20%										
	80%			70%				50%			
p/c											
p/c/c											
p/w	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	116	116	116	116	112	112	112	112	105	105	105
1	104	98	93	88	100	94	90	85	88	84	81
2	93	84	76	70	90	81	74	68	76	66	62
3	85	73	64	57	81	71	63	56	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

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



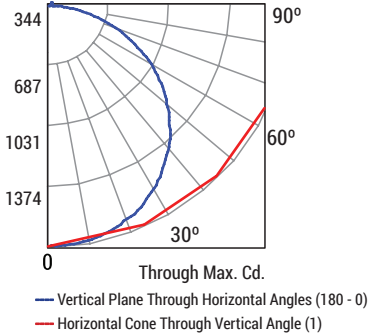
R/Cr	Coefficients of Utilization										
	20%										
	80%			70%				50%			
p/c											
p/c/c											
p/w	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	116	116	116	116	112	112	112	112	105	105	105
1	104	98	93	88	100	94	90	85	88	84	81
2	93	84	76	70	89	81	74	68	76	70	65
3	85	73	64	57	81	71	62	56	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

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



R/Cr	Coefficients of Utilization										
	20%										
	80%			70%				50%			
p/c											
p/c/c											
p/w	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	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-40K	40W	5440	136 lm/W	PLONTCGXEHD1	PREMIUM
PT-LSFA-4FT-50K		5480	137 lm/W	PLVBW5DDHI5	PREMIUM
PT-LSFA-8FT-40K	65W	8580	132 lm/W	S-4PJNMX	PREMIUM
PT-LSFA-8FT-50K		8645	133 lm/W	S-2L1H84	PREMIUM

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