

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
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
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	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



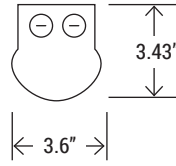
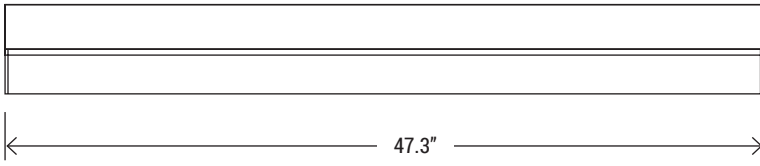
ORDERING SAMPLE:

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

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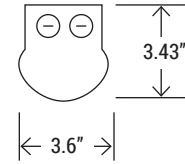
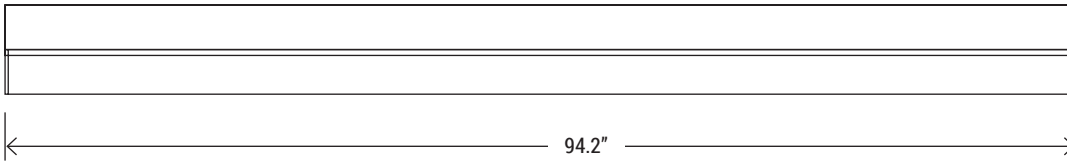
DIMENSION



QTY/BOX

6

4' PT-LSFA Series



QTY/BOX

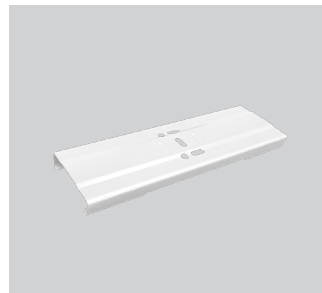
4

8' PT-LSFA Series

MOUNTING OPTION



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



CON-LSFA
Connector



A-CBL
Hanging wire for strip light

SENSOR OPTION



PT-MSH-PR
Motion Sensor



MSH-RC2
Intelligent Control Unit
(Required)

EM BATTERY OPTION



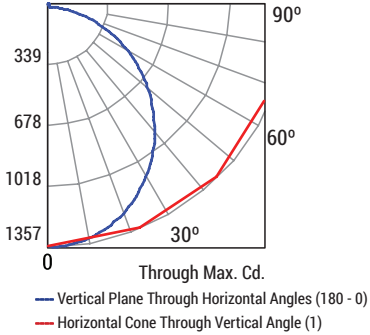
PT-EMN-08W-050 (4FT)
PT-EMN-15W-050 (8FT)
LED Emergency Driver

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



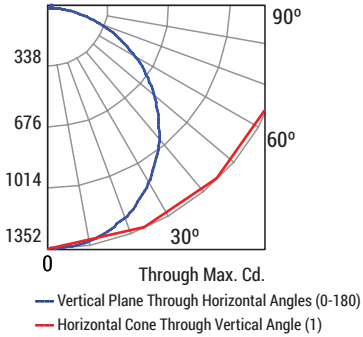
R/Cr	Coefficients of Utilization										
	80%			70%				50%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	116	116	116	116	112	112	112	112	105	105	105
1	104	98	93	88	100	94	90	85	88	84	81
2	93	84	76	70	90	81	74	68	76	66	62
3	85	73	64	57	81	71	63	56	66	59	53
4	77	64	55	48	74	62	54	47	58	41	45
5	71	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°	90°	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



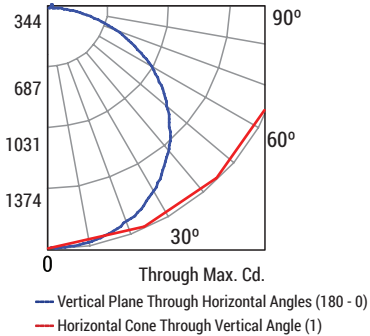
R/Cr	Coefficients of Utilization										
	80%			70%				50%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	116	116	116	116	112	112	112	112	105	105	105
1	104	98	93	88	100	94	90	85	88	84	81
2	93	84	76	70	89	81	74	68	76	70	65
3	85	73	64	57	81	71	62	56	66	59	53
4	77	64	55	48	74	62	54	47	58	51	45
5	71	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°	90°	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



R/Cr	Coefficients of Utilization										
	80%			70%				50%			
	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°	90°	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.