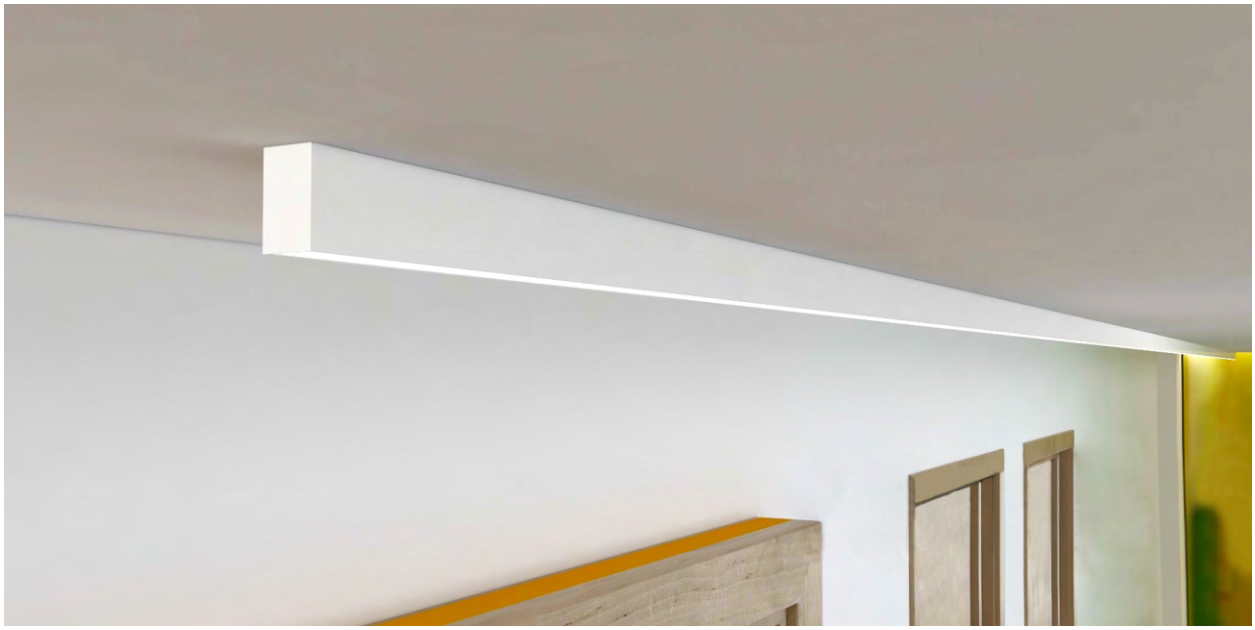
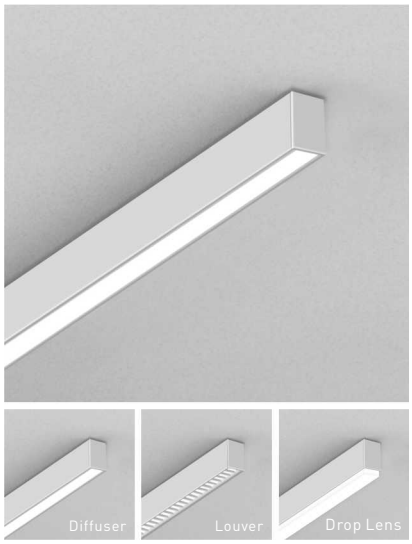
PFX-5308-SURFACE

SPEC-GRADE ARCHITECTURAL LED LINEAR LIGHT

CERTIFIED · 5-YEAR WARRANTY · Wattage Selectable · CCT SELECTABLE



PFX-5308 linear surface lighting is a unique linear series that brings any space to the center stage. These timeless, streamlined forms blend well with contemporary decors and modern workplaces. These linear luminaries is available in 2ft, 4ft and 8ft, simply provide wide, powerful lighting to any atmosphere with continuous runs. Unleash lighting design flexibility with PFX-5308 linear surface lighting with different shapes and patterns, it adds fun factor into each room. These creations will let you suggest rhythm, communicate meaning and showcase element of life.



Feature

90+ CRI
CCT adjustable and wattage selectable
Available in diffuser, louver and drop lens
Individual units or continuous runs
Custom pattern with optional Line, L, X, T, Y, V joiners
2ft, 4ft and 8ft lengths

PERFORMANCE

Lens	Length	Wattage Selectable	100%DOWN		CCT Adjustable
			Efficacy	Lumen Output	
Diffuser	2'	20W/15W/10W	800m/ft	800~1600LM	3000K/3500K/4000K
	4'	40W/30W/20W		1600~3200LM	
	8'	80W/60W/40W		3200~6400LM	
Louver	2'	20W/15W/10W	700lm/ft	700~1400LM	3000K/3500K/4000K
	4'	40W/30W/20W		1400~2800LM	
	8'	80W/60W/40W		2800~5600LM	
Drop Lens	2'	20W/15W/10W	950lm/ft	950~1900LM	3000K/3500K/4000K
	4'	40W/30W/20W		1900~3800LM	
	8'	80W/60W/40W		3800~7600LM	

* Check the IES file to gain the accurate data.

973-340-6040
3 Luger Rd. #1 - Denville, NJ 07834
info@paraflex.com
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PARAFLEX
Fast Flexible Focused Lighting

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PRODUCT PERFORMANCE

Optics

It offers a selection of professional lens such as diffuser, louver and drop lens to meet your different requires.

Finish

- Extruded aluminum housing.
- Powder coat white and black finish or custom.

Electrical

LED Driver	It is powered by Class 2 high efficiency LED driver, with a standard 1-10V dimming which continuous dims to 10% that works with many types of controls. Tested Dimmers: Lutron ® Diva-Dvtv, Leviton ® IP-710-DL.
THD	<20%
Power Factor	>0.9
Input Voltage	Standard electronic drivers are cULus recognized and available for 110-277V or 110-347V*AC

Mounting

- Surface mount.
- Individual or continuous run
- Custom Pattern with optional Line, L, X, T, V, Y joiners.

LED System

CRI	Minimum 90 color rendering index
CCT	CCT adjustable from 3000K, 3500K and 4000K with a great color consistency.
Environment	Damp rated for ambient operating temperature of -20°C to +40°C (-4° to+104°F)

Approvals

- cULus listed, suitable for damp locations
- Designed for indoor use only
- 5 years limilted warranty

PRODUCT ORDERING GUIDE

Default Settings :Maximum wattage, 4000K and 100% down.

Sample

PFX-5308 -41 - I TW A D

PFX-5308	-		1	-	I	TW	A	
1		2	3		4	5	6	7

1. Base Model

☑ PFX-5308 Linear Surface

2. Length

☐ 2 2 feet ☐ 4 4 feet ☐ 8 8 feet

3. Width

☑ 1 1.3 inch

4. Driver

☑ I Internal

5. CCT

☑ TW CCT adjustable from 3000K, 3500K and 4000K

6. Light Distribution

☑ A 2 Lighting Distribution By Dip Switch
25%Up/75% Down, 100% Down

7. Optics Options

☐ D Diffuser ☐ L Louver*
☐ C Drop Lens *

OPTIONAL ORDERING GUIDE

Joiner

☐ Line Joiner ☐ "T" Joiner ☐ "X" Joiner
☐ "Y" Joiner ☐ "L" Joiner ☐ "V" Joiner*

Optional Accessory

☐ Rolling Diffuser (42')

Optional Functions

☐ LED Emergency Driver (Order Separated)

*Additional cost and/or lead time on customized fixtures may apply. Some fixtures require an MOQ. Please contact your sales rep for more information.

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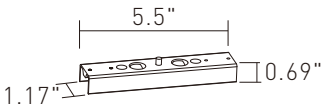
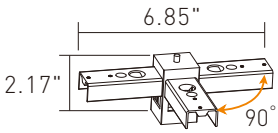
MOUNTING

Surface Mounting Kits

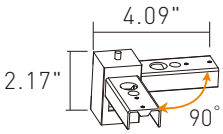
Custom Pattern With Joiners



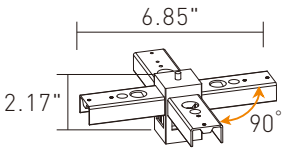
Line Joiner



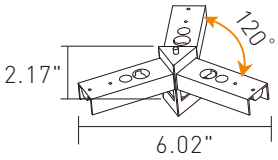
"T" Joiner



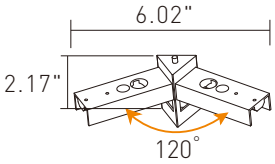
"L" Joiner



"X" Joiner

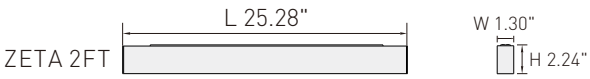


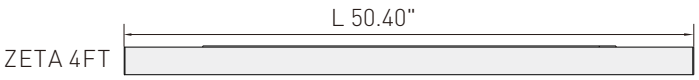
"Y" Joiner



"V" Joiner

DIMENSIONS





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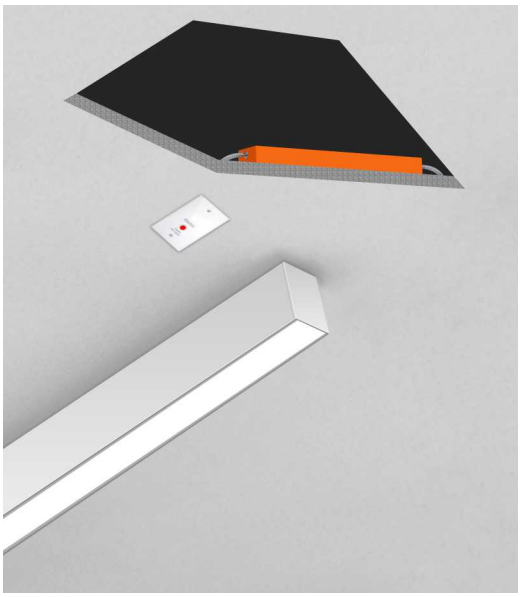
OPTIONAL FUNCTION

Emergency Option

Paraflex Lighting offers UL& CEC Listed LED emergency drivers. They could be factory installed or field installed. When AC power fails it, immediately switches to the emergency mode operating for lighting minimum 90 minutes. When AC power is restored it, automatically returns to the charging mode which meets critical life-safety lighting requirements.



Order Separated LED emergency driver

Optional 8w or 25w high voltage LED emergency driver can be provided if you need and do it wiring in field. For more info or spec sheet please visit our, website or contact sales.

Code-Required Testing

- Initial Self-Test After Installation

It will perform a functional test in 3 seconds after the driver installed to check the wiring and battery output when work. The indicator LED will be off or flicker in case of a failure or an error.

- Second Self-Test In 120 Minutes

It will perform second test in 120 minutes to check again. Upgrade in Gen 3: Repeat 4 times in every 120 minutes if fail in the second test.

- Monthly Self-Test

It will automatically perform a test every 30 days with a duration of 3 seconds, in which the wiring and battery output are checked. In case of a failure or an error, the indicator LED will be off or flicker.

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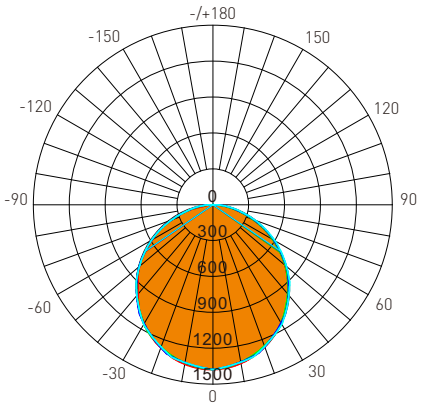
DISTRIBUTION DIAGRAM

4'/Diffuser/100% Down/4000K



AVERAGE BEAM ANGLE(50%): 110.4°

Lumens: 3771.05 Lm
Watts: 40 W
LPW: 89.39 Lm/W
CCT: 4000K

UNIT:cd
C0/180, 109.7°
C30/270, 110.0°
C60/240, 110.7°
C90/270, 111.1°

Zonal Flux Diagram

ϒ	C0	C45	C90	C135	C180
5	1369	1359	1357	1361	1373
10	1347	1334	1337	1336	1354
15	1313	1303	1316	1299	1323
20	1266	1267	1262	1247	1272
25	1208	1205	1208	1186	1219
30	1140	1135	1154	1122	1153
35	1062	1062	1071	1050	1072
40	976.4	983.8	988.8	957.6	974.4
45	883.7	886.6	906.5	783.1	888.6
50	784.8	789.2	803.8	626.2	801.2
55	680.4	691.8	701.2	502.2	690.3
60	571.8	577.8	598.6	404.1	585.1
65	460.1	466.6	485.1	314.0	479.4
70	348.3	356.3	371.6	233.5	367.7
75	239.5	247.0	258.1	160.0	249.3
80	136.7	145.7	172.8	93.10	83.41
85	48.16	74.26	87.56	46.56	25.93
90	2.283	4.164	2.321	1.715	1.697
95	5.970	4.673	2.367	2.337	0.3687
100	5.849	5.182	2.414	2.964	0.5275
105	6.116	5.362	2.460	3.700	0.6953
110	6.410	5.514	2.778	4.412	0.9148
115	6.513	5.754	3.095	4.988	1.181
120	6.695	6.041	3.413	5.559	1.409
125	6.718	6.259	3.696	6.234	1.652
130	6.531	6.176	3.978	6.039	1.886
135	6.339	6.021	4.261	5.881	2.124
140	6.017	5.736	4.464	5.996	2.348
145	5.489	5.455	4.667	6.071	0.553
150	4.784	5.106	4.869	5.956	2.759
155	4.103	4.691	4.900	5.660	2.922
160	3.706	4.330	4.931	5.248	3.076
165	3.646	4.055	4.961	4.881	3.212
170	3.768	4.052	4.738	4.666	3.347
175	3.927	4.171	4.514	4.455	3.389
180	4.290	4.290	4.290	4.290	3.431
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

ϒ	ϕ total
0-5	32.69
5-10	129.3
10-15	286.3
15-20	498.3
20-25	757.0
25-30	1054
30-35	1379
35-40	1719
40-45	2062
45-50	2396
50-55	2707
55-60	2987
60-65	3229
65-70	3427
70-75	3576
75-80	3676
80-85	3732
85-90	3751
90-95	3752
95-100	3753
100-105	3754
105-110	3756
110-115	3757
115-120	3759
120-125	3761
125-130	3762
130-135	3764
135-140	3765
140-145	3767
145-150	3768
150-155	3769
155-160	3770
160-165	3770
165-170	3771
170-175	3771
175-180	3771
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	13157	23921
80	18739	23694
75	22034	23739
70	24246	25866
65	25919	27328
60	27229	28503
55	28242	29107
50	29070	29775
45	29757	30523

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