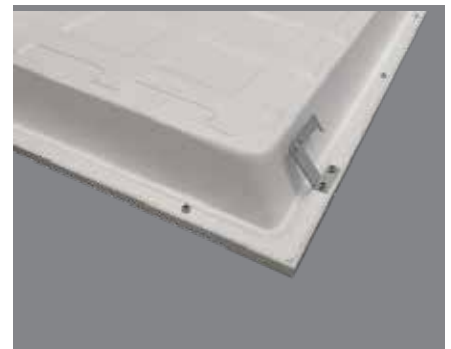
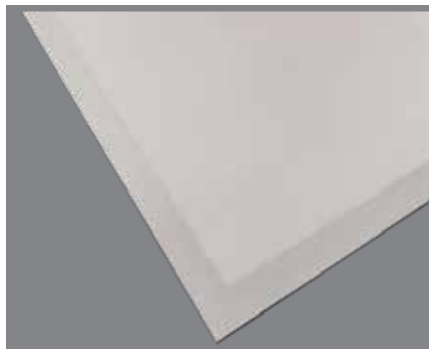


# Builder's Choice Series Led Panel Light, Backlit



**SKU#113000 FDPL-14BL-38-3CCT-120-347-D 1 X 4 Backlit**  
**SKU#113001 FDPL-22BL-38-3CCT-120-347-D 2 X 2 Backlit**  
**SKU#113002 FDPL-24BL-50-3CCT-120-347-D 2 X 4 Backlit**



## Optional Accessories

- surface mounting kit
- suspension cable - 1.2M or 1.5M in Length and Screws
- Recessed Clips



## Backup Emergency Power Supply

- SKU#110502 LED Emergency Pack, 10 watts, 15-55V DC, Min. 90 mins, Battery 6.4V, 120-347V, with Flexible Conduit
- SKU#110503 LED Emergency Pack, 20 watts, 15-55V DC, Min. 90 mins, Battery 9.6V, 120-347V, with Flexible Conduit

# Led Panel Light, Backlit



## Features

- High efficacy up to 125lm/w, meet DLC 5.1 premium version.
- LED lifespan 50000+ hours
- 5 years warranty.
- Input: 120-347V

## Application

Factory, office building, shopping center, home lighting etc.

## Driver Box Upgrade

- 35% larger wiring space
- Total 6 knock-out



# Led Panel Light, Backlit



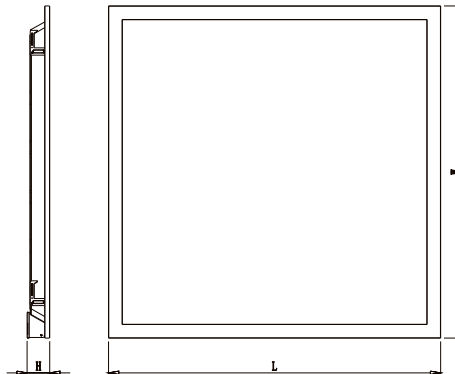
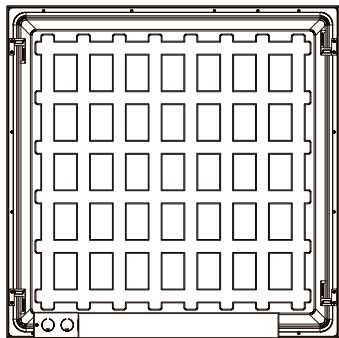
## Product parameter

Model	FDPL-22BL-38-3CCT-120-347-D	FDPL-14BL-38-3CCT-120-347-D	FDPL-24BL-50-3CCT-120-347-D
SIZE	2x2	1x4	2x4
Wattage(W)	25-30-38W	25-30-38W	40-45-50W
Efficacy(lm/w)	125	125	125
Colour Temp(K)	3500K-4000K-5000K	3500K-4000K-5000K	3500K-4000K-5000K
Lumens	3125-3750-4750lm	3125-3750-4750lm	5000-5625-6250lm
Dimming	0 - 10V DC		
CRI	>80		
Voltage	AC:120- 347V DC :28-54V		
PF	>0.9		
Beam angle	110 °		
Working Temperature	-25°C - 45°C		
Relative Humidity	10%-90%RH		
Gross weight	8.5kg	8.9kg	17.8kg
Carton Size	632 (L) x 175 (W) x 637 (H) mm	1242 (L) x 175 (W) x 337 (H) mm	1242 (L) x 175 (W) x 637 (H) mm

# Led Panel Light, Backlit



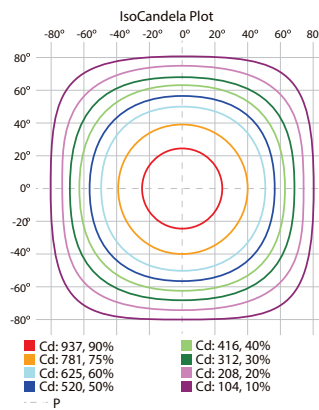
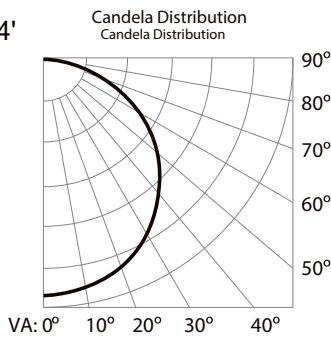
## Dimension Diagram



	L	W	H
2x4:	47.7"	23.7"	1.61"
1x4:	47.7"	11.9"	1.61"
2x2:	23.7"	23.7"	1.61"

## Photometrics

1' x 4'



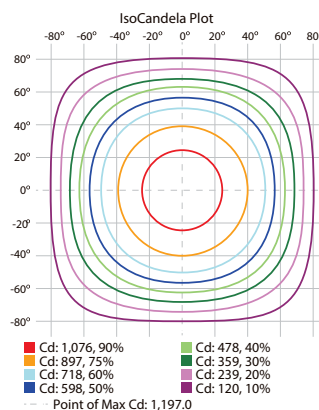
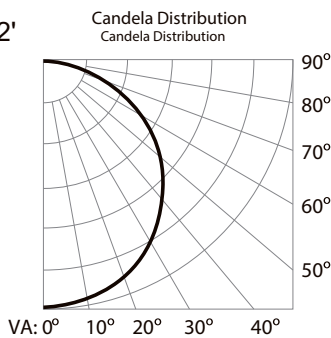
**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	810.7	26.9%
0-40	1,331.3	44.1%
0-60	2,365.7	78.4%
60-90	645.1	21.4%
70-100	271.7	9%
90-120	3.5	0.1%
0-90	3,010.8	99.7%
90-180	8.3	0.3%
0-180	3,019.2	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	98.5	3.3%	90-100	1.2	0%
0-40	282.6	9.4%	100-110	1.1	0%
0-60	429.7	14.2%	110-120	1.1	0%
30-40	520.5	17.2%	120-130	1.2	0%
40-50	542.5	18.0%	130-140	1.1	0%
50-60	492.0	16.3%	140-150	1.0	0%
60-70	374.6	12.4%	150-160	0.8	0%
70-80	213.1	7.1%	160-170	0.5	0%
80-90	57.4	1.9%	170-180	0.2	0%

2' x 2'



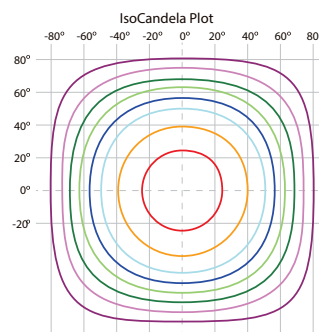
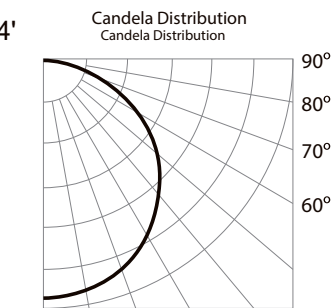
**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	930.9	26.9%
0-40	1,527.9	44.1%
0-60	2,714.0	78.4%
60-90	738.3	21.3%
70-100	309.9	9%
90-120	4.2	0.1%
0-90	3,452.3	99.7%
90-180	9.6	0.3%
0-180	3,461.9	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	113.2	3.3%	90-100	1.4	0%
0-40	324.5	9.4%	100-110	1.3	0%
0-60	493.2	14.2%	110-120	1.5	0%
20-30	493.2	14.2%	120-130	1.5	0%
30-40	597.0	17.2%	130-140	1.4	0%
40-50	622.1	18.0%	140-150	1.4	0%
50-60	563.9	16.3%	140-150	1.0	0%
60-70	429.8	12.4%	150-160	0.7	0%
70-80	245.0	7.1%	160-170	0.5	0%
80-90	63.5	1.8%	170-180	0.2	0%

2' x 4'



**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	1,417.7	26.8%
0-40	2,328.9	44.1%
0-60	4,141.5	78.4%
60-90	1,131.8	21.4%
70-100	476.4	9%
90-120	5.1	0.1%
0-90	5,273.4	99.8%
90-180	9.2	0.2%
0-180	5,282.6	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	172.1	3.3%	90-100	2.0	0%
0-40	494.0	9.4%	100-110	1.7	0%
0-60	751.7	14.2%	110-120	1.5	0%
30-40	911.2	17.2%	120-130	1.2	0%
40-50	950.5	18.0%	130-140	1.0	0%
50-60	862.1	16.3%	140-150	0.8	0%
60-70	429.8	12.4%	150-160	0.6	0%
70-80	375.8	7.1%	160-170	0.4	0%
80-90	98.6	1.9%	170-180	0.1	0%



RoHS