

# Builder's Choice Series Led Panel Light, Backlit



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



## Optional Accessories

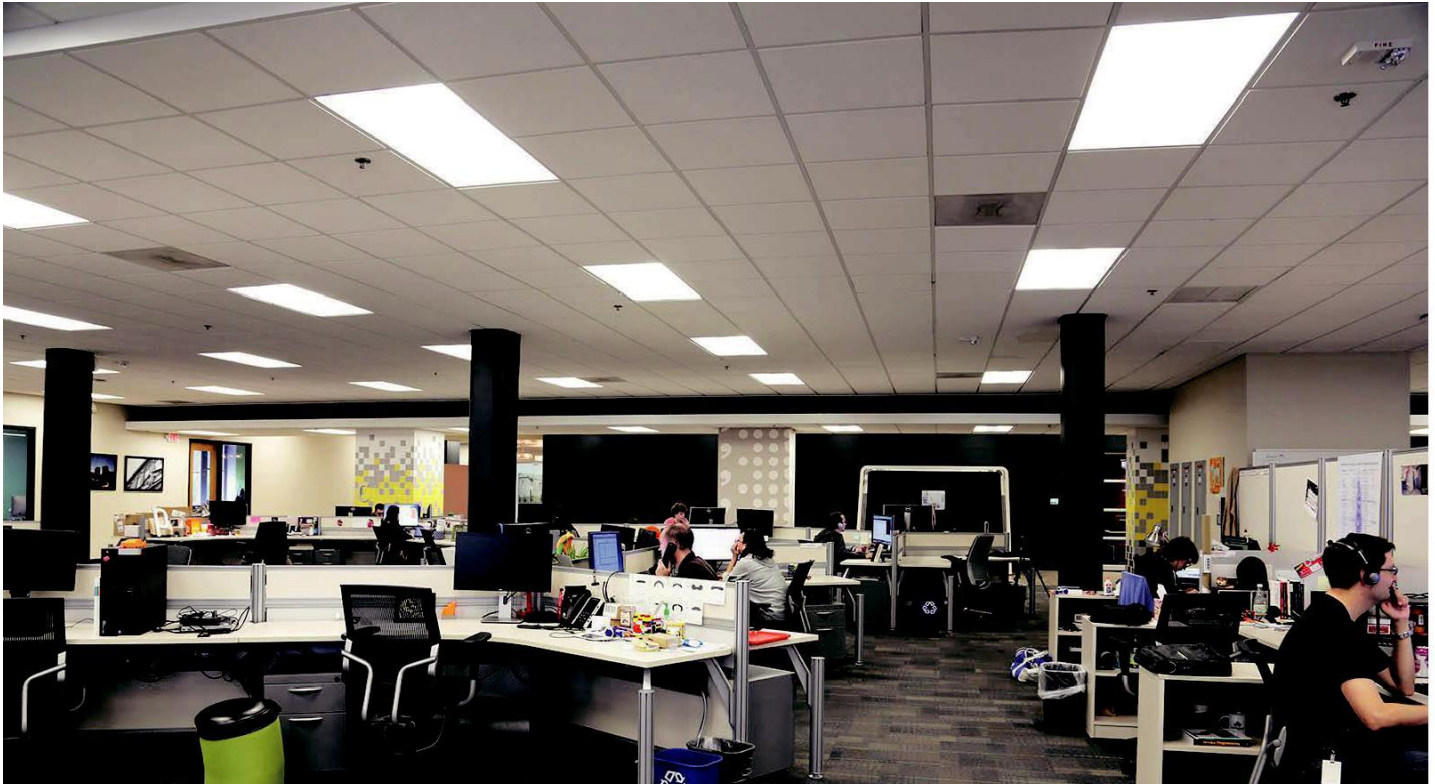
- surface mounting kit
- suspension cable - 1.2M or 1.5M in Length and Screws
- Recessed Clips



## 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 standard and 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



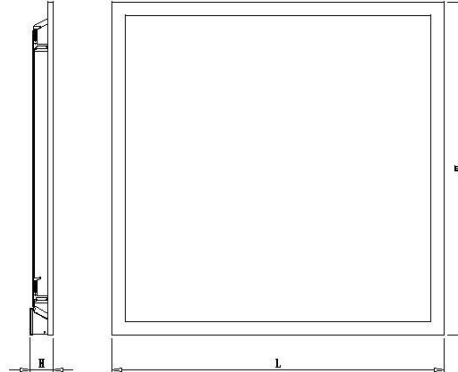
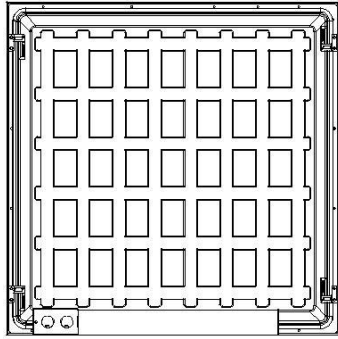
## Product parameter

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

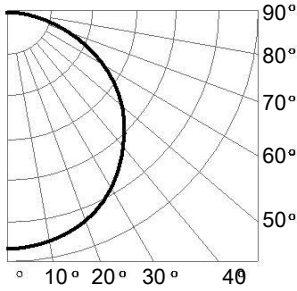


	L	W	H
2*4:	47.7"	23.7"	1.61"
1*4:	47.7"	11.9"	1.61"
2*2:	23.7"	23.7"	1.61"

## Photometrics

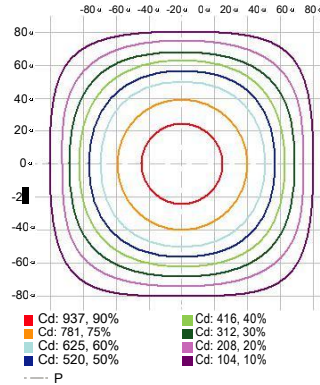
1' x 4'

Candela Distribution  
Candela Distribution



VA: 0

IsoCandela Plot



ZONAL LUMEN SUMMARY

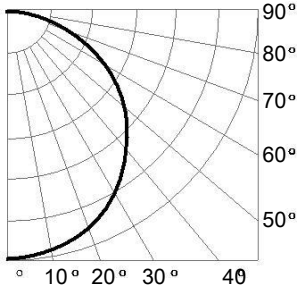
ZONE	LUMENS % LUMINAIRE
0-30	810.7 26.9%
0-40	1,331.3 44.1%
0-60	2,365.7 78.4%
60-90	645.1 21.4%
70-100	271.7 9%
90-120	3.5 0.1%
0-90	3,010.8 99.7%
90-180	8.3 0.3%
0-180	3,019.2 100%

LUMENS PER ZONE

ZONE	LUMENS % TOTAL	ZONE	LUMENS % TOTAL
0-10	98.5 3.3%	90-100	1.2 0%
10-20	282.6 9.4%	100-110	1.1 0%
20-30	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%

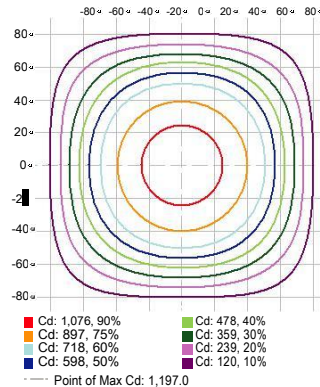
2' x 2'

Candela Distribution  
Candela Distribution



VA: 0

IsoCandela Plot



ZONAL LUMEN SUMMARY

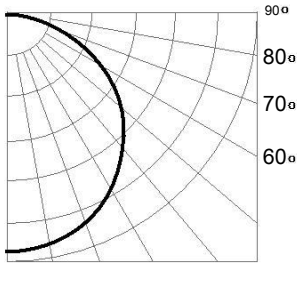
ZONE	LUMENS % LUMINAIRE
0-30	930.9 26.9%
0-40	1,527.9 44.1%
0-60	2,714.0 78.4%
60-90	738.3 21.3%
70-100	309.9 9%
90-120	4.2 0.1%
0-90	3,452.3 99.7%
90-180	9.6 0.3%
0-180	3,461.9 100%

LUMENS PER ZONE

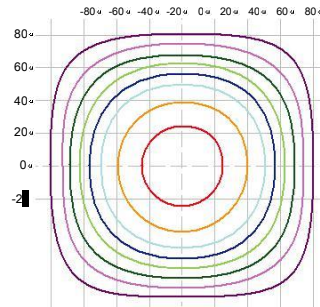
ZONE	LUMENS % TOTAL	ZONE	LUMENS % TOTAL
0-10	113.2 3.3%	90-100	1.4 0%
10-20	324.5 9.4%	100-110	1.3 0%
20-30	493.2 14.2%	110-120	1.5 0%
30-40	597.0 17.2%	120-130	1.5 0%
40-50	622.1 18.0%	130-140	1.4 0%
50-60	563.9 16.3%	140-150	1.0 0%
60-70	429.8 12.4%	150-160	0.7 0%
70-80	245.0 7.1%	160-170	0.5 0%
80-90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

2' x 4'

Candela Distribution  
Candela Distribution



IsoCandela Plot



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%
10-20	494.0 9.4%	100-110	1.7 0%
20-30	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	657.4 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%

