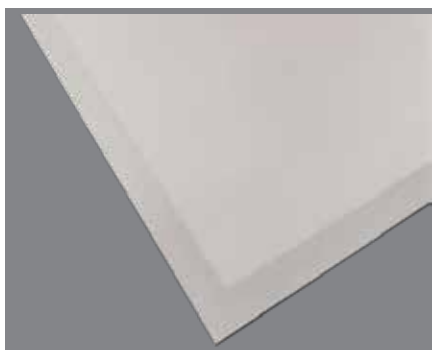




Builder's Choice Series Led Panel Light, Backlit



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



Factory Direct Lighting (2020) Ltd.

100 Shields Court Unit B
Markham, Ontario
Canada, L3R 9T5

Toll Free: 1-855-533-0743
Phone: 905-944-1210

cs@fdlighting.ca
sales@fdlighting.ca



RoHS

www.fdlighting.ca

Led Panel Light, Backlit



Features

- High efficacy up to 125lm/w, meet DLC 5.1 standard and premium version .
- 5 years warranty.
- Input: 120-347V
- Dimming 0-10V



Application

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



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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
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



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Led Panel Light, Backlit



Backlit LED PANEL LIGHT User Manual

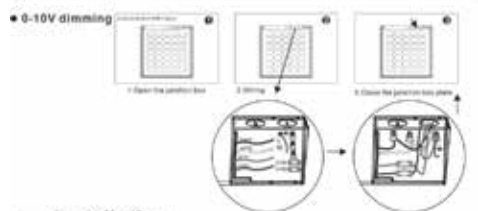


SKU

113000 FDPL-14BL-38-3CCT-120-347-D
113001 FDPL-22BL-38-3CCT-120-347-D
113002 FDPL-24BL-50-3CCT-120-347-D

All the pictures are just for references

Wiring

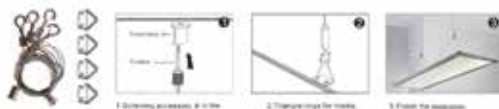


Installation

Recession



Suspension



Notes

- Indoor lighting only.
- Before installation, ensure the LED panel is not damaged.
- Don't stare at the LED luminous surface for long time.
- Keep away from children, and ensure working electrical apparatus inaccessible to them.
- No packages accessible to children, because they might be choked for playing, or eating the small accessories.
- No covering, be away from fire or high-temperature substances.
- Manufacturer reserves the right to offer no replacement or warranty to the LED panels disassembled or repaired by users themselves.
- Cut off power before cleaning the panels with dry cloth, use no chemical or corrosive substances.
- Cut off power before installation.
- The light source of this luminaire is not replaceable. When the light source reaches its end of life, the whole luminaire shall be replaced.

Included Parts

LED Panel Light x1
Instruction manual x1

Safety Information

CAUTION! Risk Of Electrical Shock

Turn off all power prior to installation by switching off circuit breaker or removing fuse at fuse box.

- This product should be installed by a certified electrician in accordance with relevant federal, state and local building and electrical codes

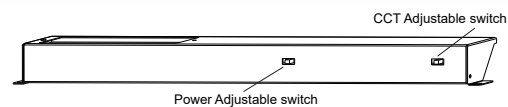
Common Failures & Solutions

Common Failures	Solutions
Light is out	Ensure the lamp is well connected. Ensure the switch is turned on.
Flicking	Ensure the voltage is stable. Ensure the dimmer is compatible.

Size



SIZE	L X W X H (mm)	L X W X H (Inch)
American Size		
2FT X 2 FT	602 X 602 X 30 mm	23.7 X 23.7 X 1.2"
1FT X 4 FT	298 X 1209 X 30 mm	11.74 X 47.6 X 1.2"
2FT X 4 FT	602 X 1209 X 30 mm	23.7 X 47.6 X 1.2"



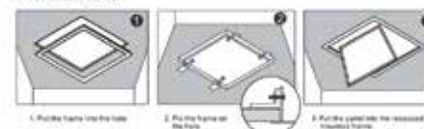
Surfaced mounted

Surfaced Mounted Frame



Recessed Frame

Recessed Frame



FCC Notes

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment's production and uses can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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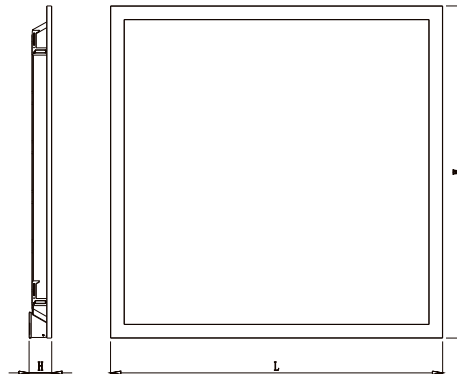
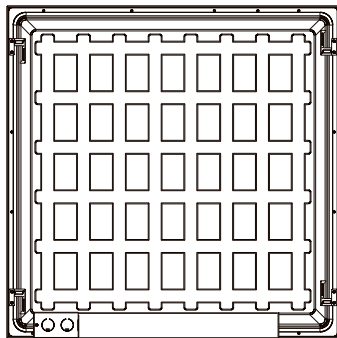
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Led Panel Light, Backlit



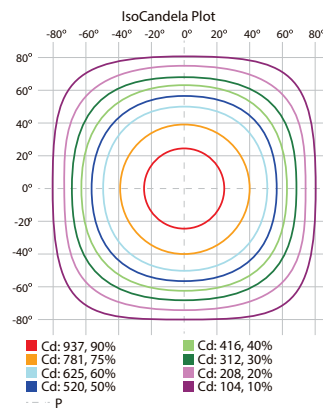
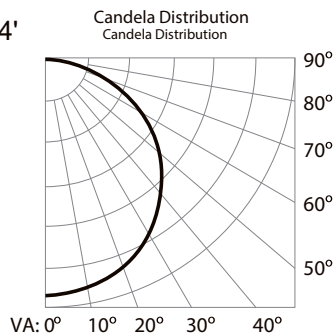
Dimension Diagram



	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	1,331.3	44.1%	100-110	1.1	0%
0-60	2,365.7	78.4%	110-120	1.1	0%
60-90	645.1	21.4%	120-130	1.2	0%
70-100	271.7	9%	130-140	1.1	0%
90-120	3.5	0.1%	140-150	1.0	0%
0-90	3,010.8	99.7%	150-160	0.8	0%
90-180	8.3	0.3%	160-170	0.5	0%
0-180	3,019.2	100%	170-180	0.2	0%

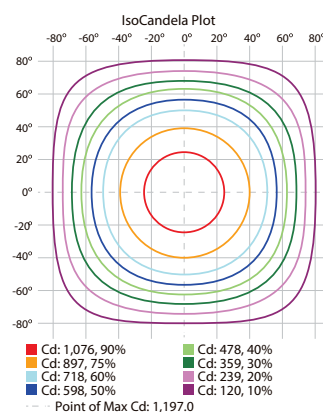
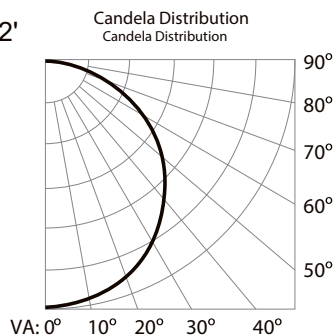
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70-100	271.7	9%	130-140	1.1	0%
90-120	3.5	0.1%	140-150	1.0	0%
0-90	3,010.8	99.7%	150-160	0.8	0%
90-180	8.3	0.3%	160-170	0.5	0%
0-180	3,019.2	100%	170-180	0.2	0%

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	1,527.9	44.1%	100-110	1.3	0%
0-60	2,714.0	78.4%	110-120	1.5	0%
60-90	738.3	21.3%	120-130	1.5	0%
70-100	309.9	9%	130-140	1.4	0%
90-120	4.2	0.1%	140-150	1.0	0%
0-90	3,452.3	99.7%	150-160	0.7	0%
90-180	9.6	0.3%	160-170	0.5	0%
0-180	3,461.9	100%	170-180	0.2	0%

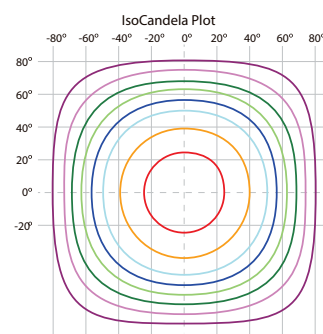
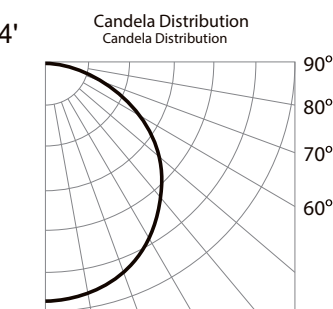
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70-100	309.9	9%	130-140	1.4	0%
90-120	4.2	0.1%	140-150	1.0	0%
0-90	3,452.3	99.7%	150-160	0.7	0%
90-180	9.6	0.3%	160-170	0.5	0%
0-180	3,461.9	100%	170-180	0.2	0%

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	2,328.9	44.1%	100-110	1.7	0%
0-60	4,141.5	78.4%	110-120	1.5	0%
60-90	1,131.8	21.4%	120-130	1.2	0%
70-100	476.4	9%	130-140	1.0	0%
90-120	5.1	0.1%	140-150	0.8	0%
0-90	5,273.4	99.8%	150-160	0.6	0%
90-180	9.2	0.2%	160-170	0.4	0%
0-180	5,282.6	100%	170-180	0.1	0%