naturaled®

PNL FLAT PANEL G1 & CCT3

PROJECT:

SCHEDULE: **DATE:**

PREPARE BY:

NOTES:

DESCRIPTION

naturaLED® qualified DLC Premium and Standard Flat Panels (PNL) have an integrated LED technology with a low profile design. The lightweight LED provide a smooth and uniform light distribution from edge-to-edge for an even and consistent color design. Perfect solution for your interior lighting needs for offices, schools, and meeting rooms. The Flat Panel are easily installed with maximum energy savings; comes in standard configurations of 1'x4', 2'x2', and 2'x4' for mounting in T-Bar/Grid ceilings or optional surface mount box kit.

Dimension: 2'x4'

Dimensions: 1'x4' and 2'x2'

Damp Location

5 YEAR WARRANTY

Enclosed Power Supply Box

Rated Life Hours 50,000
Warranty 5 Years

APPLICATIONS

Conference room, meeting rooms, offices, schools, hospitals

FEATURES

- Damp Location
- UL Listed
- Color Temp: 3500K, 4000K, 5000K, CCT3
- Voltage: 120-277V
- Power Factor: >0.9
- Surge Protection: 1KV
- Dimmable: 1-10V
- CRI: 80
- Operating temperature: - 4˚F - 104˚F
- Lighter weight housing for easy installation
- L70 rated chip for over 100,000 projected life hours
- Uniform and consistent color from edge to edge
- 5 Year Warranty
- Optional for Purchase: Surface Mount Kit, Emergency Driver Kit

ACCESSORIES

Surface Mount Kit

Emergency LED Driver + Bracket

Earthquake Hook (Pre-installed)

SAMPLE NUMBER	LED-FXPNL40/1X4/835G1

STYLE	FAMILY	SERIES	WATTAGE	SIZE	CRI	COLOR TEMP	VERSION
LED	FX	PNL	40	1X4	8	35	G1
LED Lighting	Fixture	Flat Panel Light	40 Watt	1ft x 4ft	CRI 80	3500K	G1 Version

DIMMABLE · UL CERTIFIED · FC · LM 79 · LM 80 · RoHS COMPLIANT · TITLE 24

ORDERING

Watts (W)	Ordering Code	Description	CCT (K)	Lumens (Lm)	Size	Equiv. Wattage (W)	Beam Angle	Damp Location
41	**7675**	LED-FXPNL40/1X4/840G1	4000K	4,397	1'x4'	90-100	110°	•
40	**7720**	LED-FXPNL40/2X2/835G1	3500K	4,381	2'x2'	90-100	110°	•
40	**7685**	LED-FXPNL40/2X2/850G1	5000K	4,489	2'x2'	90-100	110°	•
50	**9461**	FXPNL50/2X4/8CCT3	CCT3 (35/40/50K)	5,900	2'x4'	120-130	115°	•

ACCESSORIES (Ordered Separately)

Surface Mount Kit

P10097 MT-2X2BOXG1
(2'X2')

Emergency Battery

7338 BAEM8L-60BC/347-A
(Emergency backup driver for 2'x2'')

Earthquake Hook

P10100 MT-PNL-HOOK-6PCS
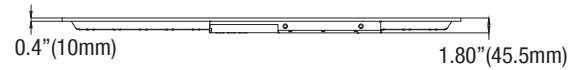(Edge Lit Panel Earthquake Hook)

DIMENSIONS

2'x 2'

Front

Back

23.7" (603mm)

20.5"(520mm)

0.39" (10mm)

1.79" (45.5mm)

1'x 4'

Front

12"(303mm)

48"(1212mm)

Back

20.5"(520mm)

1.77"(45mm)

0.4"(10mm)

1.80"(45.5mm)
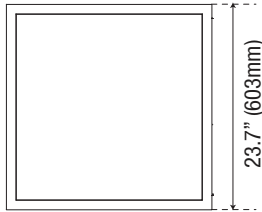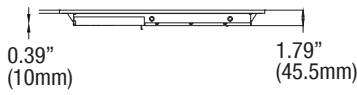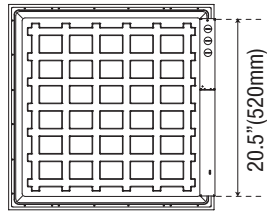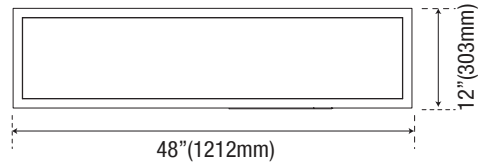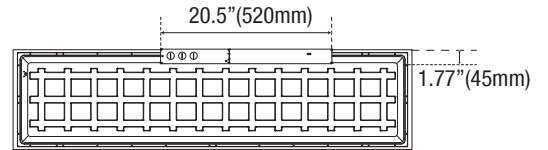
CEILING MOUNT KIT

2'x 2'

4.52" (114.8mm)
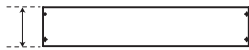
24"(609.6mm)

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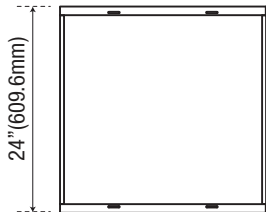
1'x 4'
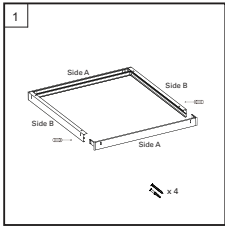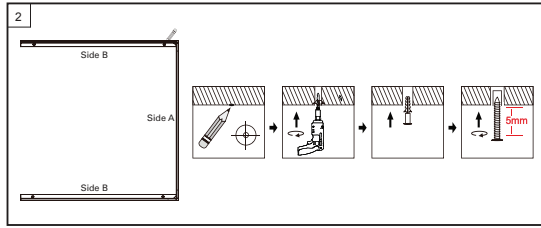
4.52" (114.8mm)

48.03"(1220mm)
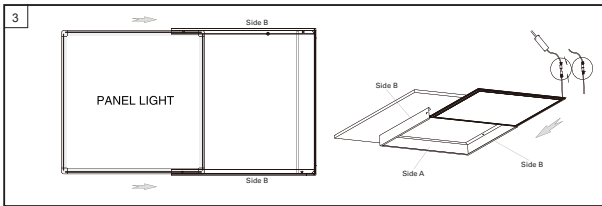
12.2"(310mm)
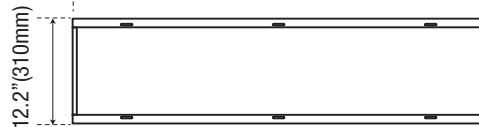
INSTALLATION

Surface Mount Kit

Connect 3 sides of the
surface mount frame with snap-on.

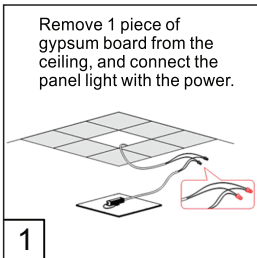Locate four mounting holes on Side B of the frame.
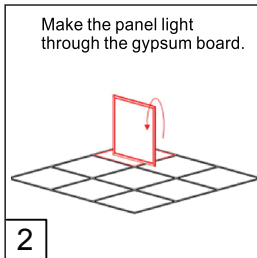Drill the hole and insert plastic anchors Fasten frame to the ceiling.

Slide in the panel light and connect the wires, then close the frame.
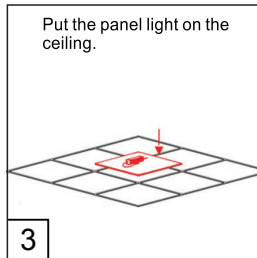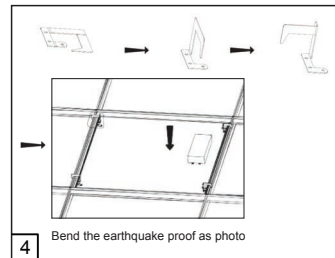
Recessed Mount

Remove 1 piece of gypsum board from the ceiling, and connect the panel light with the power.

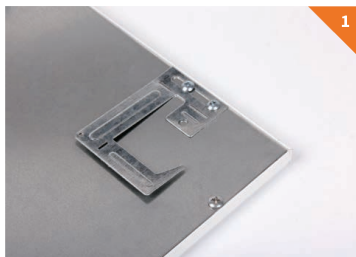Make the panel light through the gypsum board.

Put the panel light on the ceiling.

Bend the earthquake proof as photo

EARTHQUAKE HOOK

1. Pull earthquake hook away from panel until facing perpendicular to the panel backing (Fig. 1).
2. Bend hook arm until facing perpendicular to the hook body (Fig. 2).
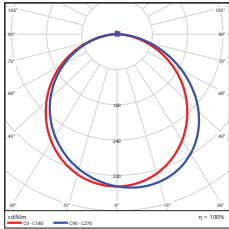3. Hook panel light onto T-bars until panel is fully supported (Fig. 3).

Earthquake Hooks

Before Installation

After Installation
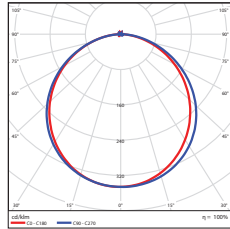
PHOTOMETRICS CHART

41 Watt - 1'x4'
DLC Standard

40 Watt - 2'x2'
DLC Standard

	Illuminance at a Distance		
	Center Beam fc	Beam Width	
2.5ft	242 fc	7.2 ft	7.6 ft
5.0ft	60.4 fc	14.4 ft	15.1 ft
7.5ft	26.9 fc	21.6 ft	22.7 ft
10.0ft	15.1 fc	28.8 ft	30.3 ft
12.5ft	9.67 fc	35.9 ft	37.8 ft
15.0ft	6.71 fc	43.1 ft	45.4 ft

Vert. Spread: 110.4°
Horiz. Spread: 113.1°

	Illuminance at a Distance		
	Center Beam fc	Beam Width	
2.5ft	243 fc	7.2 ft	7.8 ft
5.0ft	60.6 fc	14.4 ft	15.7 ft
7.5ft	27.0 fc	21.6 ft	23.5 ft
10.0ft	15.2 fc	28.8 ft	31.3 ft
12.5ft	9.70 fc	36.0 ft	39.2 ft
15.0ft	6.74 fc	43.2 ft	47.0 ft

Vert. Spread: 110.5°
Horiz. Spread: 114.9°

PACKAGE

Case Qty 2 pcs