

Project

Schedule / Date

Notes

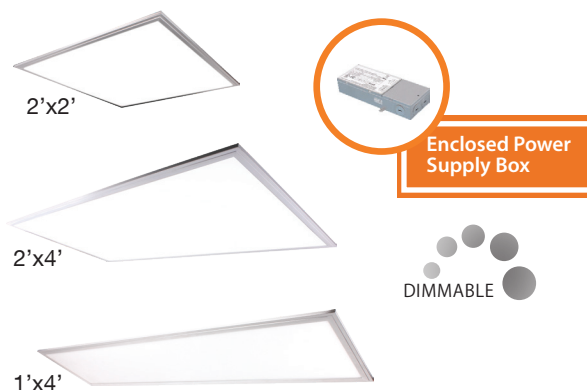
Catalog Number

Flat Panel

Product Description

Our naturaLED® DLC Premium and Standard Flat Panels have an Integrated LED technology with a low profile design. The perfect solution for your interior lighting needs. Our lightweight LED flat panels provide a smooth and uniform light distribution from edge-to-edge for an even and consistent color design.

The LED Panel is designed for easy installation and maximum energy savings. The Flat Panel comes in standard configurations of 1x4, 2x2, and 2x4 for mounting in T-Bar/Grid ceilings. They can also be ordered with an optional surface mount/box kit.



Features & Benefits

- ▶ DLC Premium/ Standard
- ▶ Lightweight for easy installation
- ▶ Uniform and excellent consistency
- ▶ Long Life LED Chip
- ▶ Excellent Thermal design

Specifications

- ▶ Input line voltage: 120-277
- ▶ Powerfactor >0.9
- ▶ Dimming 0-10V
- ▶ Operating temperature: -22°F ~ 122°F
- ▶ Available in 2'x2', 1'x4', 2'x4' configurations
- ▶ Beam Angle 120°
- ▶ Usage Temp: -4 - 113°F (-20 - 45°C)
- ▶ Storage Temp: -22 - 149°F (-30 - 65°C)

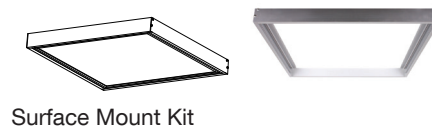
Applications

- ▶ Conferences/ Meeting Rooms
- ▶ Factories/ Offices
- ▶ Schools
- ▶ Hospitals
- ▶ Hospitalities
- ▶ Hotels



Optional Accessories

- ▶ Surface Mount Kit

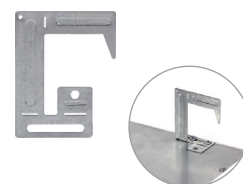


- ▶ Emergency LED Driver



Included with Fixture

- ▶ Earthquake Hook (Pre-installed)



Earthquake Hook

Ordering Information

*P= Premium DLC / *S = Standard DLC

	Code	Description	CCT	Watt	Lumen	Equiv Wattage	Size	Beam Angle	Dim	Rated Hrs	DAMP LOCATION	DLC
Premium	7101	LED-FXPNL32/1X4/840	4000K	32	3,804	90-100W	1' X 4'	120°	0-10V	50,000	•	P
	7100	LED-FXPNL25/2X2/840	4000K	25	3,040	60-70W	2' X 2'	120°	0-10V	50,000	•	P
	7102	LED-FXPNL40/2X4/840	4000K	40	5,005	120-130W	2' X 4'	120°	0-10V	50,000	•	P
	7721	LED-FXPNL40/1X4/835	3500K	40	4,149	90-100W	1' X 4'	120°	0-10V	50,000	•	S
	7675	LED-FXPNL40/1X4/840	4000K	40	4,149	90-100W	1' X 4'	120°	0-10V	50,000	•	S
	7686	LED-FXPNL40/1X4/850	5000K	40.8	4,600	90-100W	1' X 4'	120°	0-10V	50,000	•	S
	7720	LED-FXPNL40/2X2/835	3500K	41	4,134	90-100W	2' X 2'	120°	0-10V	50,000	•	S
	7674	LED-FXPNL40/2X2/840	4000K	41	4,134	90-100W	2' X 2'	120°	0-10V	50,000	•	S
	7685	LED-FXPNL40/2X2/850	5000K	47	4,480	90-100W	2' X 2'	120°	0-10V	50,000	•	S
	7722	LED-FXPNL50/2X4/835	3500K	47	4,652	120-130W	2' X 4'	120°	0-10V	50,000	•	S
	7676	LED-FXPNL50/2X4/840	4000K	47	4,652	120-130W	2' X 4'	120°	0-10V	50,000	•	S
	7687	LED-FXPNL50/2X4/850	5000K	48	5,062	120-130W	2' X 4'	120°	0-10V	50,000	•	S

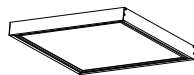
Accessories (available for purchase)

Surface Mount Kit

P10096 MT-1x4BOX
(1 x 4 Surface Mount Kit)

P10097 MT-2x2BOX
(2 x 2 Surface Mount Kit)

P10098 MT-2x4BOX
(2 x 4 Surface Mount Kit)



Cable

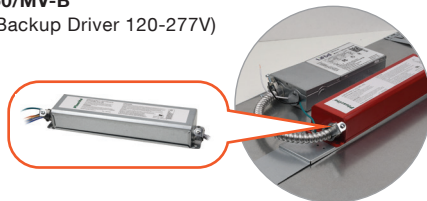
P10147 MT-ACC-4FT
4-ft Earthquake Aircraft Cable

P10144 MT-ACC-10FT
10-ft Earthquake Aircraft Cable



Emergency Battery

7332 BAEM8.4-60/MV-B
(LED Emergency Backup Driver 120-277V)

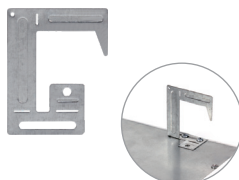


Accessory (Pre-installed)

Earthquake Hook

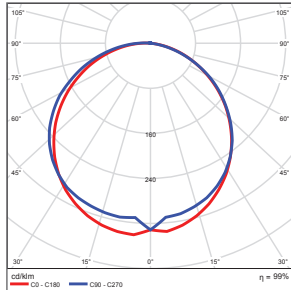
P10099 MT-PNL-HOOK-4PCS
(Earthquake hook for 2x2 and 1x4)

P10100 MT-PNL-HOOK-6PCS
(Earthquake hook for 2x4)



Photometric Data

1' x 4' (Premium DLC)



Zonal Lumen Summary

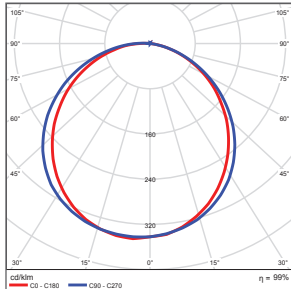
Zone	Lumens	% Luminaire
0-30	984.57	26.10
0-40	1623.74	43.10
0-60	2898.2	76.90
60-80	748.72	19.90
70-80	281.12	7.50
90-120	13.79	0.40
90-180	17.62	0.50
0-180	3768.87	100.00

Total Luminaire Efficiency = 100.00%

Illuminance at a Distance			
	Center Beam fc	Beam Width	
5.0ft	49.9 fc	14.3 ft	15.2 ft
10.0ft	12.5 fc	28.6 ft	30.4 ft
15.0ft	5.55 fc	43.0 ft	45.6 ft
20.0ft	3.12 fc	57.3 ft	60.8 ft
25.0ft	2.00 fc	71.6 ft	76.0 ft
30.0ft	1.39 fc	85.9 ft	91.2 ft

■ Vert. Spread: 110.1°
■ Horiz. Spread: 113.3°

2' x 2' (Premium DLC)



Zonal Lumen Summary

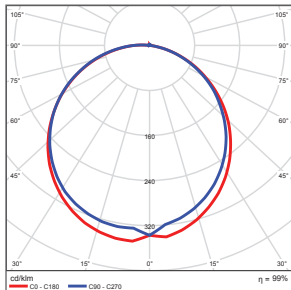
Zone	Lumens	% Luminaire
0-30	805.75	26.70
0-40	1320.55	43.70
0-60	2331.93	77.20
60-80	586.94	19.40
70-80	220.24	7.30
90-120	12.78	0.40
90-180	15.86	0.50
0-180	3020.81	100.00

Total Luminaire Efficiency = 100.00%

Illuminance at a Distance			
	Center Beam fc	Beam Width	
5.0ft	41.3 fc	13.7 ft	15.5 ft
10.0ft	10.3 fc	27.4 ft	31.0 ft
15.0ft	4.59 fc	41.1 ft	46.5 ft
20.0ft	2.58 fc	54.8 ft	62.0 ft
25.0ft	1.65 fc	68.4 ft	77.6 ft
30.0ft	1.15 fc	82.1 ft	93.1 ft

■ Vert. Spread: 107.7°
■ Horiz. Spread: 114.4°

2' x 4' (Premium DLC)



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1321.26	26.20
0-40	2165.68	43.00
0-60	3843.01	76.30
60-80	1008.31	20.00
70-80	384.37	7.60
90-120	27.96	0.60
90-180	32.25	0.60
0-180	5039.69	100.00

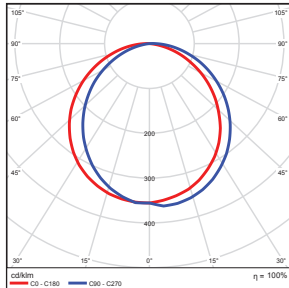
Total Luminaire Efficiency = 100.00%

Illuminance at a Distance			
	Center Beam fc	Beam Width	
5.0ft	68.0 fc	14.6 ft	14.1 ft
10.0ft	17.0 fc	29.2 ft	28.2 ft
15.0ft	7.55 fc	43.8 ft	42.3 ft
20.0ft	4.25 fc	58.4 ft	56.5 ft
25.0ft	2.72 fc	73.0 ft	70.6 ft
30.0ft	1.89 fc	87.6 ft	84.7 ft

■ Vert. Spread: 111.2°
■ Horiz. Spread: 109.4°

Photometric Data

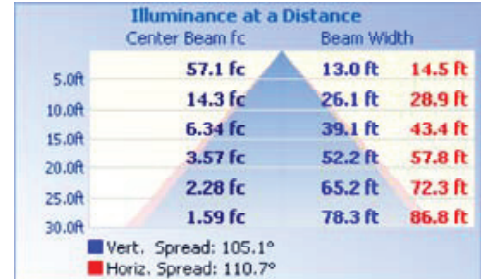
1' x 4' (Standard DLC)



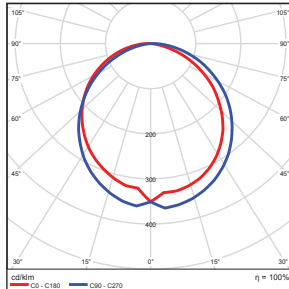
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1122.04	27.50
0-40	1831.57	44.90
0-60	3208.57	78.70
60-80	774.61	19.00
70-80	284.61	7.00
90-120	5.74	0.10
90-180	5.74	0.10
0-180	4077.96	100.00

Total Luminaire Efficiency = 100.00%



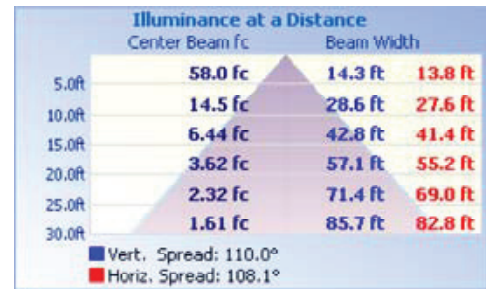
2' x 2' (Standard DLC)



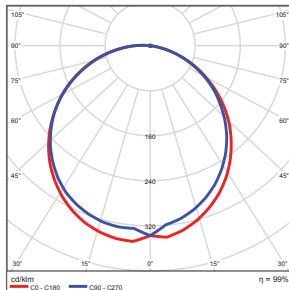
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1112.95	27.30
0-40	1820.51	44.70
0-60	3205.25	78.70
60-80	775.97	19.10
70-80	281.88	6.90
90-120	5.62	0.10
90-180	5.62	0.10
0-180	4070.4	100.00

Total Luminaire Efficiency = 100.00%



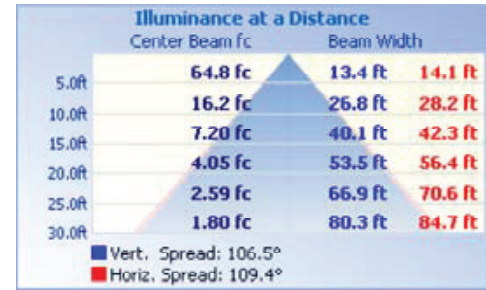
2' x 4' (Standard DLC)



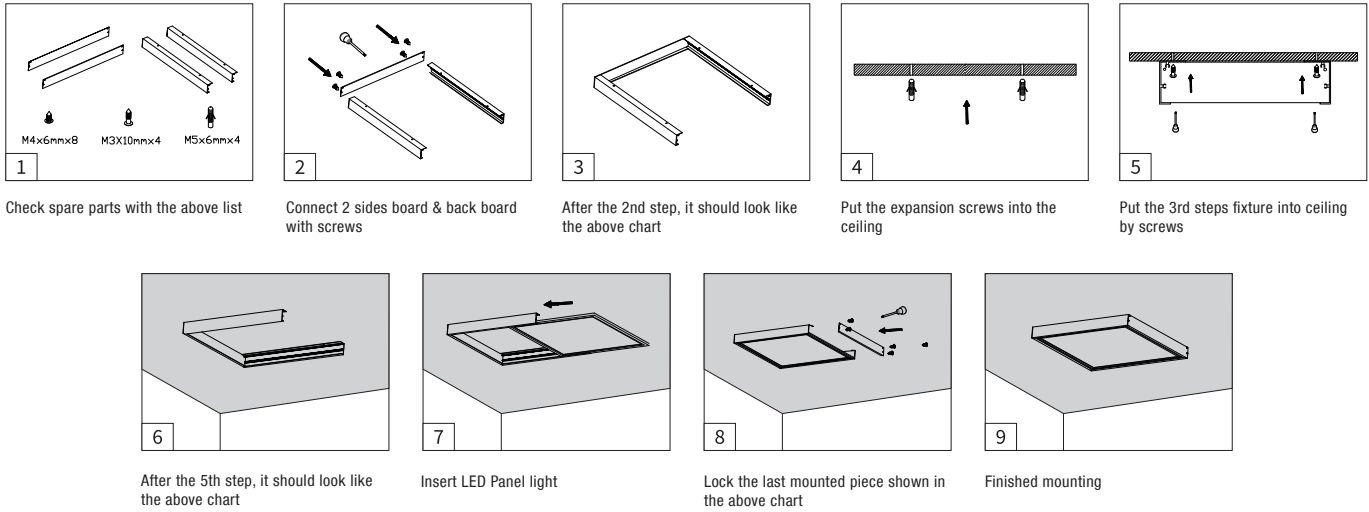
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1263.09	27.30
0-40	2065.44	44.70
0-60	3636.83	78.70
60-80	882.33	19.10
70-80	320.64	6.90
90-120	6.47	0.10
90-180	6.47	0.10
0-180	4623.25	100.00

Total Luminaire Efficiency = 100.00%



Surface Mount Kit



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

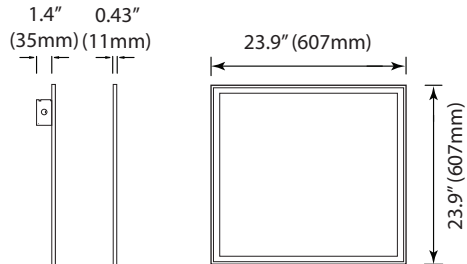


After Installation

Product Dimension

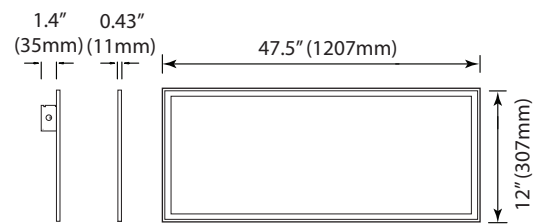
2' x 2'

Weight: 7.15-lbs



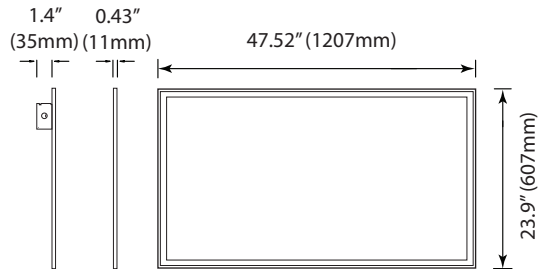
1' x 4'

Weight: 7.70-lbs

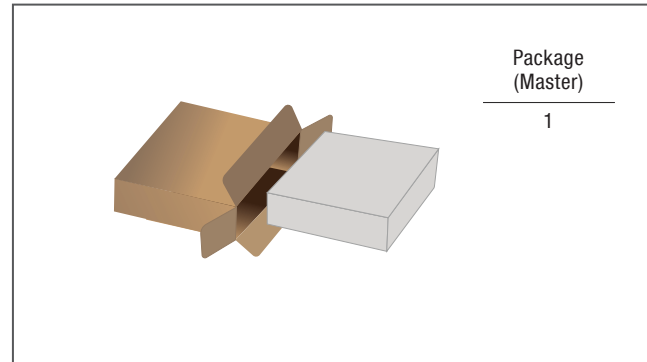


2' x 4'

Weight: 13.2-lbs

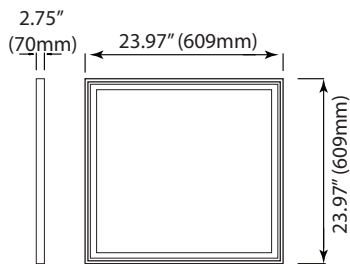


Package



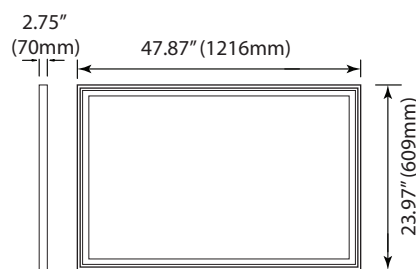
Surface Mount Kit Dimension

MT-2X2BOX



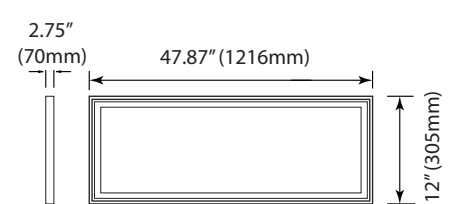
P10097 MT-2x2BOX
(2 x 2 Surface Mount Kit)

MT-2X4BOX



P10098 MT-2x4BOX
(2 x 4 Surface Mount Kit)

MT-1X4BOX



P10096 MT-1x4BOX
(1 x 4 Surface Mount Kit)