The Selectable Flat Panel Features Back-lit design. Comes in 2ftx2ft, 2ftx4ft and 1ftx4ft configurations. Ideal for standard T-bar and narrow grid drop ceiling to replace the fluorescent troffer in offices, supermarkets, schools and other indoor applications.

TECHNICAL DATA

Wattage	
2ftx2ft	Selectable 25W/30W/40W
1ftx4ft	Selectable 25W/30W/40W
2ftx4ft	Selectable 30W/40W/50W
CCT	Selectable 3500K/4000K/5000K
Driver	0-10V Dimming is standard
CRI	80
Input Voltage	120-347V, 50/60Hz
Projected Lifetime	L70-10,000 Hours
Operating Temp.	-4°F to 104°F (-20°C to 40°C)
Certifications	cULus conforms to UL Std. 1598Cert. to CSA Std. C22.2 No.250.0
	RoHS compliant
	Suitable for dry locations
	Type IC Rated, suitable for insulated ceilings
	Tested in accordance with ISO 14644-1
	Suitable for ISO Class 1 to 5
Power Factor	>0.9
Harmonic Distortion	<20% at full load

FEATURES

▪ Wattage and CCT selectable.

▪ 120-347V available.

▪ No LGP, never yellowing.

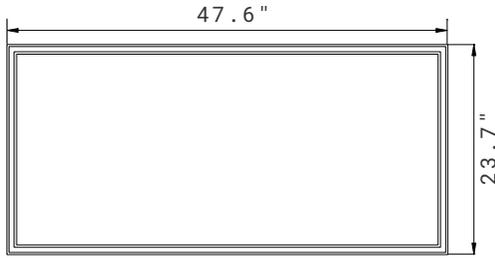▪ High efficacy up to 125lm/W, meet DLC 5.1 premium version.

DIMENSION

2'X4'
Length: 47.6"
Width: 23.7"
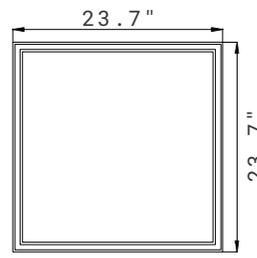Depth: 1.5"
Max. Weight: 9lbs

2'X2'
Length: 23.7"
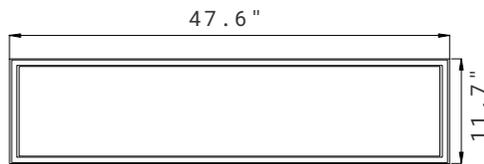Width: 23.7"
Depth: 1.5"
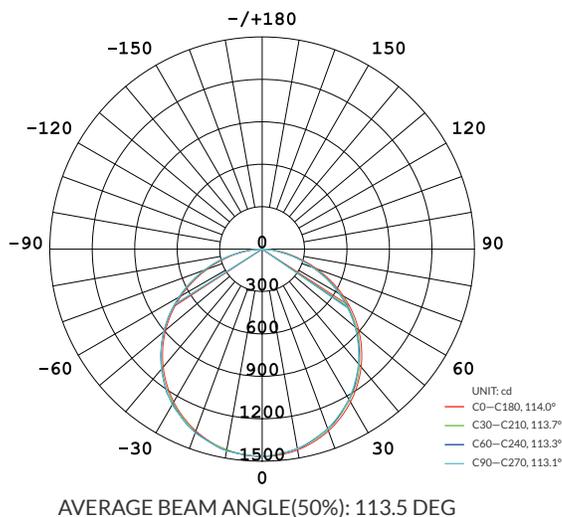Max. Weight: 4.40lbs

1'X4'
Length: 47.6"
Width: 11.7"
Depth: 1.5"
Max. Weight: 5lbs

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.

UNIT: cd
C0—C180, 114.0°
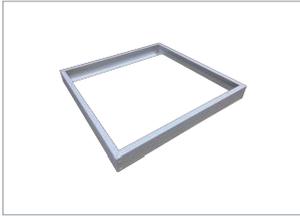C30—C210, 113.7°
C60—C240, 113.3°
C90—C270, 113.1°

AVERAGE BEAM ANGLE(50%): 113.5 DEG

SELECTABLE BACK-LIT LED FLAT PANEL

ORDERING INFORMATION

EXAMPLE: SBFLP24D-SP2-SW8-P

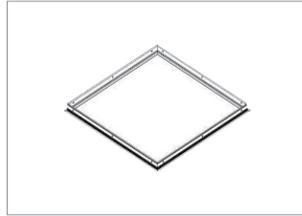| SBFLP							
Series	Size	Dimmable	Wattage	CCT	Voltage	LPW	Control
SBFLP	22 2'x2'	D 0-10V Driver	SP1 Selectable 25W/30W/40W[1]	SW Selectable White 3500K[3] /4000K /5000K	8 120-347V	P Premium	BLANK None EBU Emergency Battery Back-up[4] MSW Microwave Motion Sensor[5]
	14 1'x4'	D 0-10V Driver	SP1 Selectable 25W/30W/40W[1]				
	24 2'x4'	D 0-10V Driver	SP2 Selectable 30W/40W/50W[2]				

NOTE:

1. 40W is default setting for 2ftX2ft and 1ftx4ft.
2. 50W is default setting for 2ftx4ft.
3. 3500K is default setting.
4. Emergency back-up can only be used @120-277V.
5. Microwave dimming sensor, for mounting height 20ft (6m) max. Dimming default setting is Bi-Level dim, 50% on vacancy and 100% on occupancy. Other dimming levels such as 10% or 30% can be set by the remote controller RC100. Daylight sensor is disable.
6. White finish is standard. Custom color is available for a premium setup fee. Consult Customer Service for additional information.

ACCESSORIES (ORDERED SEPARATELY)

90106K
2'x2' Surface Mount Kit.
90122K
1'x4' Surface Mount Kit.
90123K
2'x4' Surface Mount Kit.

90139K
1'x4' Flange Kit.
90140K
2'x4' Flange Kit.
90141K
2'x2' Flange Kit.

90579
FLP-SK
Suspension Kit for 2'x2', 1'x4' and 2'x4' FLP (a set).

90535
AAL-RC-100
Remote Control for sensor.

PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Lumen Output

Premium

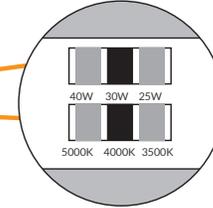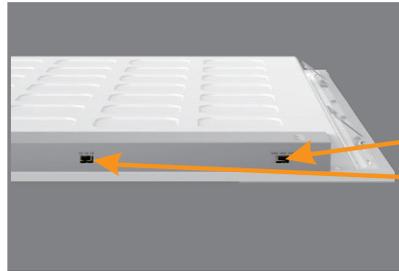| Wattage	Size	Nominal Output	CCT	CRI	LPW
25W	2'x2'/1'x4'	3125lm	4000K	>80	125
30W	2'x2'/1'x4'/2'x4'	3750lm	4000K	>80	125
40W	2'x2'/1'x4'/2'x4'	5000lm	4000K	>80	125
50W	2'x4'	6250lm	4000K	>80	125

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperature from -4-104˚F (-20-40˚C).

Ambient		
Celsius	Fahrenheit	Multiplier
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

FEATURES

MICROWAVE DIMMING SENSOR SETTING

Sensor data can be precisely set for each specific application by a remote controller which need to be bought separately.

Detection area

Detection area can be reduced by selecting the combination on the remote controller to fit precisely each application.

Optional Setting: 100%/75%/50%/25%

Default Setting: 100%

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Optional Setting: 10S/1min/10min/15min

Default Setting: 15min

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to " +∞ " mode, the low light is maintained until motion is detected.

Optional Setting: 1min/30min/60min/+∞

Default Setting: +∞

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

Optional Setting: 0%/10%/30%/50%

Default Setting: 50%

WARRANTY

5 year limited warranty.

Specifications subject to change without notice.