

# SELECTABLE BACK-LIT LED FLAT PANEL

## Sensor Based



The Selectable Sensor Based Flat Panel is back-lit design. Sensor receptacle is pre-installed in the fixture frame. Plug and play occupancy and bluetooth sensors available for easy and quick installation. It 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 20W/25W/30W

1ftx4ft Selectable 20W/25W/30W

2ftx4ft Selectable 35W/40W/46W

CCT Selectable 3500K/4000K/5000K

Driver 0-10V Dimming is standard

CRI 80

Input Voltage 120-277V, 50/60Hz

Projected Lifetime L70-50,000 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

Power Factor >0.9

Harmonic Distortion <20% at full load

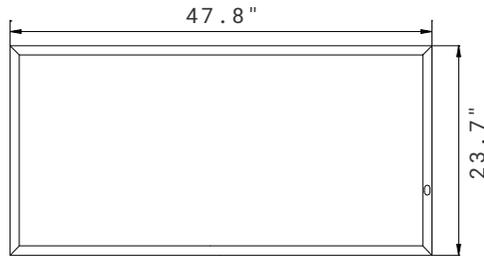
## FEATURES

- Wattage and CCT selectable
- Plug and play occupancy and bluetooth sensor.
- No LGP, never yellowing.
- High efficacy up to 133lm/W, meet DLC 5.1 premium version.

## DIMENSION

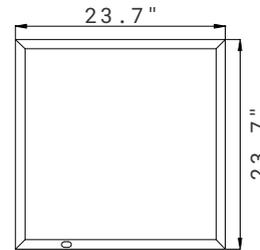
### 2'X4'

Length: 47.8"  
Width: 23.7"  
Depth: 1.5"



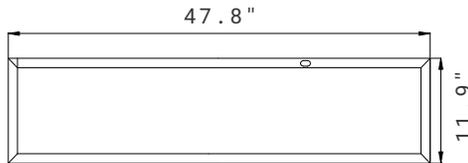
### 2'X2'

Length: 23.7"  
Width: 23.7"  
Depth: 1.5"



### 1'X4'

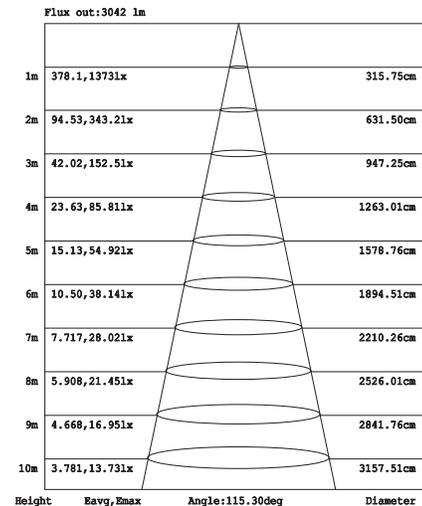
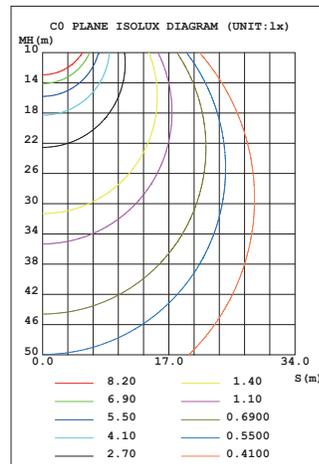
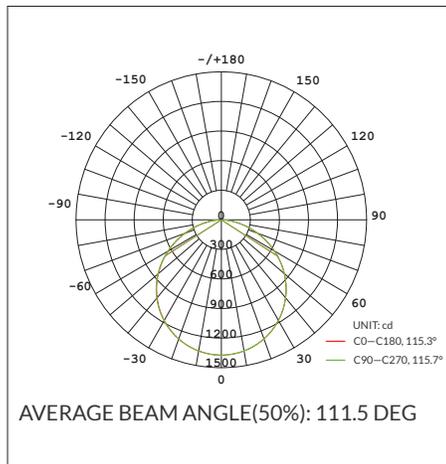
Length: 47.8"  
Width: 11.9"  
Depth: 1.5"



## 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.

### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## ORDERING INFORMATION

EXAMPLE: SSBFLP24D-46SP-SW1

SSBFLP						
Series	Size	Dimmable	Wattage	CCT	Voltage	Control
SSBFLP	22 2'x2'	D 0-10V Driver	30SP Selectable 20W/25W/30W <sup>1</sup>	SW Selectable White 3500K 4000K <sup>3</sup> 5000K	1 120-277V	BLANK With Sensor Receptacle <sup>4</sup>  EBU Emergency Battery Back-up
	14 1'x4'	D 0-10V Driver	30SP Selectable 20W/25W/30W <sup>1</sup>			
	24 2'x4'	D 0-10V Driver	46SP Selectable 35W/40W/46W <sup>2</sup>			

### NOTE:

- 30W is default setting, If need other wattage, please contact Customer Service in advance to change the setting in factory or change the setting in the field.
- 46W is default setting, If need other wattage, please contact Customer Service in advance to change the setting in factory or change the setting in the field.
- 4000K is default setting. If need other CCT please contact Customer Service in advance to change the setting in factory or change the setting in the field.
- Please choose the desired sensor in the following accessory table.
- White finish is standard. Custom finish colors are available at an additional charge. Please contact Customer Service for premium options.

## ACCESSORIES (ORDERED SEPARATELY)



**BMS-S1P-PIR-DC1-PPM**  
Standby PIR Motion Sensor.



**BMS-S1P-PIR-DC2-BLE-SR-PPM**  
Bluetooth PIR Motion Sensor.



**AAL-RC-100**  
Remote Controller for the PIR  
Occupancy Sensor.

## ACCESSORIES (ORDERED SEPARATELY)



### SMK-22-SSBFLP

2'x2' Surface Mount Kits.



### SMK-14-SSBFLP

1'x4' Surface Mount Kits.



### SMK-24-SSBFLP

2'x4' Surface Mount Kits.



### AC-22/24-SSBFLP

Aircraft Cable for 2'x2' and 2'x4'.

### AC-14-SSBFLP

Aircraft Cable for 1'x4'.

## 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

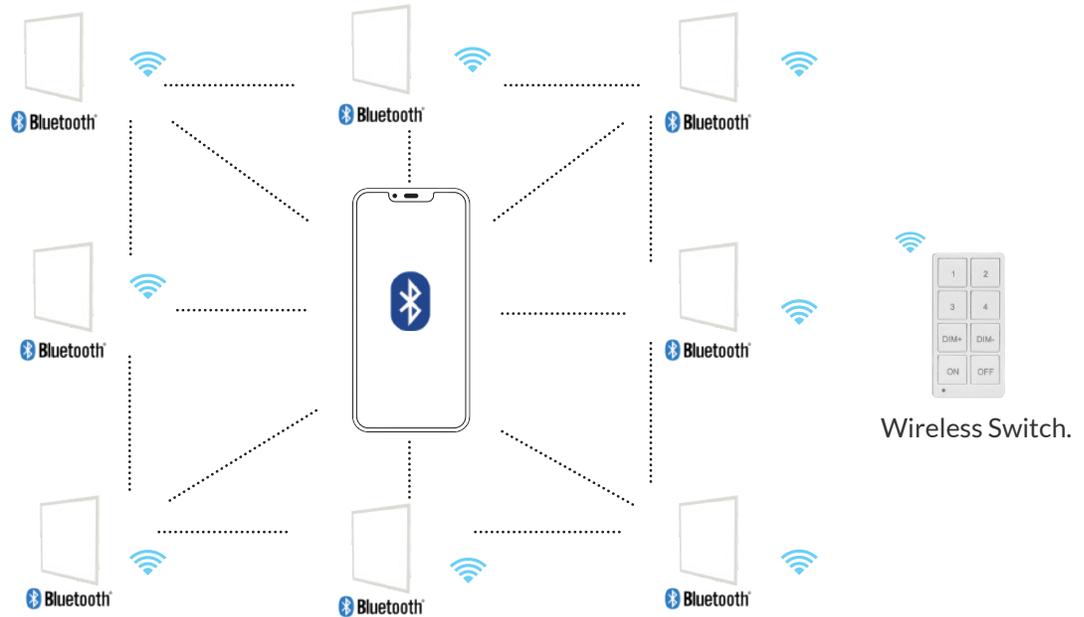
Wattage	Size	Nominal Lumen	CCT	CRI	LPW
20W	2'x2'/1'x4'	2660lm	4000K	>80	133
25W	2'x2'/1'x4'	3250lm	4000K	>80	130
30W	2'x2'/1'x4'	3800lm	4000K	>80	127
35W	2'x4'	4650lm	4000K	>80	133
40W	2'x4'	5200lm	4000K	>80	130
46W	2'x4'	5940lm	4000K	>80	129

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.

**BLUETOOTH PIR MOTION SENSOR**

Model No.	Description
BMS-S1P-PIR-DC2-BLE-SR-PPM	Wireless Bluetooth PIR occupancy sensor with daylight harvesting capability.

**Bluetooth Mesh Control**



**NOTE:**

1. Central gateway is not required for lighting control operation with occupancy sensor BMS-S1P-PIR-DC2-BLE-SR-PPM.

**Simply plug in sensor into the pre-installed receptacle**



Quick and Easy Installation.



Integrated PIR Occupancy and Daylight or Bluetooth Controls.

**BLUETOOTH PIR MOTION SENSOR**

**Wireless Switch Options**



**BMWS-L-D-1-3BT-BLE-KL**  
-WH



**BMWS-L-D-5BT-BLE-KL**  
-WH



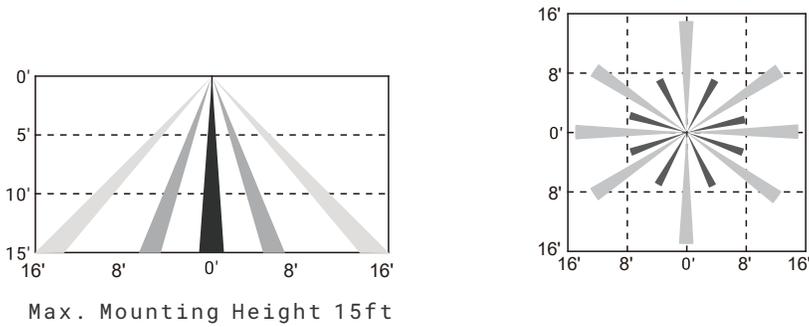
**BMWS-L-D-1-7BT-BLE-KL**  
-WH



**BMWS-L-D-8BT-BLE-KL**  
-WH



**Detection Area**



**WARRANTY**

5 year limited warranty.

Specifications subject to change without notice.