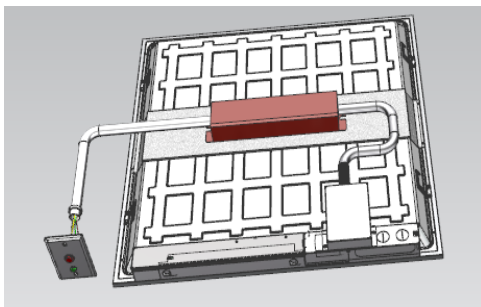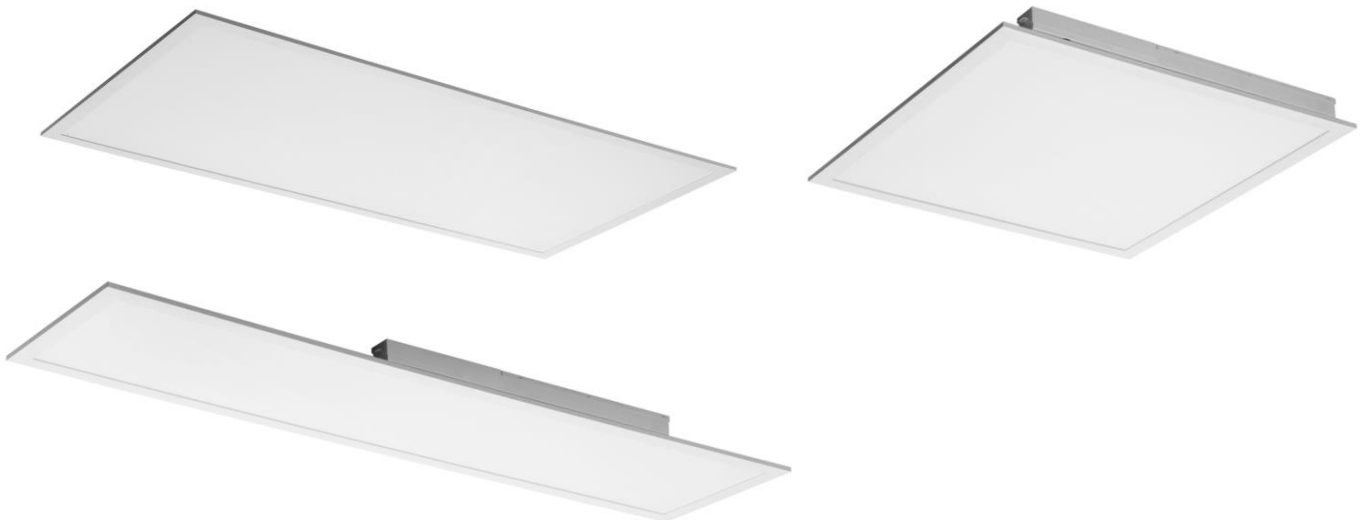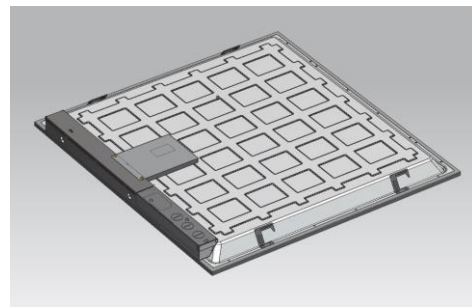# LED BACKLIT PANEL

1. Product Features

It is made of die-forged large cold-rolled steel plate, very simple and stylish. It is made of a high-brightness LED lamp with a backlight design. It uses UL standard constant current driver. It has low glare, soft and even light. It saves energy, the life expectancy can reach 50,000 hours, and it is easy for embedded installation.

■   High efficiency & energy saving. Under the condition of the same llumination,, it saves more than 67% energy compared with the traditional lamp.

■   Every LED works independently. While one LED loses efficacy, others can work as usual.

■   Long life span, using semiconductor chip as the light resource, the life can be over 50,000hrs.

■   External constant current driver, high efficiency, reliable work.

2. Product Pictures

With Emergency Power

With SENSOR

3. Technical Parameter

Specifications		2X2	2X4	1X4
MODEL		OF0522S40XXOD-A3LAMM80	OF0524S50XXOD-A3LAMM80	OF0514S40XXOD-A3LAMM80
Power		40W	50W	40W
Input Current		0.39A	0.48A	0.39A
Input Voltage/Frequency		AC100-277V 50/60Hz		
Power Factor		PF＞0.9		
LED Type		SMD 2835		
LED Chips		honglitronic		
Field-selectable CCT		NO		
Field-selectable wattages		NO		
Lumen output	3000K	4400LM	5500LM	4400LM
Lumen Per W		110LM/W	110LM/W	110LM/W
Lumen output	3500K	4400LM	5600LM	4400LM
Lumen Per W		110LM/W	112LM/W	110LM/W
Lumen output	4000K	4480LM	5750LM	4480LM
Lumen Per W		112LM/W	115LM/W	112LM/W
Lumen output	5000K	4520LM	5800LM	4520LM
Lumen Per W		113LM/W	116LM/W	113LM/W
Color Rendering Index		Ra>80		
Flicker		Flicker		
Dimmable		0-10V		
Emergency LED Driver		JEWOO SL-60A(Optional)		
Sensor		SHARKWARD ANT-9(Optional)		
AUX POWER		Optional		
Operating Temperature		-4°F to 104°F		
L70 Lumen Maintenance (Hours)		50000Hrs		
Environment		Damp Location		
Frame Materials		PS+ALUMINIUM +STEEL		
Certification		ETL DLC5.1		
Remark：		XX represent for different CCTs. First ″M″ can be A, 0 or blank, A denotes with emergency driver, 0 or blank denotes without emergency driver. Second ″M″ may be A, 0 or blank, A denotes with sensor, 0 or blank denotes without sensor.		

Specifications	2X2			2X4			1X4		
MODEL	OF0522S40CFOD-J6LA0080			OF0524S50CFOD-J6LA0080			OF0522S40CFOD-J6LA0080		
Power	40W			50W			40W		
Input Current	0.39A			0.48A			0.39A		
Input Voltage/Frequency	AC100-277V 50/60Hz								
Power Factor	PF＞0.9								
LED Type	SMD 2835								
LED Chips	honglitronic								
Field-selectable CCT	YES(3500K/4000K/5000K)								
Field-selectable wattages	YES								
	20W	30W	40W	30W	40W	50W	20W	30W	40W
Lumen output 3500K	2320LM	3390LM	4400LM	3480LM	4520LM	5500LM	2320LM	3390LM	4400LM
Lumen Per W 3500K	116LM/W	113LM/W	110LM/W	116LM/W	113LM/W	110LM/W	116LM/W	113LM/W	110LM/W
Lumen output 4000K	2520LM	3690LM	4800LM	3780LM	4920LM	6000LM	2520LM	3690LM	4800LM
Lumen Per W 4000K	126LM/W	123LM/W	120LM/W	126LM/W	123LM/W	120LM/W	126LM/W	123LM/W	120LM/W
Lumen output 5000K	2360LM	3450LM	4480LM	3540LM	4600LM	5600LM	2360LM	3450LM	4480LM
Lumen Per W 5000K	118LM/W	115LM/W	112LM/W	118LM/W	115LM/W	112LM/W	118LM/W	115LM/W	112LM/W
Color Rendering Index	Ra>80								
Flicker	Flicker free								
Dimmable	0-10V								
Emergency LED Driver	JEWOO SL-60A(Optional)								
Sensor	SHARKWARD ANT-9(Optional)								
AUX POWER	YES								
Operating Temperature	-4°F to 104°F								
L70 Lumen Maintenance (Hours)	50000Hrs								
Environment	Damp Location								
Frame Materials	PS+ALUMINIUM +STEEL								
Certification	ETL DLC5.1（conform） FCC								
Remark：	First "M" can be A, 0 or blank, A denotes with emergency driver, 0 or blank denotes without emergency driver. Second "M" may be A, 0 or blank, A denotes with sensor, 0 or blank denotes without sensor.								

Note: 1、Light optic with a little deviation for different color temperature LED ,deviation value ≤5%

2、   There parameters will exist tolerance of error according to related rules.

4. Light Distribution
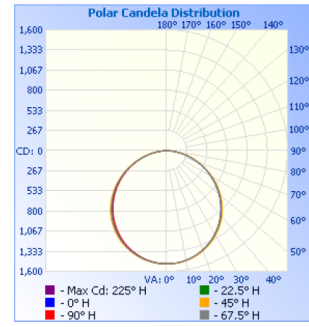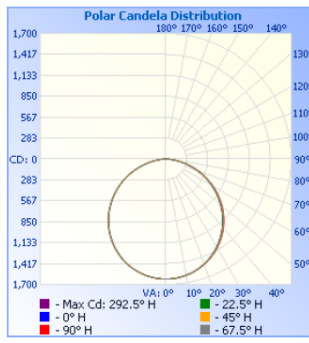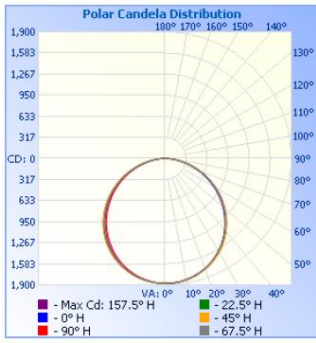
Illuminance at a Distance (2×4)

	Center Beam fc	Beam Width	
3.3ft	172 fc	10.4 ft	10.1 ft
6.7ft	41.8 fc	21.0 ft	20.6 ft
10.0ft	18.8 fc	31.4 ft	30.7 ft
13.3ft	10.6 fc	41.7 ft	40.8 ft
16.7ft	6.73 fc	52.4 ft	51.2 ft
20.0ft	4.69 fc	62.7 ft	61.3 ft

- Vert. Spread: 115.0°
- Horiz. Spread: 113.8°

Illuminance at a Distance (2×2)

	Center Beam fc	Beam Width	
3.3ft	149 fc	10.0 ft	10.2 ft
6.7ft	36.2 fc	20.3 ft	20.7 ft
10.0ft	16.3 fc	30.3 ft	30.9 ft
13.3ft	9.19 fc	40.3 ft	41.1 ft
16.7ft	5.83 fc	50.6 ft	51.6 ft
20.0ft	4.07 fc	60.6 ft	61.8 ft

- Vert. Spread: 113.1°
- Horiz. Spread: 114.1°

Illuminance at a Distance (1×4)

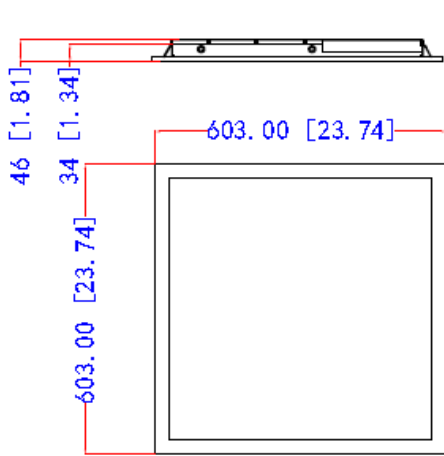|	Center Beam fc	Beam Width	
3.3ft	138 fc	10.2 ft	10.2 ft
6.7ft	33.4 fc	20.7 ft	20.6 ft
10.0ft	15.0 fc	30.9 ft	30.8 ft
13.3ft	8.48 fc	41.1 ft	41.0 ft
16.7ft	5.38 fc	51.6 ft	51.4 ft
20.0ft	3.75 fc	61.8 ft	61.6 ft

- Vert. Spread: 114.2°
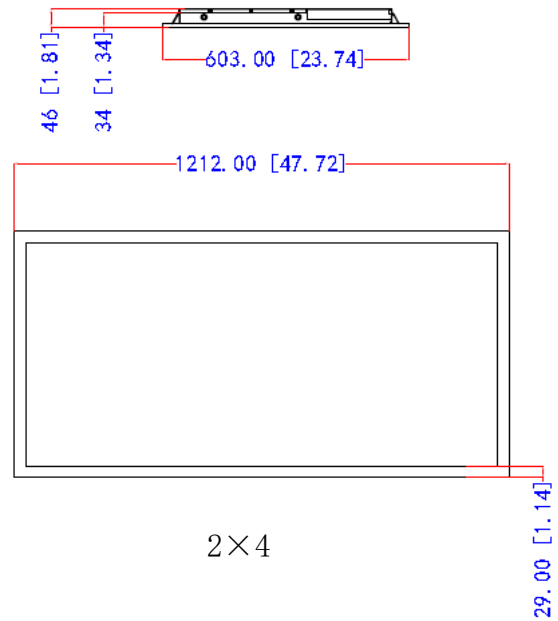- Horiz. Spread: 114.0°

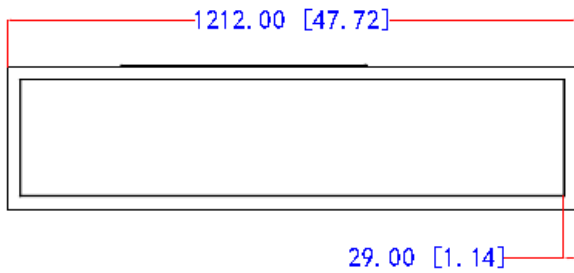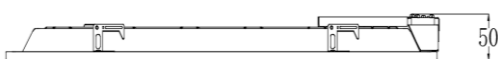2×4   2×2   1×4

5. Dimension(mm)

2×2

2×4

With SENSOR

1×4

With Emergency Power

6. Packaging

7. Packing /weight

Item No.	N.W	G.W	QTY/Carton	Carton Size
OF0522S40XXOD	5KG	5.7KG	2	683*674*110
OF0524S40XXOD	7.3KG	8.7KG	2	1290*674*110
OF0514S40XXOD	3.7KG	4.3KG	2	1290*380*110

8. Installation Introduction

Surface Mount

Recessed
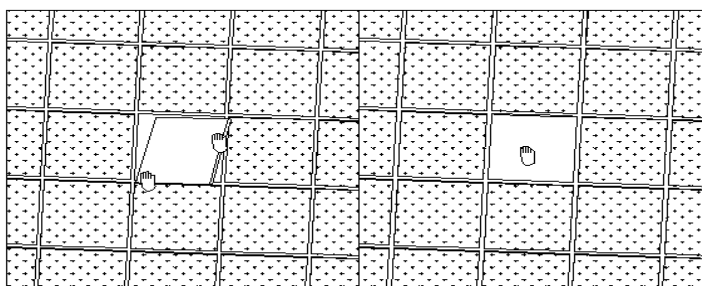
9. Warranty

5 years warranty for the products

Remark: The warranty on the base of right storing way, right installing way, right using way, right maintaining way.Any broken out of our rule, it will be out of our warranty. During the warranty time, we can choose repairing, replacing parts or replacing the whole products according to the detail information. And we'll charge the customers some material fee and labor cost if the product is out of our warranty time.

▲ Please read the instruction carefully before you use the product. We keep the right of final explanation for instruction and product. The product will keep updating continues. And sorry for the no notice for the updating.