

# SYLVANIA Luminaires

## UltraLED™ Backlit Dual Selectable and Low Wattage Panel

### Application

The SYLVANIA UltraLED Backlit Panels are the high efficiency solution for offices, schools, hospitality and retail areas.

### Benefits and Features

- Backlit technology that offers even lighting distribution without shadowing
- Color selectability allows for changing between 3500K, 4000K or 5000K
- Wattage/Lumen selectable versions: three different lumen outputs in the same product
- Low wattage versions for energy efficiency projects
- DLC Premium Listed to maximize rebate opportunities
- EM ready – compatible with the SYLVANIA field installable emergency battery back-up unit (see Accessories for further details)
- Up to 125 lumens per watt
- PMMA lenses that do not yellow over time
- CRI >80
- Energy savings up to 68%

### Electrical

- 120-277V<sub>AC</sub> and 120-347V<sub>AC</sub>
- Power Factor >0.9
- THD <20%
- 0-10V dimmable

### Rated Life

- 50,000 hours (L<sub>70</sub>)

### Warranty

- 5-year

### Operating Temperature

- -4°F to +122°F (-20°C to +50°C)

### Certifications and Listings

- cETLus
- RoHS
- FCC
- IC Rated
- DLC Premium
- Damp Rated



### Wattage Comparison

Panel Size	Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
2x4	2x28W T8	49	30	39%
	2x32W T8	56	30	46%
	2x32W T8	56	40	29%
	4x28W T8	97	40	59%
	3x32W T8	75	24	68%
	4x32W T8	116	40	66%



## Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

## Ordering Guide

PANELF	4B	SXXX	XXX	D	8	SC7	XX	G	WH
Product Name PANELF = LED Panel	Generation 4B	S = Selectable Wattage 050 = 30/40/50 Watts	Voltage UNH = 120-347V	Dimming D = 0-10V dimming	CRI 8 = >80	Color Temp SC7 = Selectable 3500K, 4000K and 5000K	Dimensions 24 = 2x4	Mounting G = Grid	Color / Finish WH = White

## Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Total Fixture Lumens	Input Voltage (V)	Dimming	CRI	Color Temp	Efficiency (LPW)	Size	DLC
62319	PANELF4BS050UNHD8SC724GWH	30/40/50	3750/5000/6250	120-347V	0-10V	80	3500/4000/5000K	125	2x4	Premium

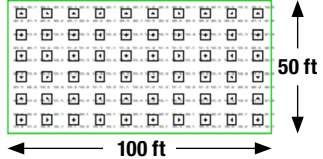
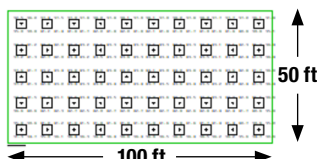
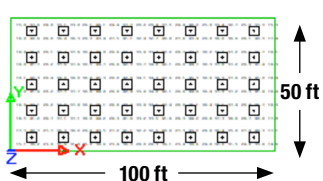
## Dimmer Compatibility

Brand	Type	Model
Leviton	0-10V	DS710
Leviton	0-10V	IP710
Lutron	0-10V	NTSTV-DV
Lutron	0-10V	NFTV
Lutron	0-10V	DVTV-WH
Legrand	0-10V	H4FBL3PW

## Photometric Data

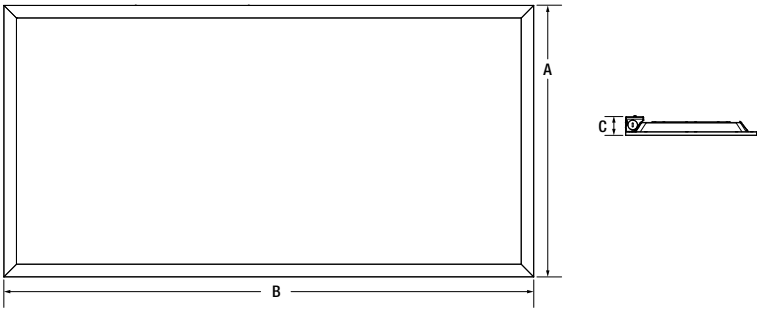
Average Illuminance (FC) at 30" AFF and avg/min uniformity 80/50/20 Reflectances

			8 ft Mounting Height			10 ft Mounting Height			12 ft Mounting Height		
			On Center Fixture Spacing								
			8'x10'	10'x10'	10'x12'	8'x10'	10'x10'	10'x12'	8'x10'	10'x10'	10'x12'
2'x4'	30/40/50W	PANELF4BS050UNHD8SC724GWH	76fc/1.5	63fc/1.3	51fc/2.3	73fc/1.6	61fc/1.4	50fc/2.0	71fc/1.6	58fc/1.6	48fc/1.9

	8 ft Mounting Height	Number of Fixtures
8 x 10 OC		60
10 x 10 OC		50
10 x 12 OC		40

Physical Information

Lamp Description	(A) Length in (mm)	(B) Width in (mm)	(C) Height in (mm)
2x4	23.9 (604)	47.8 (1214)	1.7 (44)

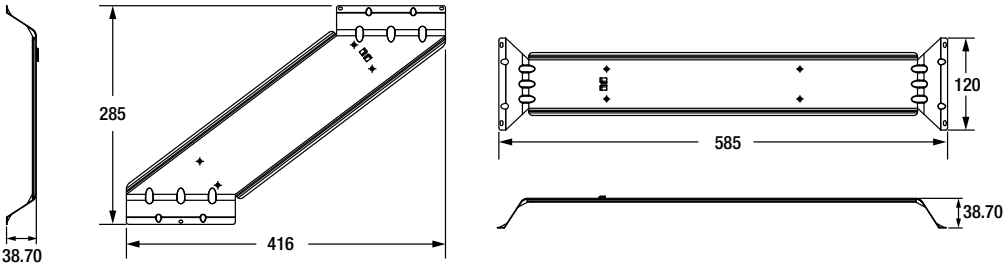


Accessories and Replacement Parts

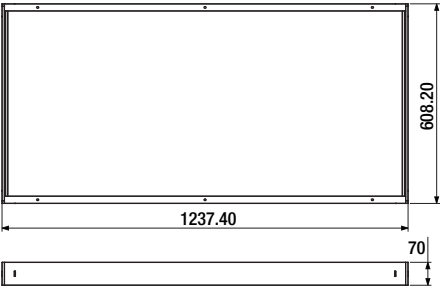
Item Number	Ordering Abbreviation	Item Description
60888	EMBB1A8WDC	Field installable emergency battery back-up unit
61682	ACCPANELF3AEMBB-BRIDGE2	Metal bridge for installing emergency battery back-up unit to 2x2 and 2x4 panels
62065	SMKIT3A/24/WH	Surface Mount Kit for 2x4 Backlit Panel, extruded Aluminum, white finish
62067*	SPKIT3A	Suspension Kit for Backlit Panels
60459	FK1A24GWH	Flange Kit for 2x4 Panel

\*Cable length is 3.28ft (1m)

Metal Bridge

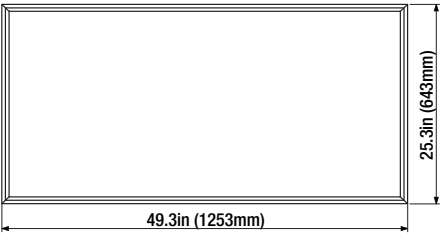


Surface Mount Kit



Dimensions in mm

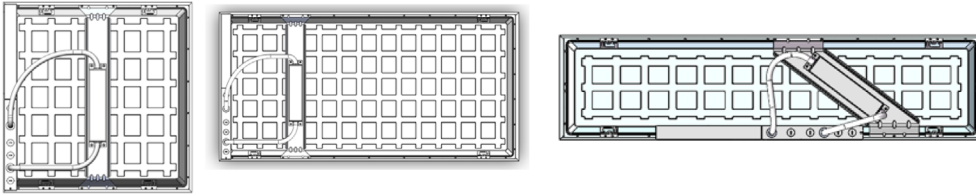
Flange Kit



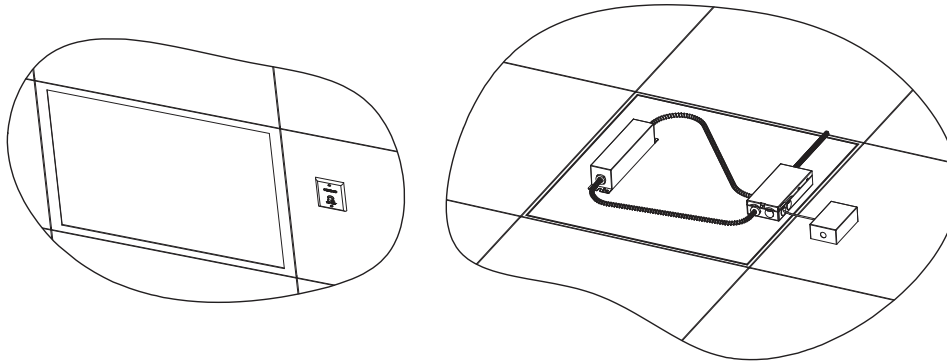
## Options Information

### Emergency Battery Backup

Emergency Battery Backup: Activates when normal power supply to the fixture fails, providing a minimum of 790 lumens (850 nominal lumens) for at least 90 minutes.



### Location of Emergency Test Switch



### Additional Specifications

- cETLus listed to UL1598 standards
- IC and damp rated

LEDVANCE LLC  
181 Ballardvale Street, Suite 203  
Wilmington, MA 01887 USA  
Phone 1-800-LIGHTBULB (1-800-544-4828)  
[www.ledvanceUS.com](http://www.ledvanceUS.com)

SYLVANIA and LEDVANCE are registered trademarks.  
All other trademarks are those of their respective owners.  
Licensee of product trademark SYLVANIA in general lighting.  
Specifications subject to change without notice.



SCAN TO FOLLOW US  
ON SOCIAL MEDIA