Columbia LIGHTING

CFP-LSCS
EDGE-LIT FLAT PANEL

tradeSELECT®

FEATURES

- Switchable Lumen technology:
  5500/4100/3400 lumens (1x4, 2x4)
  4000/3300/2800 lumens (2x2)

- Switchable CCT technology: 3500/4000/5000K

- 80 CRI

- 0–10V dimming to 10%

- Recessed, surface, or cable mount

- Universal voltage (120–277V)

- IC rated

- Suitable for ISO Class 5–9 positive pressure cleanrooms

SPECIFICATIONS

CONSTRUCTION
- Extruded aluminum frame has a matte white finish and smooth frame-to-lens transition

OPTICS
- Acrylic blend light guide with frosted/textured outer lens provides edge to edge illumination without pixelation or bright spots

INSTALLATION
- Integral T-bar clips for secure mounting to grid ceiling
- For surface/cable mount applications use surface/cable mount kit accessories
- For plaster or sheet rock installations, use flange kit

ELECTRICAL
- 54,000 hour LEDs at L70 for reduced maintenance
- Switchable Lumen technology allows for easy field-adjustable lighting output with three level switch located on back of panel
- Switchable Lumen fixtures ship at the highest lumen output setting
- Operates at 120-277V input
- 0–10V dimmable driver, down to 10%

CERTIFICATIONS
- All luminaires are built to UL 1598 standards and bear appropriate cULus labels
- Certified to UL 924 standards with battery pack

CERTIFICATIONS (CONTINUED)
- Damp location label standard
- Tested in accordance with ISO 14644-1; suitable for ISO Class 5–9 positive pressure cleanrooms
- Adheres to LM79, LM80, and TM21 industry standards for photometrics and lifetime calculations
- DLC® (DesignLights Consortium Qualified, with some Premium Qualified configurations. Please refer to the DLC website for specific product qualifications at www.designlights.org

WARRANTY
- 5 year warranty
- See HLI Standard Warranty for additional information

ORDERING GUIDE

	Catalog No.	UPC	Description	Setting	Lumens 3500K	Lumens 4000K	Lumens 5000K	Watts	LPW 3500K	LPW 4000K	LPW 5000K
☐	CFP14-LSCS	840141401867	1x4 Edge-Lit Panel, 5500/4100/3400 Switchable Lumens, 3500/4000/5000K Switchable CCT	LOW	3516	3540	3478	29	119	120	118
				MED	4204	4257	4163	36	117	119	116
				HIGH	5617	5706	5522	50	112	113	110
☐	CFP22-LSCS	840141401874	2x2 Edge-Lit Panel, 4000/3300/2800 Switchable Lumens, 3500/4000/5000K Switchable CCT	LOW	3174	3225	3137	24	131	133	129
				MED	3603	3679	3562	28	128	131	127
				HIGH	4381	4477	4291	35	124	127	122
☐	CFP22-33CS-HE	840141421933	2x2 Edge-Lit Panel, 3300 Lumens, 3500/4000/5000K Switchable CCT	—	3620	3699	3617	29	125	128	125
☐	CFP24-LSCS	840141401881	2x4 Edge-Lit Panel, 5500/4100/3400 Switchable Lumens, 3500/4000/5000K Switchable CCT	LOW	3394	3387	3279	25	134	133	129
				MED	4291	4318	4231	33	129	130	127
				HIGH	6011	6065	5856	49	122	123	119
☐	CFP24-41CS-HE	840141421971	2x4 Edge-Lit Panel, 4100 Lumens, 3500/4000/5000K Switchable CCT	—	4428	4507	4420	35	127	129	126
☐	CFP24-75CS	840141421995	2x4 Edge-Lit Panel, 7500 Lumens, 3500/4000/5000K Switchable CCT	—	7509	7742	7388	62	121	125	119

SEE FOLLOWING PAGE FOR CFP ACCESSORIES

KEY DATA

KEY DATA	
Lumen Range	3137–7742
Wattage Range	24–62
Efficacy Range (LPW)	110–134
Reported Life (Hours)	L70/54,000

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Columbia LIGHTING

CFP-LSCS
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ORDERING GUIDE

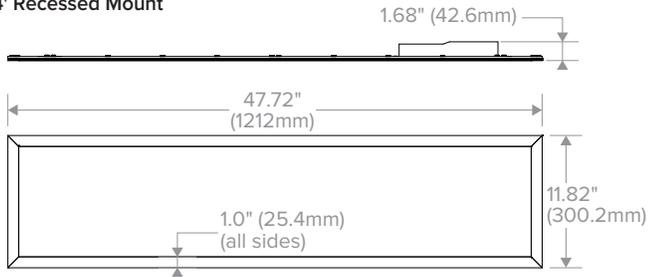| Accessories (Order Separately)		
	PLD10M	Dual-Lite® Emergency LED Battery Pack, field installed[1]
	PLRTS	Remote Test Switch/Charge Indicator Module (fits single-gang box)
	FK14	1x4 Single Flange Kit
	FK22	2x2 Single Flange Kit
	FK24	2x4 Single Flange Kit
	SRPSMK-14	1x4 CFP Surface Mount Kit
	SRPSMK-22	2x2 CFP Surface Mount Kit
	SRPSMK-24	2x4 CFP Surface Mount Kit
	CFPCM36Y SC5F-KIT	36" Cable Mount Kit for 1' or 2' wide Cable Mount fixtures, 5-wire

Notes:

1   Fixtures with Emergency Battery Pack require a remote-mounted test switch, we suggest the Dual-Lite PLRTS.
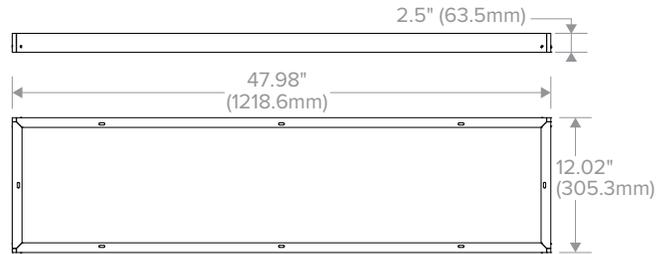
HUBBELL **HUBBELL Lighting**

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EDGE-LIT FLAT PANEL

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DIMENSIONS

1'x4' Recessed Mount

1.68" (42.6mm)

47.72" (1212mm)

1.0" (25.4mm) (all sides)

11.82" (300.2mm)

1'x4' Surface Mount

2.5" (63.5mm)

47.98" (1218.6mm)

12.02" (305.3mm)

2'x2' Recessed Mount

1.68" (42.6mm)

23.7" (602mm)

23.7" (602mm)

1.0" (25.4mm) (all sides)

2'x2' Surface Mount

2.5" (63.5mm)

24.16" (613.6mm)

24.16" (613.6mm)

2'x4' Recessed Mount

0.4" (9.3mm)

1.68" (42.6mm)

47.7" (1212mm)

23.7" (602mm)

1.0" (25.4mm) (all sides)

2'x4' Surface Mount

2.5" (63.5mm)

47.98" (1218.6mm)

24.16" (613.6mm)

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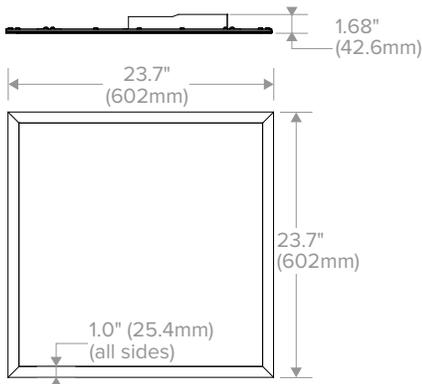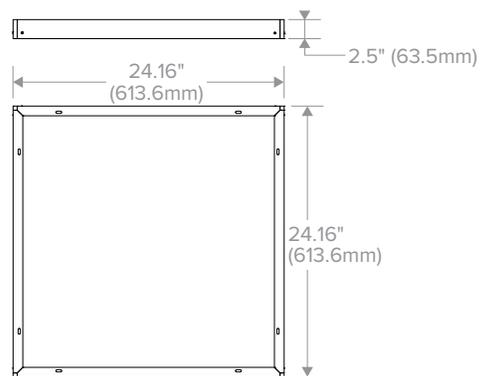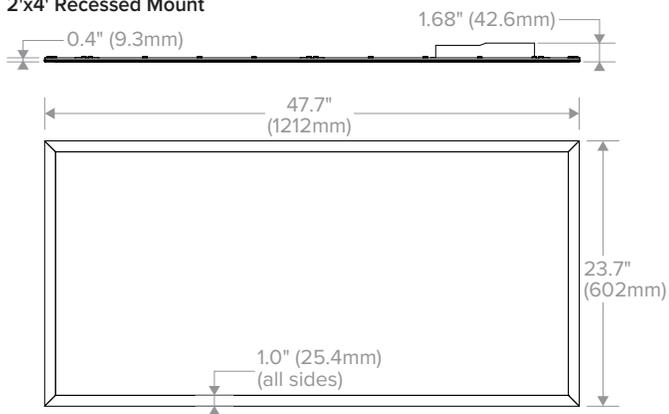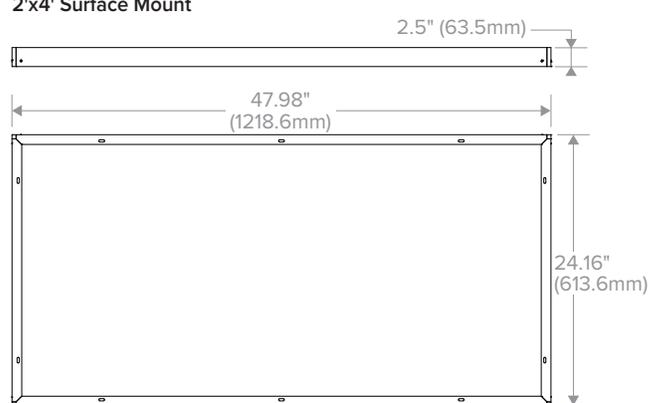
PHOTOMETRY

CFP14-LSCS

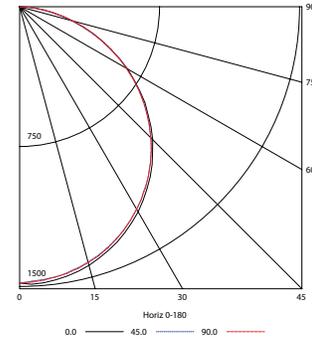#### LUMINAIRE DATA

Test No.	20.01296
Description	1x4 LED Flat-Panel; Lumen Switchable, Color Switchable
Delivered Lumens	4295
Watts	35.9
Efficacy	120
Mounting	Recessed
Spacing Criterion	0° = 1.27 90° = 1.25

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	1153	26.8
0–40	1891	44.0
0–60	3358	78.2
0–90	4295	100.0
0–180	4295	100.0

POLAR GRAPH

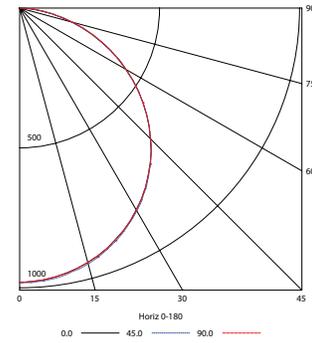### CFP22-LSCS

LUMINAIRE DATA

Test No.	20.01303
Description	2x2 LED Flat-Panel; Lumen Switchable, Color Switchable
Delivered Lumens	2851
Watts	25.1
Efficacy	114
Mounting	Recessed
Spacing Criterion	0° = 1.26 90° = 1.26

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	765	26.8
0–40	1255	44.0
0–60	2230	78.2
0–90	2851	100.0
0–180	2851	100.0

POLAR GRAPH

CFP24-75CS

LUMINAIRE DATA

Test No.	20.01300
Description	2x4 LED Flat-Panel; Color Switchable
Delivered Lumens	7747
Watts	59.0
Efficacy	131
Mounting	Recessed
Spacing Criterion	0° = 1.27 90° = 1.26

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	2072	26.7
0–40	3402	43.9
0–60	6050	78.1
0–90	7747	100.0
0–180	7747	100.0

POLAR GRAPH

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