LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — The CPX Series LED is a low-glare panel featuring an external driver. This cost-effective, reliable flat panel is visually comfortable and can be recessed mounted. Suitable for many applications such as schools, offices, retail, convenience stores, hospitals, healthcare facilities and other commercial spaces. Certain airborne contaminants can diminish integrity of acrylic. **Click here for Acrylic Environmental Compatibility table for suitable uses**. **U.S. Patent No. 10,681,784.**

CONSTRUCTION — The extruded aluminum frame with satin white lens provides excellent shielding and uniform luminance. CPX's low-profile design provides increased installation flexibility especially in restricted plenum spaces. The back plate includes integral T-bar clips for installation into T-grid ceilings.

ELECTRICAL — Direct-lit Panel with Long-Life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. Greater than 70% LED lumen maintenance at 60,000 hours (L70>60,000). 0-10V dimming driver, dims to 10% and contains non-isolated dimming leads.

CONTROLS — SensorSwitch wireless dimming (JOT) or luminaire-embedded occupancy sensor control (JOTVTX15) with JOT pairing for wall switch On/Off /Dimming control or auto off when the space is unoccupied. See page 4 for more details of the integrated wireless sensor.

LISTINGS — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. IP5X Rated. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. Rated for NSF/ANSI Standard 2 - Light Fixture for Splash Zone and Non Food Zone. NOM Certified.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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

CPX LED PANEL
Configurable
1' x 4', 2' x 2'and 2' x 4'

[43mm]
1.7in

† Tested in accordance with ISO 14644-1; suitable for ISO Class 5-9 positive and negative pressure clean rooms.

ORDERING INFORMATION

Example: CPX 2X2 3200LM 80CRI 40K SWL MIN10 ZT MVOLT E10WLCP

Series		Fixture Dimension		Lumen Output		CRI		Color Temperature		Diffuser		Minimum Dimming Level	
CPX	LED Panel	**1X4**	1' X 4'	**Standard lumens:** **3200LM** 3200 Lumens **5000LM** 5000 Lumens	**High Efficiency lumens:** **3200LMHE** 3200 Lumens	**80CRI**	80 CRI	**35K** 3500K **40K** 4000K **50K** 5000K		**SWL** Satin White **A12** Prismatic A12 Pattern		**MIN10** Dims to 10% **MIN1** Dims to 1%	
		2X2	2' X 2'	**3200LM** 3200 Lumens **5000LM** 5000 Lumens	**3200LMHE** 3200 Lumens								
		2X4	2' X 4'	**4000LM** 4000 Lumens **5000LM** 5000 Lumens **6000LM** 6000 Lumens	**4000LMHE** 4000 Lumens								

Dimming		Voltage		Emergency Option		Controls		Options	
(blank)	If Controls are being used. Generic 0-10V Dimming	**MVOLT**	MVOLT, 120-277V	**(blank)**	no battery	**(blank)**	no controls	**PWS1836**	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit ‡
ZT		**347**	347 ‡	**E10WLCP**	EM Self-Diagnostic battery pack, 10W Constant Power, CEC compliant	**JOT**	Wireless room control with "Just One Touch" pairing ‡	**PWS1846**	6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit ‡
						JOTVTX15	Wireless occupancy sensor with "Just One Touch" pairing ‡	**PWS1856LV**	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/ low voltage ‡
						VTX15	Standalone occupany sensor ‡	**PWS1846 PWSLV**	Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge ‡
								CP	Chicago plenum ‡
								NPLT	Narrow Pallet
								BAA	Buy America(n) Act Compliant

NOTE: ‡ indicates option chosen has ordering restriction or note. Please reference restrictions/notes chart on next page. Options are sorted alphanumerically.

OPTION VALUE RESTRICTIONS/ NOTES

Option value	Restriction
‡ Option Value Ordering Notes/ Restrictions	
347	Not available with E10WLCP or Controls.
JOT, JOTVTX15	Daylight photocell control can be enabled by using the Clairity mobile app. Leave Dimming option blank.
VTX15	Factory configured for ADC - on/off occupancy with auto-dimming photocell. Leave Dimming option blank.
PWS1836	Not available with E10WLCP.
PWS1846	Only available with E10WLCP.
PWS1856LV	Not available with E10WLCP or Controls.
PWS1846 PWSLV	Not available with Controls.
E10WLCP	Configurations with E10WLCP to be used in daisy chaining or through wiring will require a Y connector not supplied. If used with CP option the contractor must verify that the Y connector is Chicago Plenum rated.
ILBLP CP10 HE SD A	ILBLP CP10 HE SD A remote mounted only. See ILBLP CP10 HE SD A spec sheet and ELA-PSMKPSMKSD-PSDMT-PSRME remote mounting enclosure spec sheet here.
CP	Not available with PWS1836, PWS1846, PWS1856LV, or PWS1846 PWSLV.

PERFORMANCE DATA

Model #	Lumens	LPW	Watts
CPX 1x4 3200LM 80CRI 35K A12	3499	109.86	31.85
CPX 1x4 3200LM 80CRI 35K SWL	3629	113.94	31.85
CPX 1x4 3200LM 80CRI 40K A12	3608	113.28	31.85
CPX 1x4 3200LM 80CRI 40K SWL	3742	117.49	31.85
CPX 1x4 3200LM 80CRI 50K A12	3663	115.01	31.85
CPX 1x4 3200LM 80CRI 50K SWL	3799	119.28	31.85
CPX 1x4 3200LMHE 80CRI 35K A12	3492	122.61	28.48
CPX 1x4 3200LMHE 80CRI 35K SWL	3621	127.14	28.48
CPX 1x4 3200LMHE 80CRI 40K A12	3590	126.05	28.48
CPX 1x4 3200LMHE 80CRI 40K SWL	3723	130.72	28.48
CPX 1x4 3200LMHE 80CRI 50K A12	3664	128.65	28.48
CPX 1x4 3200LMHE 80CRI 50K SWL	3800	133.43	28.48
CPX 1x4 5000LM 80CRI 35K A12	4769	121.66	39.2
CPX 1x4 5000LM 80CRI 35K SWL	4946	126.17	39.2
CPX 1x4 5000LM 80CRI 40K A12	4904	125.10	39.2
CPX 1x4 5000LM 80CRI 40K SWL	5086	129.74	39.2
CPX 1x4 5000LM 80CRI 50K A12	5004	127.65	39.2
CPX 1x4 5000LM 80CRI 50K SWL	5190	132.40	39.2
CPX 2X2 3200LM 80CRI 35K A12	3522	113.61	31
CPX 2X2 3200LM 80CRI 35K SWL	3653	117.84	31
CPX 2X2 3200LM 80CRI 40K A12	3632	117.16	31
CPX 2X2 3200LM 80CRI 40K SWL	3767	121.52	31
CPX 2X2 3200LM 80CRI 50K A12	3687	118.94	31
CPX 2X2 3200LM 80CRI 50K SWL	3824	123.35	31
CPX 2X2 3200LMHE 80CRI 35K A12	3499	131.59	26.59
CPX 2X2 3200LMHE 80CRI 35K SWL	3629	136.48	26.59
CPX 2X2 3200LMHE 80CRI 40K A12	3598	135.31	26.59
CPX 2X2 3200LMHE 80CRI 40K SWL	3732	140.35	26.59
CPX 2X2 3200LMHE 80CRI 50K A12	3672	138.10	26.59
CPX 2X2 3200LMHE 80CRI 50K SWL	3808	143.21	26.59
CPX 2X2 5000LM 80CRI 35K A12	4980	126.27	39.44
CPX 2X2 5000LM 80CRI 35K SWL	5166	130.98	39.44
CPX 2X2 5000LM 80CRI 40K A12	5121	129.84	39.44
CPX 2X2 5000LM 80CRI 40K SWL	5311	134.66	39.44
CPX 2X2 5000LM 80CRI 50K A12	5226	132.51	39.44
CPX 2X2 5000LM 80CRI 50K SWL	5420	137.42	39.44

Model #	Lumens	LPW	Watts
CPX 2x4 4000LM 80CRI 35K A12	4856	123.59	39.29
CPX 2x4 4000LM 80CRI 35K SWL	5037	128.20	39.29
CPX 2x4 4000LM 80CRI 40K A12	5008	127.46	39.29
CPX 2x4 4000LM 80CRI 40K SWL	5194	132.20	39.29
CPX 2x4 4000LM 80CRI 50K A12	5083	129.37	39.29
CPX 2x4 4000LM 80CRI 50K SWL	5273	134.21	39.29
CPX 2x4 4000LMHE 80CRI 35K A12	4845	132.99	36.43
CPX 2x4 4000LMHE 80CRI 35K SWL	5026	137.96	36.43
CPX 2x4 4000LMHE 80CRI 40K A12	4982	136.76	36.43
CPX 2x4 4000LMHE 80CRI 40K SWL	5167	141.83	36.43
CPX 2x4 4000LMHE 80CRI 50K A12	5084	139.56	36.43
CPX 2x4 4000LMHE 80CRI 50K SWL	5273	144.74	36.43
CPX 2x4 5000LM 80CRI 35K A12	4856	123.59	39.29
CPX 2x4 5000LM 80CRI 35K SWL	5037	128.2	39.29
CPX 2x4 5000LM 80CRI 40K A12	5008	127.46	39.29
CPX 2x4 5000LM 80CRI 40K SWL	5194	132.2	39.29
CPX 2x4 5000LM 80CRI 50K A12	5083	129.37	39.29
CPX 2x4 5000LM 80CRI 50K SWL	5273	134.21	39.29
CPX 2x4 6000LM 80CRI 35K A12	5661	130.89	43.25
CPX 2x4 6000LM 80CRI 35K SWL	5871	135.75	43.25
CPX 2x4 6000LM 80CRI 40K A12	5820	134.57	43.25
CPX 2x4 6000LM 80CRI 40K SWL	6037	139.58	43.25
CPX 2x4 6000LM 80CRI 50K A12	5940	137.34	43.25
CPX 2x4 6000LM 80CRI 50K SWL	6161	142.45	43.25

ACCESSORIES

Accessories: *Order as separate catalog number.*

ILBLP CP10 HE SD A	IOTA 10 Watt Constant Power, High Efficiency LED Emergency Driver for CA Title 20 ‡
ELA PSDMT	Remote mount tray for ILBLP battery.
DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
1X4SMKSH	Multi-Use Surface Mount Kit 1x4, Shallow Depth
2X2SMKSH	Multi-Use Surface Mount Kit 2x2, Shallow Depth
2X4SMKSH	Multi-Use Surface Mount Kit 2x4, Shallow Depth
1X4SMKSHP PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint
2X2SMKSHP PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSHP PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint
PAC 2DNF 36	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed, 36 inches. Recommended for 2X2 or 1X4 Panel Fixture.
PAC 2DF 36	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 36 inches. Recommended for 2X2 or 1X4 Panel Fixture. [1]
PAC 4DNF 36	Panel Air Craft Kit, 4 cables, No Power Feed, 36 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.
PAC 4DF 36	Panel Air Craft Kit, 4 cables, with Power Feed, 36 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures. [1]
PAC 2DNF 72	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed 72 inches. Recommended for 2X2 or 1X4 Panel Fixture.
PAC 2DF 72	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 72 inches. Recommended for 2X2 or 1X4 Panel Fixture. [1]
PAC 4DNF 72	Panel Air Craft Kit, 4 cables, No Power Feed, 72 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.
PAC 4DF 72	Panel Air Craft Kit, 4 cables, with Power Feed, 72 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures. [1]
RK8BDP 2P U	Disconnect Plug (BDP), 2 Pole, Package of 1
RK8BDP 3P U	Disconnect Plug (BDP), 3 Pole, Package of 1
RK8BDP 2P J10	Disconnect Plug (BDP), 2 Pole, Package of 10
RK8BDP 2P J40	Disconnect Plug (BDP), 2 Pole, Package of 40

Emergency Battery Delivered Lumens

Use the formula below to determine the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Output power of emergency driver (10W for PS1055)

LPW = Lumen per watt rating of the luminaire.

Notes
1   For MVOLT only, not available with 347V.

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter/ 2-hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.
Please contact us at productsupportemergency@acuitybrands.com for any Emergency Battery related questions.

Lumen Maintenance

Reported Lumen Maintenance	Forecasted Lumen Maintenance
L90 @ 52k Hrs / L80 @ >60k Hrs / L70 @ >60k Hrs	L90 @ 52k Hrs / L80 @ 108k Hrs / L70 @ 170k Hrs

*Note - Reported LM based on IES standard 6X test period for LM-80 report. Forecasted LM based on TM-21 report extrapolation past 6X LM-80 testing.

CPX compatible with Sensor Switch™ WSX-D and SPOD wall switches.

WSX-D

SPOD

PHOTOMETRICS

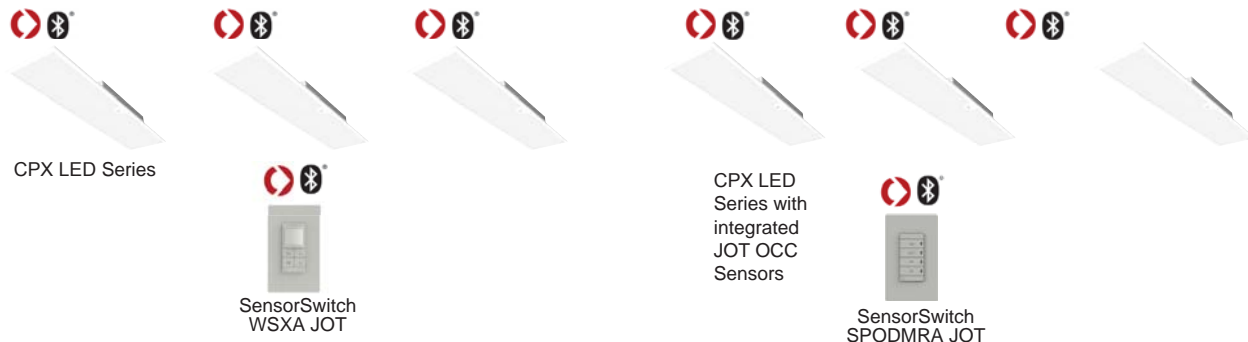See www.lithonia.com for photometry reports.

JOT WIRELESS

SensorSwitch JOT Enabled Wireless Solution
Designed with contractors in mind, the SensorSwitch JOT enabled wireless solution offers a straightforward approach to the installation and pairing of lighting fixtures and controls. Absolutely no 0-10V control wires and no mobile apps are needed with JOT enabled products, allowing for lightning speed installation right out of the box.

1. Power: Install JOT enabled fixtures and controls as instructed.
2. Pair: Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. Play: Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

CPX LED Series

SensorSwitch WSXA JOT

CPX LED Series with integrated JOT OCC Sensors

SensorSwitch SPODMRA JOT

CPX 2X4 with JOT Vertex Sensor

CPX 1X4 with JOT Vertex sensor

CPX 2X2 with JOT Vertex Sensor

LITHONIA LIGHTING®

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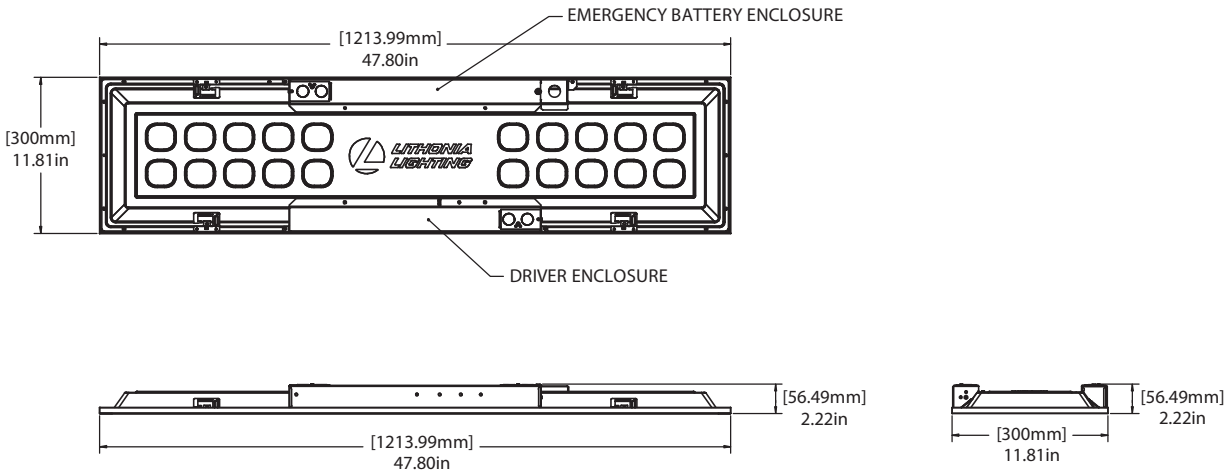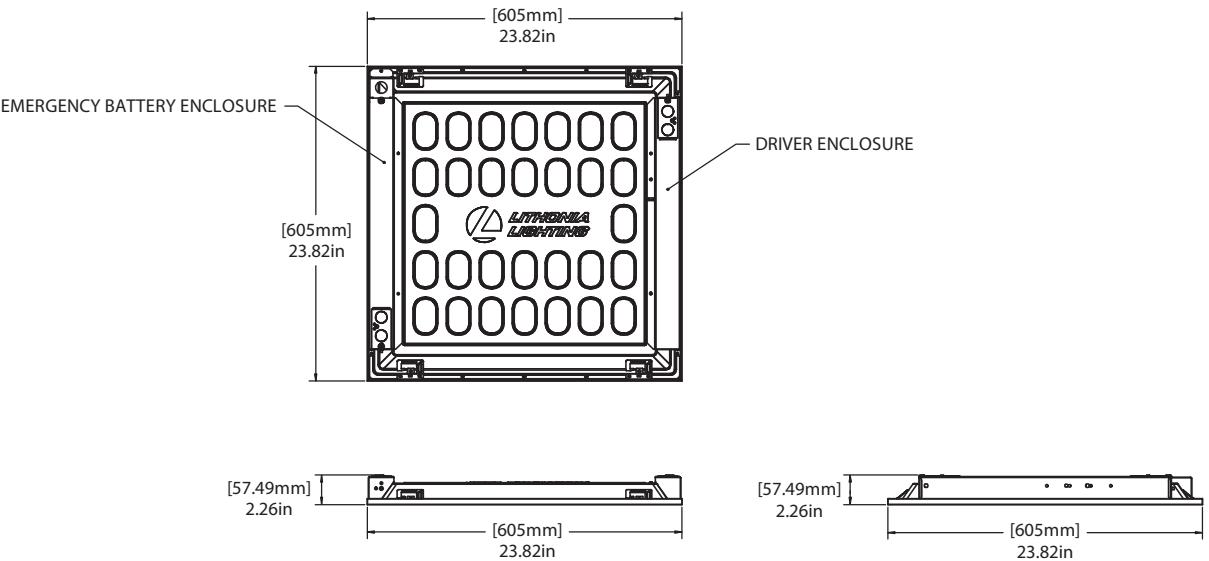# Configurable CPX   LED Flat Panel

DIMENSIONS

Length: 47.8" 121.4cm
Width: 11.8" 30.0cm
Depth: 2.1" 5.4cm
Weight:
Unit: 8.11lbs
Unit Carton: 15.1lbs

EMERGENCY BATTERY ENCLOSURE

[1213.99mm]
47.80in

[300mm]
11.81in

DRIVER ENCLOSURE

[56.49mm]
2.22in

[1213.99mm]
47.80in

[300mm]
11.81in

[56.49mm]
2.22in

Length: 23.8" 60.5cm
Width: 23.8" 60.5cm
Depth: 1.7" 4.3cm
Weight:
Unit: 9.45lbs
Unit Carton: 10.45lbs
Master Carton: 39.5lbs

EMERGENCY BATTERY ENCLOSURE

[605mm]
23.82in

[605mm]
23.82in

DRIVER ENCLOSURE

[57.49mm]
2.26in

[605mm]
23.82in

[57.49mm]
2.26in

[605mm]
23.82in

Configurable CPX LED Flat Panel

DIMENSIONS

Length: 47.8 (121.4)

Width: 23.8" 60.5cm

Depth: 1.7" 4.3CM

Weight:
Unit: 17.05lbs
Unit Carton: 19.05lbs
Master Carton: 36.55lbs

EMERGENCY BATTERY ENCLOSURE

DRIVER ENCLOSURE

[605mm]
23.82in

[1213.99mm]
47.80in

[56.49mm]
2.22in

[1213.99mm]
47.80in

[56.49mm]
2.22in

[605mm]
23.82in

LITHONIA LIGHTING