

DIGITAL NAVIGATION

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FEATURES & SPECIFICATIONS

INTENDED USE — The CPX Series LED is a low-glare back-lit 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. A typically configured CPX features a **Unified Glare Rating (UGR)** starting at 17. Certain airborne contaminants can diminish the integrity of acrylic. [Click here for Acrylic Environmental Compatibility table for suitable uses.](#) **U.S. Patent No. 10,681,784.**

CONSTRUCTION — A metal 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 (L80>60,000). 0-10V dimming driver. Options available for dimming to 1% or 10%. Contains non-isolated dimming leads.

Integrated Wireless Sensor (single room control) — SensorSwitch wireless dimming (JOT) or luminaire embedded occupancy sensor control (VPIR15) with JOT pairing for wall switch On/Off/Dimming control or auto off when the space is unoccupied. See page 8 for more details of the integrated wireless sensor.

Integrated Sensor (nLight® Wired Networking) — This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software.

Integrated Smart Sensor (nLight Air Wireless Platform) — The RES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or a microphonics (PDT) dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CLAIRITY+, which allows for simple sensor adjustment.

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.

GOVERNMENT PROCUREMENT — BAA – Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

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.

Catalog Number
Notes
Type

CPX LED PANEL

Configurable
1' x 4', 2' x 2' and 2' x 4'



[†] Tested in accordance with ISO 14644-14; suitable for ISO Class 5-9 positive and negative pressure clean rooms.

Embed nLight controls today. Prepare for tomorrow.

Now	Tomorrow
User-friendly install	Scalability
Enhanced energy savings	Space configuration
Code compliance	Future-ready

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency – including color rendering, color fidelity, and color temperature tolerance around standard CIE chromaticity coordinates.


To learn more about Acuity A+ standards, specifications, and testing visit www.acuitybrands.com/aplus.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.

*See ordering tree for details

Configurable CPX LED Flat Panel

 Design Select options indicated by this color background.

 Looking for Contractor Select readily available configurations? Click here to visit Contractor Select™ spec sheet or go to www.contractorselect.com

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:	80CRI 80 CRI	30K 3000K	SWL Satin White	MIN10 Dims to 10%	
		2000LM 2000 Lumens	90CRI 90 CRI ‡	35K 3500K	A12 Prismatic	MIN1 Dims to 1% ‡	
		3200LM 3200 Lumens		40K 4000K	A12 Pattern		
	2X2 2' X 2'	4000LM 4000 Lumens					
		5000LM 5000 Lumens					
		6000LM 6000 Lumens					
	2X4 2' X 4'	2000LM 2000 Lumens	High Efficiency lumens:				
		3200LM 3200 Lumens	3200LMHE 3200 Lumens				
		4000LM 4000 Lumens	4000LMHE 4000 Lumens				
5000LM 5000 Lumens							
6000LM 6000 Lumens							
10000LM 10000 Lumens ‡							

Dimming ‡	Voltage	Step Level Dimming	Emergency Option
(blank) If Controls are being used.	MVOLT MVOLT, 120-277V	(blank) None	(blank) No battery
ZT Generic 0-10V Dimming	120 120V	SLD Step Level Dimming ‡	E10WLCP EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS ‡
EZT eldoLED 0-10V Dimming ‡	277 277V		E10WRSTAR Emergency battery pack, Enabled with STAR ‡
	347 347 ‡		E7W Emergency Battery Pack, 7W, CA Title 20 Noncompliant ‡
			GTD Generator Transfer Device ‡

Control Input	Sensor	Options
(blank) No controls	(blank) No sensor	GLR Fast-blowing fuse ‡
SSE Sensor Switch Embedded	APIR Occ sensing with passive infrared - on/off functionality and auto dimming photocell	GMF Slow-blowing Fuse ‡
	APDT Occ sensor dual tech (passive infrared & microphonics) and auto dimming photocell	PWS1836 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit ‡
	VAPIR15 Vertex low-profile on/off occupancy sensor with auto dimming photocell with VLP programming at 15ft mounting height	PWS1846 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit ‡
NLIGHT nLight enabled	(blank) No sensor, Control Input function only	PWS1856LV 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/ low voltage ‡
NLIGHTER nLight enabled, for use with generator supply EM power	PIR Occ sensing with passive infrared - on/off functionality	PWS1846 PWSLV Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge ‡
NLIGHTLM nLight enabled with lumen management	PDT Occ sensor dual tech (passive infrared & microphonics)	DWAM Anti-Microbial paint
NLIGHTERLM nLight enabled with lumen management, for use with generator supply EM power	APIR Occ sensing with passive infrared - on/off functionality and auto dimming photocell	CP Chicago plenum ‡
	APDT Occ sensor dual tech (passive and microphonics) and auto dimming photocell.	NPLT Narrow Pallet
NLTAIR2 nLight AIR Generation 2 (wireless) enabled ‡	(blank) No sensor, Control Input function only	BAA Buy America(n) Act and/or Build America Buy America Qualified
NLTAIREM2 nLight AIR Generation 2 (wireless) enabled and UL924 Emergency Operation, via power interrupt detection. ‡	APIR Occ sensing with passive infrared - on/off functionality and auto dimming photocell	
	APDT Occ sensor dual tech (passive and microphonics) and auto dimming photocell	
	APIREM Occ sensing with passive infrared - on/off functionality and auto dimming photocell and UL924 Emergency operation, via power interrupt detection	
	APDTEM Occ sensing dual tech- ((passive infrared & microphonics) and auto dimming photocell and UL924 Emergency operation, via power interrupt detection	
JOT Wireless room control with "Just One Touch" pairing	(blank) No sensor, Control Input function only	
	VAPIR15 Vertex low-profile on/off occupancy sensor with auto dimming photocell at 15ft mounting height	

NOTE: ‡ indicates option chosen has ordering restriction or note. Please reference restrictions/notes chart on next page. Restriction notes are sorted in the sequence they appear in the ordering tree.

OPTION VALUE RESTRICTIONS/ NOTES

‡ Option Value Ordering Notes/ Restrictions	
Option value	Restriction
Lumen Output High Efficiency (HE)	HE is not available with 90CRI.
10000LM	Not available with JOT or with VAPIR15.
MIN1	Required for all Control Input Options, except JOT.
90CRI	Not available with 2000 Lumens or any HE lumen package.
Dimming	If Control Input option selected leave this section blank.
EZT	Not available with 10000LM combined with 2X4.
347	347 not available with SLD, E10WLCP, E7W, and GTD Options.
SLD	Leave Minimum Dimming Level and Dimming option sections blank. Not available with MIN1, MIN10, EZT, ZT or GTD. Not available with any controls.
E10WLCP, E7W	Not available with 347. Configurations with E10WLCP or E7W 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.
E10WRSTAR	Not compatible with 347.
GTD	Not available with 347, SLD or in 1X4 combined with 6000LM.
NLTAIR2	See UL924 Sequence of Operation Chart below. Can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options .
NLTAIREM2	See UL924 Sequence of Operation Chart below. Leave Sensor option section blank, not available with APIR, APDT, APIREM, or APDTEM.
GLR, GMF	Must specify voltage, only available with 120 or 277V.
PWS1836	Not available with E10WLCP, E7W, GTD or E10WRSTAR.
PWS1846	Only available with E10WLCP, E7W or SLD.
PWS1856LV	Not available with E10WLCP, E7W or Controls.
PWS1846 PWSLV	Not available with Controls or SLD.
CP	CP Not available with PWS1836, PWS1846, PWS1856LV, or PWS1846 PWSLV, NLIGHT, NLIGHTER, NLIGHTLM, NLIGHTERLM options.

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
1X4SMKSH PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint
2X2SMKSH PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSH 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
CPX Gasket Kit	Fixture/Grid foam gasket, cut to size, 2x4/1x4/2x2 ²

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

- For MVOLT only, not available with 347V.
- CPX Gasket kit accommodates a single 1x4, 2x2 or 2x4 CPX fixture. This kit does not make the fixture IP65 compliant.

UL924 Sequence of Operation
The below information applies to all nLight AIR devices with an EM option.
<ul style="list-style-type: none"> EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds. Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts. Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

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
ILB CP10 HE AELR A	10W	90	1200	Title 20; Enabled with Self Testing, Automated Reporting (STAR)
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

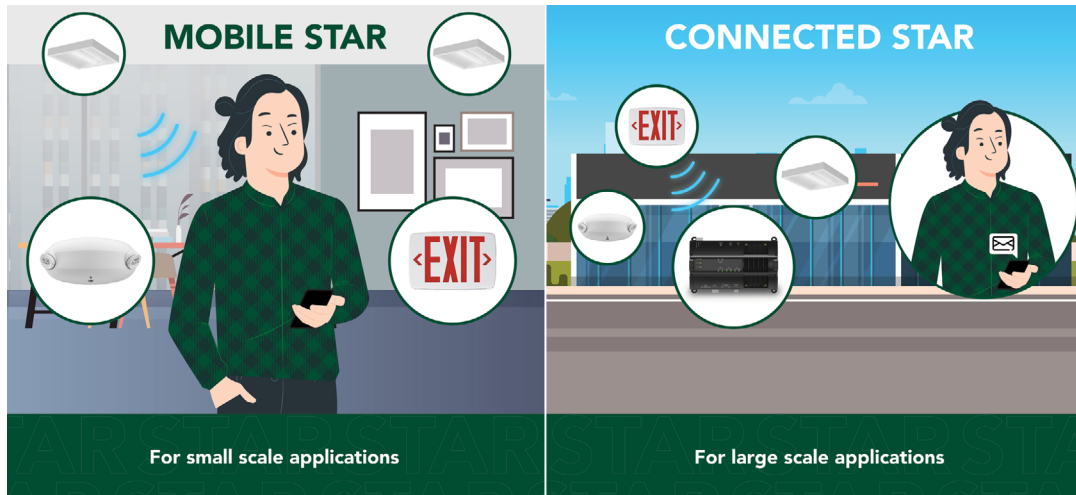
All the above are UL Listed products that are certified for field install external/remote to the fixture.
 *Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
 The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency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

Enabled with STAR

Emergency Lighting with Self-Testing Automated Reporting (STAR), enables self-testing and automated reporting to aid in life safety code compliance. Build your solution and choose your preferred deployment from Mobile STAR, where test data is logged in each individual unit and broadcast to the CIAIRity™+ app, or Connected STAR, where test data is logged in the STAR Gateway by IOTA® and emailed directly. **Leave the ladders, disruptions and written records behind with emergency lighting solutions with STAR!**

Life Safety Code NFPA 101 testing and reporting requirements for emergency lighting include:

-  Testing for 30 seconds every 30 days
-  Testing for 90 minutes once a year
-  Record keeping and to report to the authority having local jurisdiction



PERFORMANCE DATA

Table with 4 columns: Model #, Lumens, LPW, Watts. Lists 75 CPX 2X2 models with varying dimensions and beam spreads.

Table with 4 columns: Model #, Lumens, LPW, Watts. Lists 75 CPX 2X4 models with varying dimensions and beam spreads.

Table with 4 columns: Model #, Lumens, LPW, Watts. Lists 75 CPX 1X4 models with varying dimensions and beam spreads.

Optical Performance

UGR Values of CPX 1x4 @ 80CRI and 3500K (70% 50% 20% reflectance using a 4H x 8H room size)				
Lumen Package	A12		SWL	
	Crosswise	Endwise	Crosswise	Endwise
2000LM	17.5	17.6	19.8	19.5
3200LM	19.1	19.2	21.4	21.1
3200LMHE	19.3	19.3	21.5	21.3
4000LM	19.9	20	22.2	21.9
4000LMHE	20	20.1	22.3	22
5000LM	20.6	20.7	22.9	22.6
6000LM	21.5	21.6	23.8	23.5

UGR Values of CPX 2x2 @ 80CRI and 3500K (70% 50% 20% reflectance using a 4H x 8H room size)				
Lumen Package	A12		SWL	
	Crosswise	Endwise	Crosswise	Endwise
2000LM	17.3	17.6	19.7	19.5
3200LM	19.1	19.4	21.5	21.3
3200LMHE	19.1	19.4	21.5	21.3
4000LM	19.7	20.1	22.2	22
4000LMHE	19.7	20.1	22.2	22
5000LM	20.4	20.8	22.9	22.6
6000LM	21.1	21.5	23.6	23.3

UGR Values of CPX 2x4 @ 80CRI and 3500K (70% 50% 20% reflectance using a 4H x 8H room size)				
Lumen Package	A12		SWL	
	Crosswise	Endwise	Crosswise	Endwise
3000LM	16.2	16.4	18.5	18.4
4000LM	17.4	17.8	19.9	19.7
4000LMHE	17.6	17.9	20	19.9
5000LM	17.7	17.9	20	19.9
5000LMHE	18	18.3	20.4	20.3
6000LM	18.2	18.5	20.6	20.5
7200LM	19.1	19.4	21.5	21.4
8500LM	19.7	20	22.1	22
10000LM	20.3	20.6	22.7	22.5

*UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR and/or "Point-UGR" values. To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application.

Lumen Maintenance

Reported Lumen Maintenance	Forecasted Lumen Maintenance
L90 @ 37k Hrs / L80 @ >60k Hrs / L70 @ > 60k Hrs	L90 @ 37k Hrs / L80 @ 76k Hrs / L70 @ 120k 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.

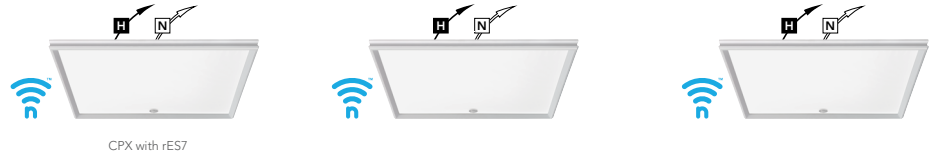
Intelligent Luminaire Technology Guide

Choose nomenclature from these columns

Control Input	+	Sensor	=	Sensor	Notes
				SSE	+
SSE	+	APDT	=	MSD PDT 7 ADCX	Individual fixture control only. PDT integral occupancy sensor with automatic dimming control photocell.
SSE	+	VPIR15	=	VERTEX 15F EZ VLP	Vertex low-profile on/off occupancy sensor with auto dimming photocell with VLP programming at 15ft mounting height.
JOT	+	(blank)	=	BTRM JOT BTA	Wireless room control with "Just One Touch" pairing.
JOT	+	VPIR15	=	BTRM JOT BTA + VERTEX 15F EZ VLP GSKT	Wireless room control with "Just One Touch" pairing.
NLIGHT	+	(blank)	=	nIO EZ PH	nLight enabled only. No onboard sensor.
NLIGHT	+	PIR	=	nIO EZ PH + nES 7	nLight enabled with PIR integral occupancy sensor.
NLIGHT	+	PDT	=	nIO EZ PH + nES PDT 7	nLight enabled with dual technology occupancy control sensor.
NLIGHT	+	APIR	=	nIO EZ PH + nES 7 ADCX	nLight enabled with PIR integral occupancy sensor with automatic dimming photocell.
NLIGHT	+	APDT	=	nIO EZ PH + nES PDT 7 ADCX	nLight enabled with dual technology occupancy controls sensor with automatic dimming photocell.
NLIGHTER	+	(blank)	=	nIO EZ PH ER	Emergency nLight enabled only. No onboard sensor.
NLIGHTER	+	PIR	=	nIO EZ PH ER + nES 7	Emergency nLight enabled with PIR integral occupancy sensor.
NLIGHTER	+	PDT	=	nIO EZ PH ER + nES PDT 7	Emergency nLight enabled with dual technology occupancy control sensor.
NLIGHTER	+	APIR	=	nIO EZ PH ER + nES 7 ADCX	Emergency nLight enabled with PIR integral occupancy sensor with automatic dimming photocell.
NLIGHTER	+	APDT	=	nIO EZ PH ER + nES PDT 7 ADCX	Emergency nLight enabled with dual technology occupancy controls sensor with automatic dimming photocell.
NLIGHTLM	+	(blank)	=	nIO EZ PH N80	nLight enabled only with 80% constant lumen management. No onboard sensor.
NLIGHTLM	+	PIR	=	nIO EZ PH N80 + nES 7	nLight enabled with 80% constant lumen management with PIR integral occupancy sensor.
NLIGHTLM	+	PDT	=	nIO EZ PH N80 + nES PDT 7	nLight enabled with 80% constant lumen management with dual technology occupancy control sensor.
NLIGHTLM	+	APIR	=	nIO EZ PH N80 + nES 7 ADCX	nLight enabled with 80% constant lumen management with PIR integral occupancy sensor with automatic dimming photocell.
NLIGHTLM	+	APDT	=	nIO EZ PH N80 + nES PDT 7 ADCX	nLight enabled with 80% constant lumen management with dual technology occupancy controls sensor with automatic dimming photocell.
NLIGHTERLM	+	(blank)	=	nIO EZ PH ER N80	Emergency nLight enabled only with 80% constant lumen management. No onboard sensor.
NLIGHTERLM	+	PIR	=	nIO EZ PH ER N80 + nES 7	Emergency nLight enabled with 80% constant lumen management with PIR integral occupancy sensor.
NLIGHTERLM	+	PDT	=	nIO EZ PH ER N80 + nES PDT 7	Emergency nLight enabled with 80% constant lumen management with dual technology occupancy control sensor.
NLIGHTERLM	+	APIR	=	nIO EZ PH ER N80 + nES 7 ADCX	Emergency nLight enabled with 80% constant lumen management with PIR integral occupancy sensor with automatic dimming photocell.
NLIGHTERLM	+	APDT	=	nIO EZ PH ER N80 + nES PDT 7 ADCX	Emergency nLight enabled with 80% constant lumen management with dual technology occupancy controls sensor with automatic dimming photocell.
NLTAIR2	+	(blank)	=	RIO EZ PH 180D G2	nLight AIR Generation 2 enabled.
NLTAIREM2	+	(blank)	=	RIO EZ PH ER 180D G2	nLight AIR Generation 2 enabled
NLTAIR2	+	APIR	=	RES7 G2	nLight AIR Generation 2 enabled.
NLTAIR2	+	APDT	=	RES7 PDT 90D G2	nLight AIR Generation 2 enabled.
NLTAIR2	+	APIREM	=	RES7 EM 90D G2	nLight AIR Generation 2 enabled.
NLTAIR2	+	APDTEM	=	RES7 PDT EM 90D G2	nLight AIR Generation 2 enabled.

nLight Platform

nLight AIR Wireless



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With the CLAIRITY+ Pro app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome



nLight Wired Networking



Simple as 1,2,3

1. Install the nLight® Wired fixtures with embedded control
2. Install the nLight Wired wall switch
3. Connect the fixtures using standard CAT5e cables and the devices will automatically discover each other and work (plug and play)



nLight embedded fixtures offer:	Customers get:
Manual Dimming	Convenience and visual comfort for occupants
Motion Sensing and/or Daylight Harvesting	Energy savings and code compliance
Fixture or Group Level Control	Ability to configure lighting to the space requirements
Flexibility	Ease of fixture moves, adds and changes
Wireless Wall Switch (nLight AIR Only)	Ease and flexibility of placement
Astronomical and Time of Day Scheduling	Energy savings and building security
Scalable Solution	nLight controls to grow with your business
Future-Ready	nLight platform to set foundation for future upgrades and capabilities

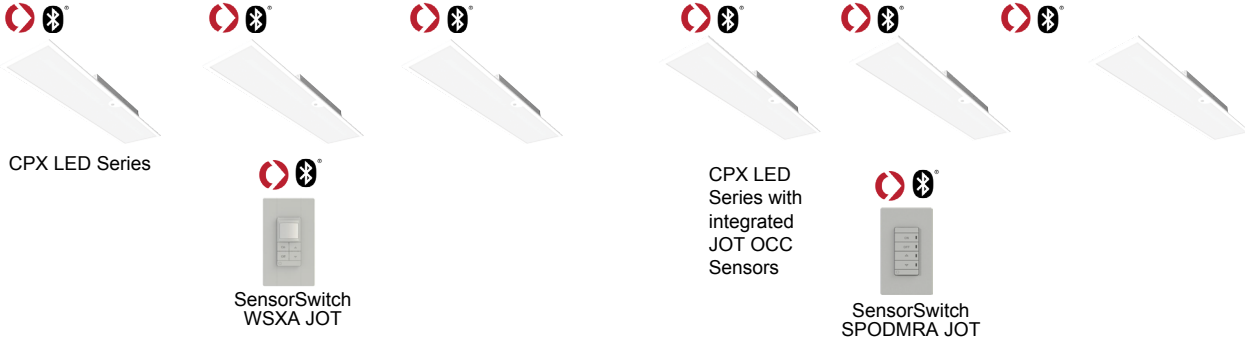
JOT WIRELESS



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.



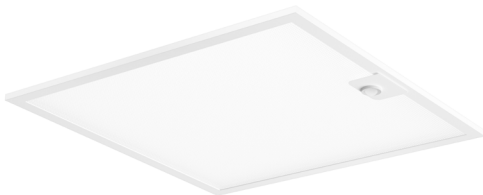
CPX 2X4 with JOT Vertex Sensor



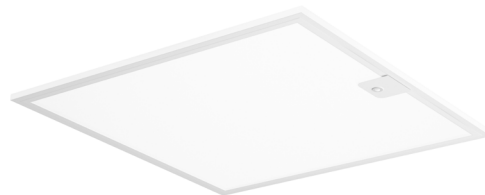
CPX 1X4 with JOT Vertex sensor



CPX 2X2 RES7

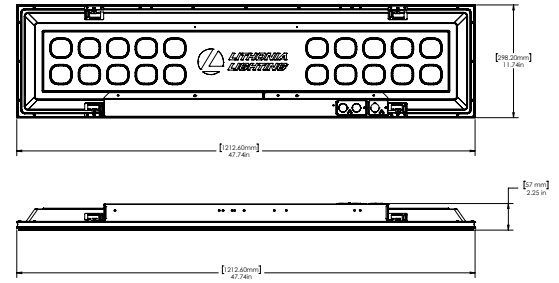
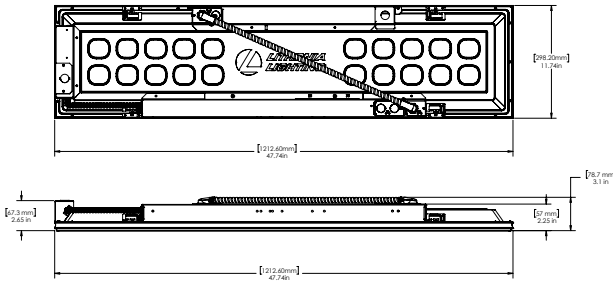


CPX 2X2 with JOT Vertex Sensor

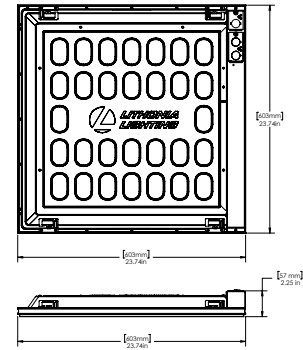
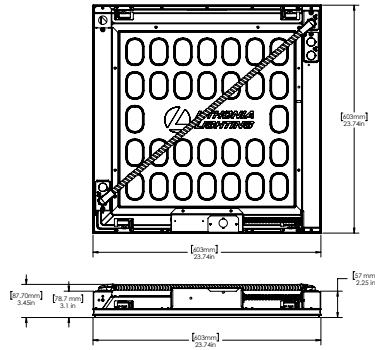


DIMENSIONS

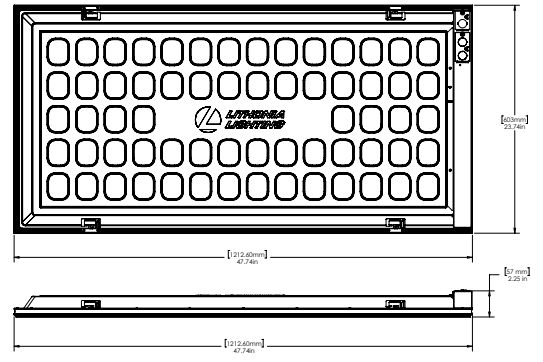
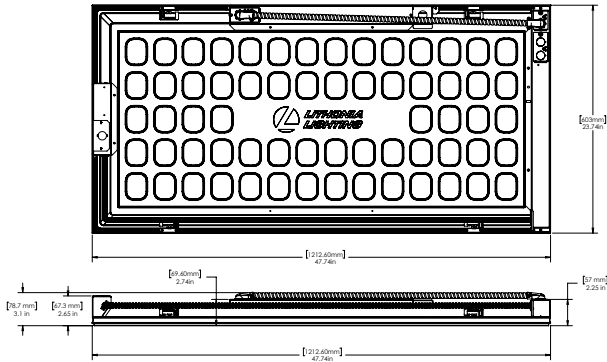
Length: 47.8" 121.4cm
 Width: 11.8" 30.0cm
 Depth: 2.3" 5.7cm
 Weight:
 Unit: 9.25 lbs
 Unit Carton: 10.25 lbs



Length: 23.8" 60.5cm
 Width: 23.8" 60.5cm
 Depth: 2.3" 5.7cm
 Weight:
 Unit: 9.45lbs
 Unit Carton: 10.45lbs



Length: 47.8" (121.4cm)
 Width: 23.8" 60.5cm
 Depth: 2.3" 5.7cm
 Weight:
 Unit: 17.25 lbs
 Unit Carton: 19.25 lbs



All dimensions are the same except the height with the STAR configuration. Includes conduit
 1X4- 3.21"-depth
 2X2- 3.24"-depth
 2X4-3.25"-depth