LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

DIGITAL NAVIGATION

Ordering Tree Accessories Performance Data Tech Guide Reloc nLight Platform Drawings/Dimensions

GPXS Switchable LED PANEL

6"x2', 6"x4', 6"x8',
1' x 4', 2' x 2'and 2' x 4'



FEATURES & SPECIFICATIONS

INTENDED USE — The GPXS Series LED is a low-glare panel engineered to deliver consistent, high-quality illumination and exceptional visual comfort. Its slim profile and reliable performance make it an ideal solution for a wide range of commercial applications, including schools, offices, retail, convenience stores, healthcare facilities and other commercial spaces. 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.** This product is designed for application in Iso5-9 cleanrooms, ensuring that it does not introduce any contaminants into the environment. Additionally, it effectively seals the room from the plenum, thereby preventing any airflow between the two areas.

CONSTRUCTION — A one-piece, precision-formed metal frame with a satin white lens provides clean, consistent light distribution and a refined appearance. The low-profile housing provides installation flexibility across a variety of ceiling applications, including restricted plenum spaces. Integral T-bar clips are incorporated into the back plate for secure, straightforward installation in 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 and contains non-isolated dimming leads. California Title 24 compliant.

Standalone Embedded Controls by SensorSwitch™ — GPXS is available with an embedded wireless SensorSwitch AIR OR wired SensorSwitch occupancy, and daylight, sensors.

Networked Embedded Controls by nLight® — GPXS is available with an embedded wireless nLight AIR OR wired nLight occupancy, and daylight, sensors OR control device with UL 924 emergency operation.

LISTINGS — CSA certified to meet US and Canadian standards. Meets IP65 Rating from the room side only. Wet location listed. IP5X Rated. Some versions are IP65 rated, see Diffuser options section for details. IC rated. IK10 Rated with Polycarbonate lens. Tested in accordance with ISO 14644-14; suitable for ISO Class 5 -9 positive and negative pressure clean rooms. Rated for NSF/ANSI Standard 2 Light Fixture for Splash Zone and Non-Food Zone. For use in non-fire-rated installations only. A Fire Rated Housing option is offered when ordering FRH.

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.

Please also see:
GPX

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

Embed nLight controls today. Prepare for tomorrow.

Now

- User-friendly install
- Enhanced energy savings
- Code compliance

Tomorrow

- Scalability
- Space configuration
- 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.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

GPXS Switchable LED Flat Panel

A+ Capable 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: GPXS 2X2 ALO7 80CRI SWW7 SWL MVOLT NLTAIR2 APIR

Series	Fixture Dimension	Lumen Output	CRI	Color Temperature	Diffuser	Voltage
GPXS LED Panel	**06X2** 6" X 2'	**ALO15** Switchable Lumens- 1500LM, 2000LM, and 2500LM	**80CRI** 80 CRI	**SWW7** Switchable white, 35K/ 40K/50K	**SWL** Satin White	**MVOLT** 120-277V
	06X4 6" X 4'	**ALO3** Switchable Lumens- 3000LM, 4000LM, and 5000LM			**A12** Prismatic A12 Pattern ‡	**120** 120V
	06X8 6" X 8' ‡	**ALO4** Switchable Lumens- 6000LM, 8000LM, 10000LM				**277** 277V
	1X4 1' X 4'	**ALO7** Switchable Lumens - 2500LM, 3200LM, and 4000LM				**347** 347 ‡
	2X2 2' X 2'	**ALO7** Switchable Lumens - 2500LM, 3200LM, and 4000LM				
	2X4 2' X 4'	**ALO8** Switchable lumens – 4000LM, 5000LM, and 6000LM				

Emergency Option	Control Input	Sensor	Options	Paint Finish
(blank) No Emergency Option	**(blank)** No controls		**GLR** Fast-blowing fuse ‡	**(blank)** White
E10W Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS, CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with remote Test Switch (LINK)	**SSE** Standalone embedded control by SensorSwitch	**APIR** Occ sensing with passive infrared - on/off functionality and auto dimming photocell **APDT** Dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell	**GMF** Slow-blowing fuse ‡	**DWAM** Anti-Microbial paint
E10WRSTAR Emergency Battery Pack with Remote Test Switch, Enabled with STAR ‡	**NLIGHT** Wired networked embedded control by nLight **NLIGHTER** Wired networked embedded control by nLight with UL924 listed emergency operation **NLIGHTLM** Wired networked embedded control by nLight with lumen maintenance **NLIGHTERLM** Wired networked embedded control by nLight with lumen maintenance & UL924 listed emergency operation	**(blank)** No sensor, Control Input function only **PIR** Passive Infrared Occ sensor with on/off photocell **PDT** Dual tech (passive infrared & microphonics) Occ sensor with on/off photocell **APIR** Occ sensing with passive infrared - on/off functionality and auto dimming photocell **APDT** Dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell	**PWS1836** 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit ‡	**MB** Black Painted Frame
E7W Emergency Battery Pack with Remote Test Switch, 7W, CA Title 20 Noncompliant ‡			**PWS1846** 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit ‡	
GTD Generator Transfer Device ‡	**NLTAIR2** Wireless networked embedded control by nLight ‡ **NLTAIREM2** Wireless networked embedded control by nLight with UL924 listed emergency operation ‡	**(blank)** No sensor, Control Input function only **APIR** Occ sensing with passive infrared - on/off functionality and auto dimming photocell **APDT** Dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell	**PWS1856LV** 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/ low voltage ‡	
			PWS1846 PWSLV Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge ‡	
			NPLT Narrow Pallet	
			FRH .7mm thick housing for use in a fire rated applications	
			RRL__ RELOC®-ready luminaire. See page 7 for ordering information	

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

OPTION VALUE RESTRICTIONS/ NOTES

‡ Option Value Ordering Notes/ Restrictions	
Option value	**Restriction**
06x8	Not available with A12. Not available with E7W
347	347 not available with E10W, E7W, E10WRSTAR, GTD, GLR or GMF.
A12	Not available with 06x2 or 06x4 or 06X8
E7W	Not available with 06x8
E10WRSTAR	Not compatible with 347V. E10WRSTAR Not available on GPX 06X2, 06X4, or 06X8 with PIR, PDT, APIR, APDT or VAPIR option.
GTD	Not available with 347.
GLR, GMF	Must specify voltage, only available with 120 or 277.
NLTAIR2	See UL924 Sequence of Operation Chart on Page 4. Can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options. NLTAIR2 Control Input with no Sensor not compatible with SMKSH.
NLTAIREM2	See UL924 Sequence of Operation Chart on Page 4.
PWS1836	Not available with E10W, E7W, E10WRSTAR or GTD.
PWS1846	Only available with E10W, E7W, GTD and E10WSTAR.
PWS1856LV	Not available with E10W, E7W, E10WRSTAR, GTD, or Controls.
PWS1846 PWSLV	Not available with Controls.

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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.
DGA062	Drywall grid adaptor for 6"x2FT recessed fixture.
DGA064	Drywall grid adaptor for 6"x4FT recessed fixture.
DGA068	Drywall grid adapter for 6"x8FT recessed fixture
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
06x2SMKSHP PAF	6"X2' Surface Mount Troffer Kit ‡
06x4SMKSHP PAF	6"X4' Surface Mount Troffer Kit ‡
06x8SMKSHP PAF	6"X8' Surface Mount Troffer Kit ‡
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. ‡
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. ‡
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. ‡
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. ‡
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 = P x LPW

P = Output power of emergency driver (10W for E10W or 7W for E7W)

LPW = Lumen per watt rating of the luminaire can be found in Performance section on this spec sheet

Notes

‡ For PAC kits, use MVOLT only. Not available with 347
‡ For 06x2, 06x4, 06x8 SMKSHP PAF Kits, cannot be installed with fixture with integrated NLTAIR2 Options.

UL924 Sequence of Operation

The below information applies to all nLight AIR devices with an EM option.

- 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 CL**AIR**ITY+ 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
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
ILB CP10 HE AELR A	10W	90	1200	Title 20; Enabled with Self Testing, Automated Reporting (STAR)

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.

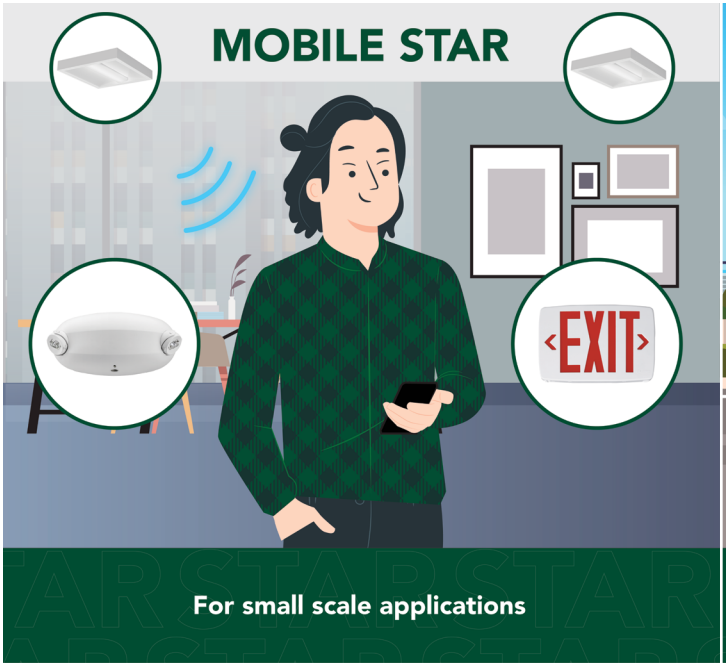
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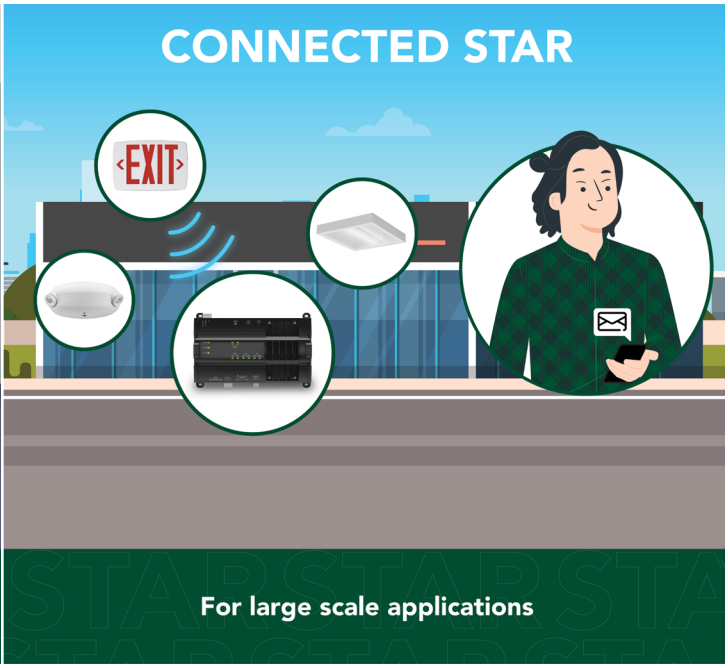
Enabled with STAR

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 ClAIRity™+ 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





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SWITCHABLE PERFORMANCE DATA FOR SWL LENS

Length	CRI	Lumens	CCT	Actual		
				Lumens	Efficacy	Wattage
06x2	80CRI	1500LM	35K	1697	119.2	14.2
		2000LM		2153	117.5	18.3
		2500LM		2490	112.3	22.2
	80CRI	1500LM	40K	1757	126.4	13.9
		2000LM		2235	126.4	17.7
		2500LM		2602	121.1	21.5
	80CRI	1500LM	50K	1697	118.2	14.4
		2000LM		2153	117.3	18.4
		2500LM		2489	115.3	21.6
06x4	80CRI	3000LM	35K	3592	126.4	28.4
		4000LM		4578	124.6	36.7
		5000LM		5358	126.5	42.4
	80CRI	3000LM	40K	3728	133.3	28.0
		4000LM		4927	137.9	35.7
		5000LM		5700	139.8	40.8
	80CRI	3000LM	50K	3646	126.6	28.8
		4000LM		4656	126.0	37.0
		5000LM		5455	128.6	42.4
06x8	80CRI	6000LM	35K	6793	113.3	59.9
		8000LM		8626	111.3	77.5
		10000LM		9863	117.2	84.2
	80CRI	6000LM	40K	6891	115.9	59.5
		8000LM		8777	118.6	74.0
		10000LM		10476	125.7	83.4
	80CRI	6000LM	50K	6793	111.4	61.0
		8000LM		8626	111.2	77.6
		10000LM		10071	120.8	83.4

SWITCHABLE PERFORMANCE DATA FOR A12 LENS

Size(ft)	Nomenclature	Lumen Package	CCT	Lumen	Wattage	Efficacy
1x4	GPXS 1X4 ALO7 80CRI SWW7 A12	Low Lumen	3500K	2181	18.9	115.7
			4000K	2247	18.1	124.1
			5000K	2228	18.8	118.7
		Med Lumen	3500K	2804	24.2	115.7
			4000K	2924	24.0	121.7
			5000K	2875	24.2	119.0
		High Lumen	3500K	3481	30.1	115.5
			4000K	3658	28.8	126.9
			5000K	3547	30.4	116.9
2x2	GPXS 2X2 ALO7 80CRI SWW7 A12	Low Lumen	3500K	2128	19.8	107.6
			4000K	2256	19.1	118.0
			5000K	2195	19.9	110.5
		Med Lumen	3500K	2628	24.8	105.8
			4000K	2803	23.6	119.0
			5000K	2726	25.0	109.1
		High Lumen	3500K	3218	32.7	98.4
			4000K	3601	30.5	118.0
			5000K	3373	32.9	102.5
2x4	GPXS 2X4 ALO8 80CRI SWW7 A12	Low Lumen	3500K	3617	29.6	122.0
			4000K	3671	27.7	132.5
			5000K	3646	29.8	122.4
		Med Lumen	3500K	4426	36.8	120.4
			4000K	4326	35.6	121.5
			5000K	4642	37.4	124.1
		High Lumen	3500K	5284	45.0	117.5
			4000K	5483	41.0	133.6
			5000K	5424	45.4	119.4

Size(ft)	Nomenclature	Lumen Package	CCT	Lumen	Wattage	Efficacy
1x4	GPXS 1X4 ALO7 80CRI SWW7 SWL	Low Lumen	3500K	2398	18.9	127.2
			4000K	2472	18.1	136.4
			5000K	2450	18.8	130.5
		Med Lumen	3500K	3083	24.2	127.3
			4000K	3216	24.0	133.8
			5000K	3162	24.2	130.9
		High Lumen	3500K	3828	30.1	127.0
			4000K	4023	28.8	139.5
			5000K	3901	30.4	128.5
2x2	GPXS 2X2 ALO7 80CRI SWW7 SWL	Low Lumen	3500K	2392	19.8	121.0
			4000K	2536	19.1	132.7
			5000K	2468	19.9	124.2
		Med Lumen	3500K	2954	24.8	118.9
			4000K	3151	23.6	133.8
			5000K	3064	25.0	122.6
		High Lumen	3500K	3617	32.7	110.6
			4000K	4048	30.5	132.6
			5000K	3792	32.9	115.2
2x4	GPXS 2X4 ALO8 80CRI SWW7 SWL	Low Lumen	3500K	3980	29.6	134.3
			4000K	4039	27.7	145.8
			5000K	4012	29.8	134.7
		Med Lumen	3500K	4871	36.8	132.5
			4000K	4761	35.6	133.7
			5000K	5108	37.4	136.5
		High Lumen	3500K	5815	45.0	129.2
			4000K	6034	41.0	147.0
			5000K	5968	44.5	134.0

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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.

GPXS compatible with Sensor Switch™ WSXA, SPODMA and SPODMRA SSA wall switches.



WSXA



SPODMRA



SPODMRA SSA

PHOTOMETRICS

Please click link to access Photometry & Revit (BIM)

Intelligent Luminaire Technology Guide

Choose nomenclature from these columns

Control/Sensor Configurations

Control Input		Sensor	=	Sensor	Notes
SSE	+	APIR	=	MSD 7 ADCX	Standalone embedded control by SensorSwitch with Passive Infrared Occ sensor with auto-dimming photocell
SSE	+	APDT	=	MSD PDT 7 ADCX	Standalone embedded control by SensorSwitch with dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell
SSE	+	VAPIR	=	VERTEX EZ ADC VLP	Standalone embedded control by SensorSwitch with vertex passive Infrared Occ sensor with auto-dimming photocell
SSAIR	+	(blank)	=	BTRM SSA BTA	Wireless standalone embedded control by SensorSwitch with no sensor
SSAIR	+	VAPIR	=	BTRM SSA BTA + VERTEX EZ ADC VLP	Wireless standalone embedded control by SensorSwitch with vertex passive Infrared Occ sensor with auto-dimming photocell
NLIGHT	+	(blank)	=	nIO EZ PH	Wired networked embedded control by nLight with no sensor
NLIGHT	+	PIR	=	nIO EZ PH + nES 7	Wired networked embedded control by nLight with Passive Infrared Occ sensor
NLIGHT	+	PDT	=	nIO EZ PH + nES PDT 7	Wired networked embedded control by nLight with dual tech (passive infrared & microphonics) Occ sensor
NLIGHT	+	APIR	=	nIO EZ PH + nES 7 ADCX	Wired networked embedded control by nLight with Passive Infrared Occ sensor with auto-dimming photocell
NLIGHT	+	APDT	=	nIO EZ PH + nES PDT 7 ADCX	Wired networked embedded control by nLight with dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell
NLIGHTER	+	(blank)	=	nIO EZ PH ER	Wired networked embedded control by nLight with UL924 listed emergency operation with no sensor
NLIGHTER	+	PIR	=	nIO EZ PH ER + nES 7	Wired networked embedded control by nLight with UL924 listed emergency operation with Passive Infrared Occ sensor
NLIGHTER	+	PDT	=	nIO EZ PH ER + nES PDT 7	Wired networked embedded control by nLight with UL924 listed emergency operation with dual tech (passive infrared & microphonics) Occ sensor
NLIGHTER	+	APIR	=	nIO EZ PH ER + nES 7 ADCX	Wired networked embedded control by nLight with UL924 listed emergency operation with Passive Infrared Occ sensor with auto-dimming photocell
NLIGHTER	+	APDT	=	nIO EZ PH ER + nES PDT 7 ADCX	Wired networked embedded control by nLight with UL924 listed emergency operation with dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell
NLIGHTLM	+	(blank)	=	nIO EZ PH N80	Wired networked embedded control by nLight with lumen maintenance with no sensor
NLIGHTLM	+	PIR	=	nIO EZ PH N80 + nES 7	Wired networked embedded control by nLight with lumen maintenance with Passive Infrared Occ sensor
NLIGHTLM	+	PDT	=	nIO EZ PH N80 + nES PDT 7	Wired networked embedded control by nLight with lumen maintenance with dual tech (passive infrared & microphonics) Occ sensor
NLIGHTLM	+	APIR	=	nIO EZ PH N80 + nES 7 ADCX	Wired networked embedded control by nLight with lumen maintenance with dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell
NLIGHTLM	+	APDT	=	nIO EZ PH N80 + nES PDT 7 ADCX	Wired networked embedded control by nLight with lumen maintenance with dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell
NLIGHTERLM	+	(blank)	=	nIO EZ PH ER N80	Wired networked embedded control by nLight with lumen maintenance & UL924 listed emergency operation with no sensor
NLIGHTERLM	+	PIR	=	nIO EZ PH ER N80 + nES 7	Wired networked embedded control by nLight with lumen maintenance & UL924 listed emergency operation with Passive Infrared Occ sensor
NLIGHTERLM	+	PDT	=	nIO EZ PH ER N80 + nES PDT 7	Wired networked embedded control by nLight with lumen maintenance & UL924 listed emergency operation with dual tech (passive infrared & microphonics) Occ sensor
NLIGHTERLM	+	APIR	=	nIO EZ PH ER N80 + nES 7 ADCX	Wired networked embedded control by nLight with lumen maintenance & UL924 listed emergency operation with Passive Infrared Occ sensor with auto-dimming photocell
NLIGHTERLM	+	APDT	=	nIO EZ PH ER N80 + nES PDT 7 ADCX	Wired networked embedded control by nLight with lumen maintenance & UL924 listed emergency operation with dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell
NLTAIR2	+	(blank)	=	RIO EZ PH 180D G2	Wireless networked embedded control by nLight with no sensor
NLTAIREM2	+	(blank)	=	RIO EZ PH ER 180D G2	Wireless networked embedded control by nLight with UL924 listed emergency operation with no sensor
NLTAIR2	+	APIR	=	RES7 G2	Wireless networked embedded control by nLight with UL924 listed emergency operation with no sensor
NLTAIR2	+	APDT	=	RES7 PDT 90D G2	Wireless networked embedded control by nLight with dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell
NLTAIREM2	+	APIR	=	RES7 EM 90D G2	Wireless networked embedded control by nLight with UL924 listed emergency operation with passive Infrared Occ sensor with auto-dimming photocell
NLTAIREM2	+	APDT	=	RES7 PDT EM 90D G2	Wireless networked embedded control by nLight with UL924 listed emergency operation with dual tech (passive infrared & microphonics) Occ sensor with auto-dimming photocell

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RRL - RELOC®-Ready Luminaire

- RRL connectors can be used with Quick-Flex®, System 820 and OnePass® systems.
- Load side of connector factory installed to luminaire.
- 4-pole mating connector with push-in terminations allows for simple installation.
- Touch-safe design on both halves meets UL/CSA requirement.
- Wiping contact design allows safe disconnect under load.



ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Example: RRLA

Series		Wiring instructions	
RRL	RELOC®-ready luminaire	A	Hot conductor wired to position #1 (phase A)
		B	Hot conductor wired to position #2 (phase B)
		C	Hot conductor wired to position #3 (phase C) [1]
		C12S	Ballast/driver wired to pin position #1 (120V, 277V, 347V - Phase A). Low voltage wire (positive/purple) (data1) wired to pin position #2. Low voltage wire (common/gray) (data2) wired to pin position #3 [2]

Compatible RELOC® Cables for Industrial Luminaires (ordered and shipped separately)



OCS



OCU



OD



DC



PT

Notes

1 C, ABE, and C12S options are not used with Quick-Flex QFC, QSFC, QPT, and QD.

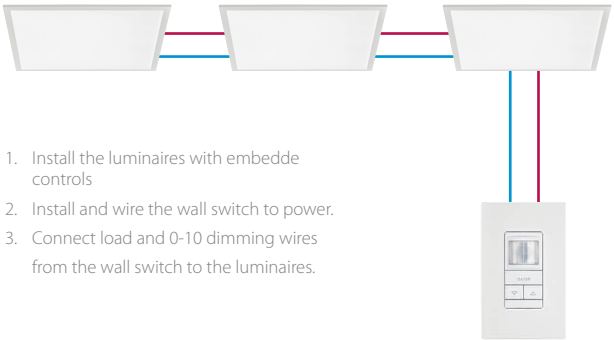
2 RRLC12S option is to be used with the OnePass OCU, OCS, OD, OFC and OD for 0-24V integrated single-circuit or 0-10V low voltage controls applications. Not available with integral dimming sensors.

sensorswitch®

Performance You Can Count On

The standalone lighting controls designed for indoor room-based, industrial, or outdoor spaces. Easily find wired or wireless products designed with proven sensor technology, providing out-of-the-box operation to address rebate programs and simple code requirements for new construction and retrofit projects.

Wired Embedded Controls



1. Install the luminaires with embedde controls
2. Install and wire the wall switch to power.
3. Connect load and 0-10 dimming wires from the wall switch to the luminaires.

SensorSwitch WSXA D

Wireless Embedded Controls



GPX Series

1. Install the luminaires with embedde controls
2. Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

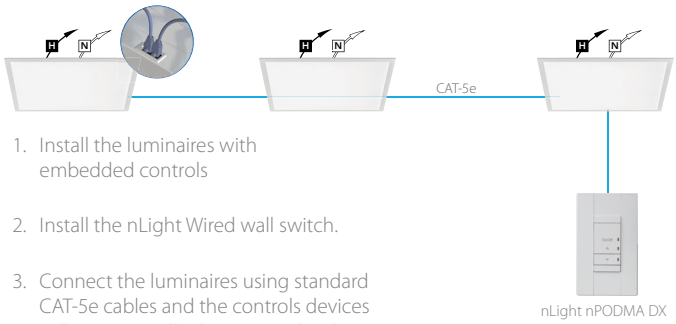


SensorSwitch WSXA SSA

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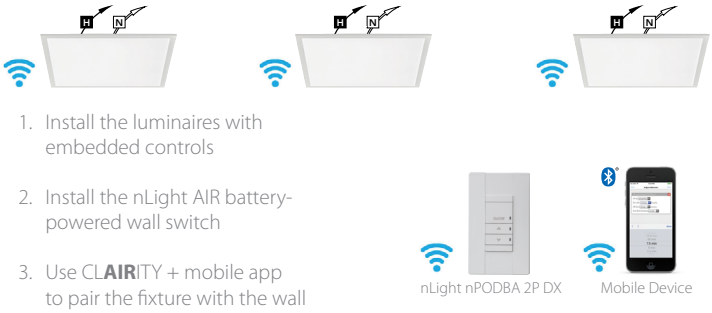
nLight Platform

Wired Embedded Controls



1. Install the luminaires with embedded controls
2. Install the nLight Wired wall switch.
3. Connect the luminaires using standard CAT-5e cables and the controls devices will automatically discover each other and work (plug and play).

Wireless Embedded Controls



1. Install the luminaires with embedded controls
2. Install the nLight AIR battery-powered wall switch
3. Use CL**AIR**ITY + mobile app to pair the fixture with the wall switch and is desired, customize the sensor settings

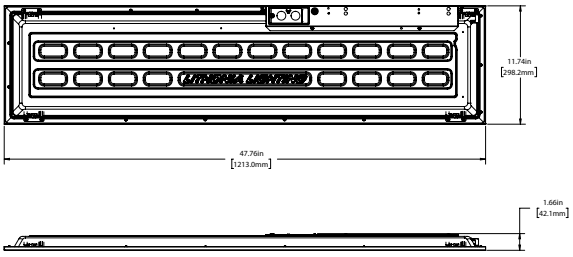
nLight embedded fixtures offer:	Customers get:
Manual Dimming	Convenience and visual comfort for occupants
Motion Sensing and/or Daylight Harvesting	Energy savings and code compliance
Fixture or Group Level Control	Ability to configure lighting to the space requirements
Flexibility	Ease of fixture moves, 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

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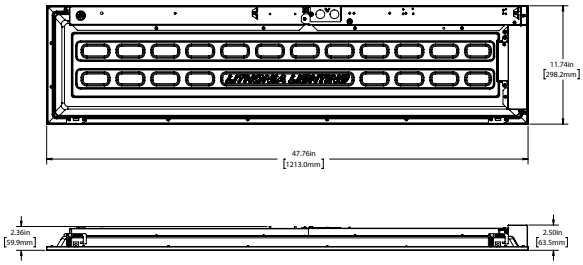
DIMENSIONS

GPXS 1X4 (No options)

Length: 47.8" 121.4cm
Width: 11.8" 30.0cm
Depth: 1.7" 4.3cm
Weight:
Unit: 8.4 lbs
Unit Carton: 9.4 lbs

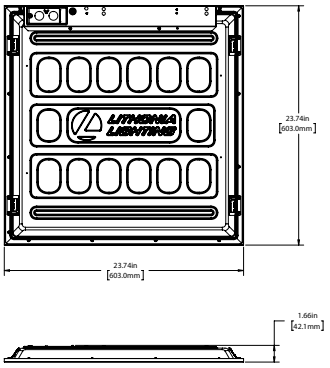


GPXS 1X4 (With options)

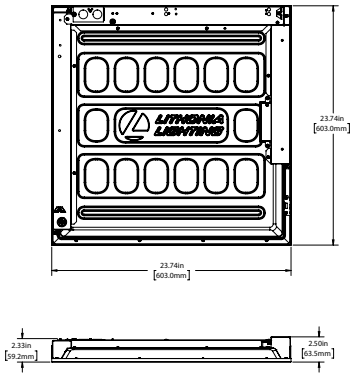


GPXS 2X2 (No options)

Length: 23.8" 60.5cm
Width: 23.8" 60.5cm
Depth: 1.7" 4.3cm
Weight:
Unit: 7.6 lbs
Unit Carton: 8.6 lbs

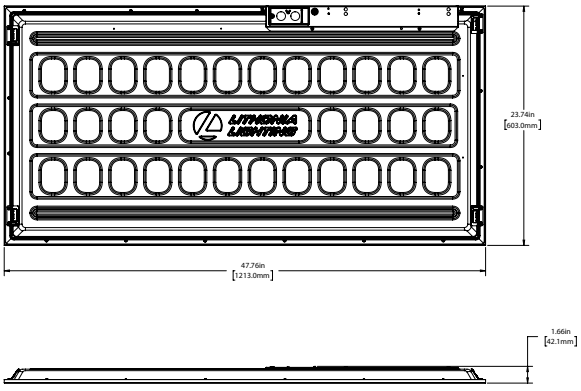


GPXS 2X2 (With options)

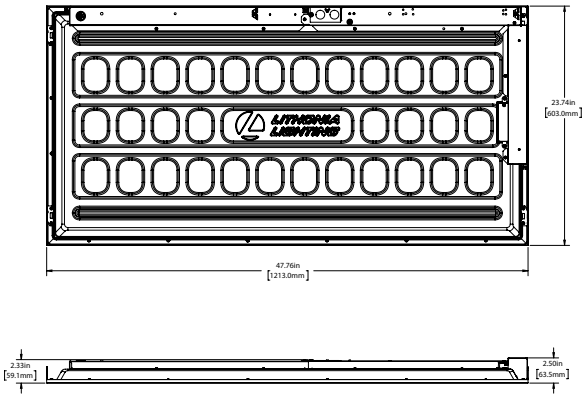


GPXS 2X4 (No options)

Length: 47.8" (121.4cm)
Width: 23.8" 60.5cm
Depth: 1.7" 4.3cm
Weight:
Unit: 14.0 lbs
Unit Carton: 16.0 lbs



GPXS 2X4 (With options)

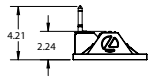


All dimensions are the same except the depth with the E10WRSTAR or 347V configuration.
1X4 - 3.28in (83.3mm) - depth
2X2 - 3.28in (83.3mm) - depth
2X4 - 3.28in (83.3mm) - depth

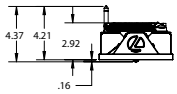
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DIMENSIONS

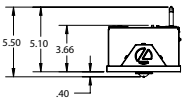
GPX



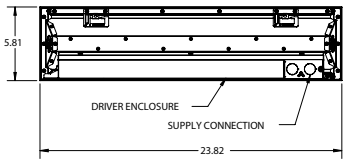
GPX WITH E10WLCP OPTION



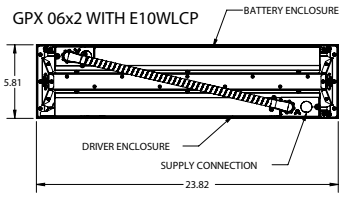
GPX WITH MULTIPLE OPTIONS



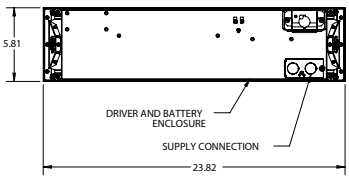
GPX 06x2



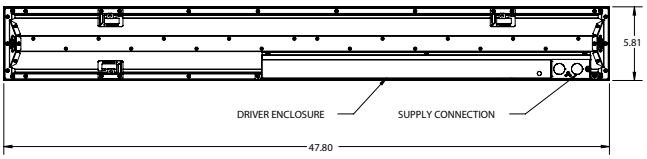
GPX 06x2 WITH E10WLCP



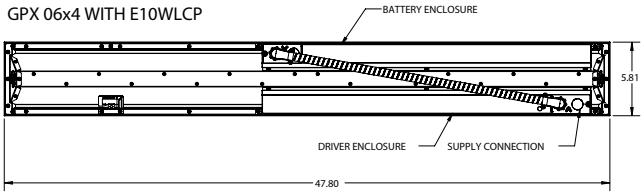
GPX 06x2 347, GTD OR MULTIPLE OPTIONS



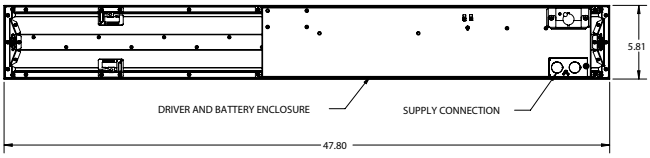
GPX 06x4



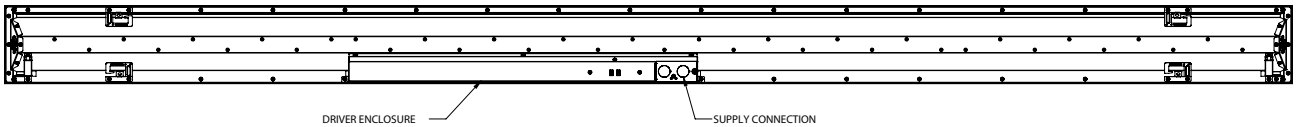
GPX 06x4 WITH E10WLCP



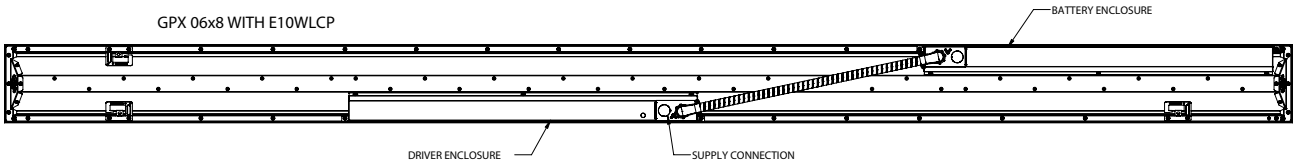
GPX 06x4 347, GTD OR MULTIPLE OPTIONS



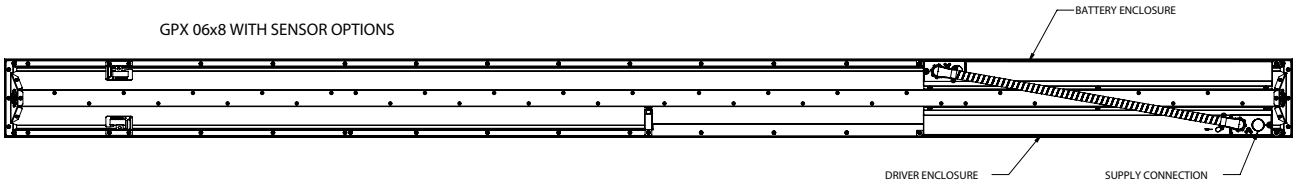
GPX 06x8



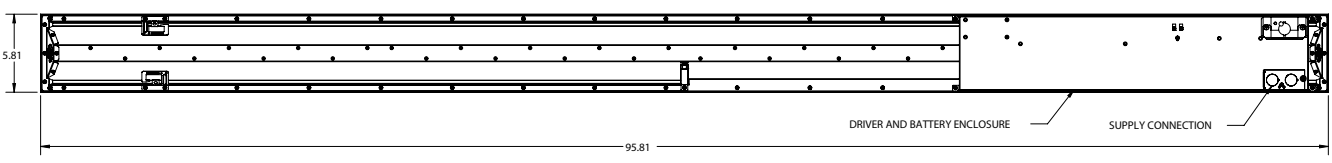
GPX 06x8 WITH E10WLCP



GPX 06x8 WITH SENSOR OPTIONS



GPX 06x8 347, GTD OR MULTIPLE OPTIONS



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