

LPS-BL™ Series

Slim LED Panel Back-Lit - Field Adjustable

DESCRIPTION

The Aleo LPS-BL™ Series LED Field Adjustable Panel delivers industry-leading performance with deep energy savings and continuous dimming. The slim profile, modern design produces pleasant, uniform and low-glare illumination, enhancing spaces in various applications.

APPLICATIONS

Retail, schools, offices, healthcare, and other various commercial applications.

LPS-BL™ UX SERIES

2x4 30W/40W/50W/60W/72W
2x2 20W/25W/30W/35W/40W
1x4 20W/25W/30W/35W/40W

QUICK SHIP

LPS-BL-14UX-40/8CT G6 SR/RC (TAA)
 LPS-BL-22UX-40/8CT G6 SR/RC (TAA)
 LPS-BL-24UX-72/8CT G6 SR/RC (TAA)
 LPS-BL-22UX-40/8CT G6 SR/RC (TAA)-EM1000
 LPS-BL-24UX-72/8CT G6 SR/RC (TAA)-EM1000

SPECIFICATION FEATURES

CONSTRUCTION

Solid rigid frame, post-painted matte white finish for strength and durability. Low profile design optimizes shipping, storage, and handling. Integral T-Bar clips built into luminaire. Integrated parts and diffuser for easy installation and handling.

OPTICAL SYSTEM

Back-lit optics produces soft balanced, comfortable luminance for productive spaces. Diffuser lens reduces glare and improves occupant comfort while maintaining high efficiency emission.

CERTIFICATION

ETL Listed. Conforms to UL STD. 1598. DLC Premium.

WARRANTY

7-year Limited Warranty. See warranty documentation for more information.

TAA COMPLIANT

TAA compliant for U.S. government procurement.

ELECTRICAL

Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features continuous dimming. Universal voltage (120-277V) for convenient installation.

INSTALLATION / MOUNTING

Installs in most standard T-Bar ceiling grid systems. Compatible with standard 15/16" and 9/16" T-bar grid ceilings.

CONTROLS / DIMMING

Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, daylight harvesting and other control strategies to achieve deeper energy-savings and code compliance. Comes standard with receptacle for plug and play occupancy sensor.

FIELD ADJUSTABLE CCT

Increased versatility and reduced inventory burden. Wattage and Color Temp. can be adjusted in the field by selecting (5) different wattages and (5) different CCTs via switch on driver box.

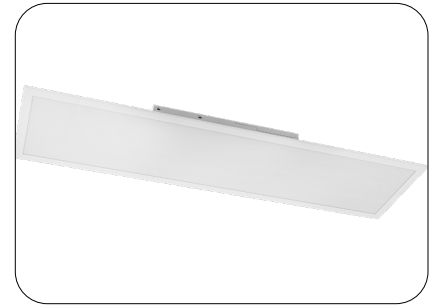
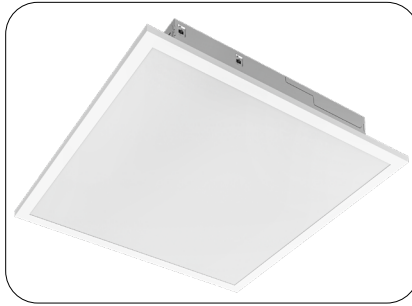
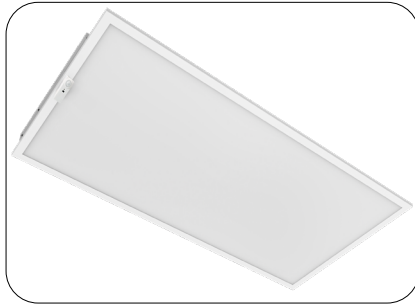
ORDERING INFORMATION

EXAMPLE: LPS-BL-24UX-72/8CT G6 SR/RC (TAA)-EM1000

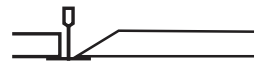
LPS-BL	24	UX	72		8	CT	[Blank]	[Blank]	(TAA)
Series	Form Factor	Lumen Package	Nominal Max Wattage		CRI	Color Temp	Input Voltage	Dimming	TAA
LPS-BL Slim LED Panel - Back Lit	24 - 2'x4' 22 - 2'x2' 14 - 1'x4'	UX Field Adjustable	1'x4' 40 2'x2' 40 2'x4' 72	20W / 25W / 30W / 35W / 40W 20W / 25W / 30W / 35W / 40W 30W / 40W / 50W / 60W / 72W	8 80+	CCT Field Adjust. 3000K 3500K 4000K 5000K 6000K	Blank 120V-277V	Blank 0-10V Continuous Dimming	(TAA) Trade Agreement Act Compliant
			*Utilize 3-way switch to select						

(SR/RC)	Options	
Sensor	Emergency Backup ¹	Controls
(SR/RC) Sensor Ready with Sensor Receptacle	EM1000 1000lm (See Pg. 7 for more information)	See Pg. 6 for details on sensors and controls (Sensor Sold Separately)

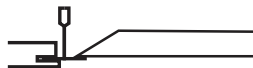
Specifications and Dimensions subject to change without notice.



MOUNTING INFORMATION



Lay-in (Standard)



Concealed

* Fits 9/16, 15/16 and SS T-bar grid.
Flange kit available upon request.

PERFORMANCE SUMMARY

Input Voltage	120V-277V	Available CCT	3000K/3500K/4000K/5000K/6000K
Input Frequency	50/60 Hz	Rated Life	75,000 hours
Rated Wattage	See Performance Table	Power Factor	> 0.9
Delivered Lumens	See Performance Table	THD	< 20%
Efficacy	> 128 LPW (typ.)	Dimming	0-10V Continuous (10-100%)
CRI	83+, R9 > 0	Operating Temp.	-20°C to 50°C

DLC QPL DATA



QPL Model No.	Product ID	Technical Req.	Classification	Primary Use
LPS-BL-22UX-40/8CT G6 SR/RC (TAA) [-YYXX/ZZ]	S-8K7M5Q	5.1	Premium	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
LPS-BL-14UX-40/8CT G6 SR/RC (TAA) [-YYXX/ZZ]	S-J4JQ4Z	5.1	Premium	1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
LPS-BL-24UX-72/8CT G6 SR/RC (TAA) [-YYXX/ZZ]	S-QMPG76	5.1	Premium	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

¹ IMPORTANT: THE BATTERY MUST BE RECHARGED EVERY THREE (3) MONTHS. IF NOT RECHARGED ACCORDINGLY, BATTERY MAY FAIL AND VOID WARRANTY
Specifications and Dimensions subject to change without notice.



PERFORMANCE DATA

	Catalog No.	Nominal Wattage	Color Temperature	Lumens (lm)	Wattage (W)	Efficacy (lm/W)
1'x4'	LPS-BL-14UX-40/8CT G6 SR/RC (TAA)	20	3000K	2,754	20.6	133.7
			3500K	2,816	20.2	139.4
			4000K	2,820	19.8	142.4
			5000K	2,785	20.4	136.5
			6000K	2,775	20.8	133.4
		25	3000K	3,413	25.8	132.3
			3500K	3,478	25.2	138.0
			4000K	3,497	24.8	141.0
			5000K	3,445	25.5	135.1
			6000K	3,432	26.0	132.0
		30	3000K	4,048	30.9	131.0
			3500K	4,125	30.2	136.6
			4000K	4,146	29.7	139.6
			5000K	4,094	30.6	133.8
			6000K	4,078	31.2	130.7
		35	3000K	4,669	36.0	129.7
			3500K	4,776	35.3	135.3
			4000K	4,796	34.7	138.2
			5000K	4,717	35.6	132.5
			6000K	4,710	36.4	129.4
40	3000K	5,290	41.2	128.4		
	3500K	5,396	40.3	133.9		
	4000K	5,417	39.6	136.8		
	5000K	5,336	40.7	131.1		
	6000K	5,329	41.6	128.1		

Specifications and Dimensions subject to change without notice.



PERFORMANCE DATA (CONT'D)

	Catalog No.	Nominal Wattage	Color Temperature	Lumens (lm)	Wattage (W)	Efficacy (lm/W)
2'x2'	LPS-BL-22UX-40/8CT G6 SR/RC (TAA)	20	3000K	2,654	20.0	132.7
			3500K	2,762	19.8	139.5
			4000K	2,832	19.6	144.5
			5000K	2,834	19.9	142.4
			6000K	2,818	20.1	140.2
		25	3000K	3,285	25.0	131.4
			3500K	3,425	24.8	138.1
			4000K	3,492	24.4	143.1
			5000K	3,511	24.9	141.0
			6000K	3,498	25.2	138.8
		30	3000K	3,903	30.0	130.1
			3500K	4,060	29.7	136.7
			4000K	4,149	29.3	141.6
			5000K	4,160	29.8	139.6
			6000K	4,153	30.2	137.5
		35	3000K	4,508	35.0	128.8
			3500K	4,685	34.6	135.4
			4000K	4,795	34.2	140.2
			5000K	4,809	34.8	138.2
			6000K	4,791	35.2	136.1
40	3000K	5,100	40.0	127.5		
	3500K	5,306	39.6	134.0		
	4000K	5,427	39.1	138.8		
	5000K	5,445	39.8	136.8		
	6000K	5,415	40.2	134.7		

Specifications and Dimensions subject to change without notice.



PERFORMANCE DATA (CONT'D)

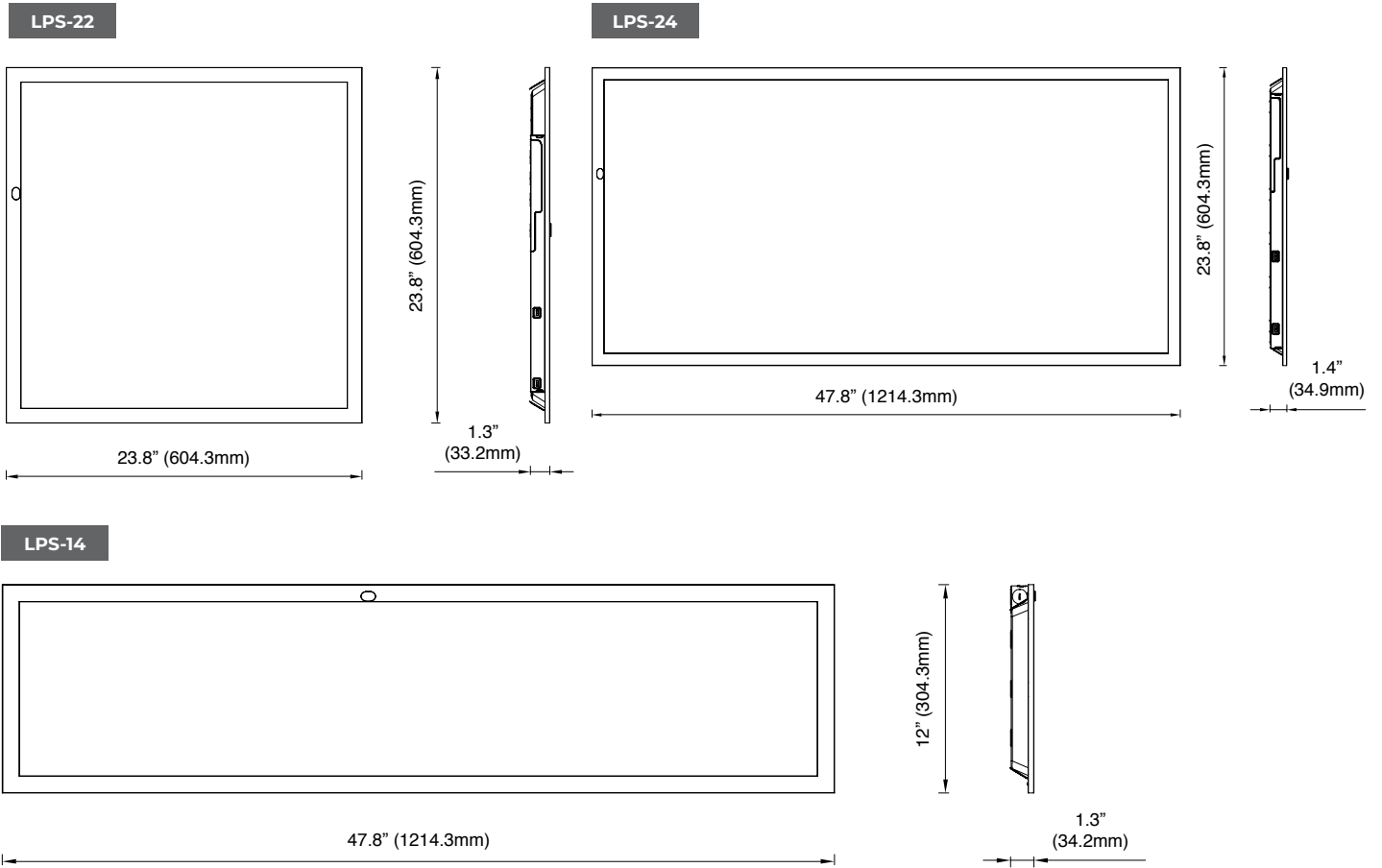
	Catalog No.	Nominal Wattage	Color Temperature	Lumens (lm)	Wattage (W)	Efficacy (lm/W)
2'x4'	LPS-BL-24UX-72/8CT G6 SR/RC (TAA)	30	3000K	4,053	29.2	138.8
			3500K	4,245	28.3	150.0
			4000K	4,317	27.8	155.3
			5000K	4,359	28.4	153.5
			6000K	4,320	28.8	150.0
		40	3000K	5,359	39.0	137.4
			3500K	5,598	37.7	148.5
			4000K	5,706	37.1	153.8
			5000K	5,746	37.8	152.0
			6000K	5,702	38.4	148.5
		50	3000K	6,623	48.7	136.0
			3500K	6,938	47.2	147.0
			4000K	7,047	46.3	152.2
			5000K	7,104	47.2	150.5
			6000K	7,056	48.0	147.0
		60	3000K	7,866	58.4	134.7
			3500K	8,241	56.6	145.6
			4000K	8,379	55.6	150.7
			5000K	8,448	56.7	149.0
			6000K	8,387	57.6	145.6
		72	3000K	9,344	70.1	133.3
			3500K	9,784	67.9	144.1
			4000K	9,952	66.7	149.2
			5000K	10,030	68.0	147.5
6000K	9,957		69.1	144.1		

Specifications and Dimensions subject to change without notice.



PRODUCT DIMENSIONS

MOQ Carton Qty: 6



PRODUCT OPTIONS

SENSOR OPTIONS

Catalog No.	Description	Ordering	Shipping	Remote Control	Sensor Mounting
SPIR-OSDL/BT-PP4-DC-313	AleoBlue, Wireless Bluetooth® PIR Occ Sensor w/ Daylight Harvesting, 12V DC input, Plug and Play 2.5mm port	Order and Ship Separately	Field Install	AleoBlue App	Snap-in with Twist Lock
SPIR-OSDL/BTEZ-PP4-DC-122	SimplBlue Bluetooth® PIR Occ Sensor w/ Daylight Harvesting, 12V DC input, Plug and Play 2.5mm port	Order and Ship Separately	Field Install	SimplBlue App	Snap-in with Twist Lock



SPIR-OSDL/BT-PP4-DC-313

Specifications and Dimensions subject to change without notice.



EMERGENCY BACKUP OPTIONS

Catalog No.	Description	Ordering	Shipping
EM1000	1000lm, 90min., 24hr. recharge	Factory Installed - Order as suffix to fixture order code	Shipped as Fixture Integrated

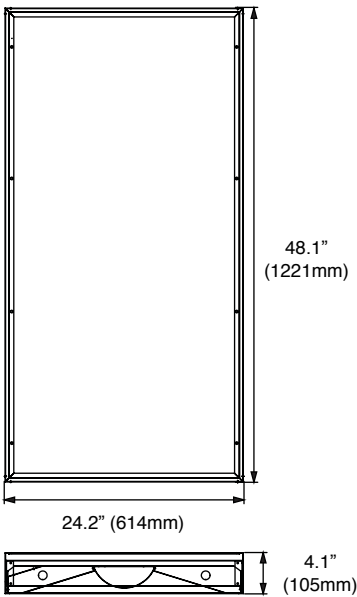


EM1000

SURFACE MOUNT KITS

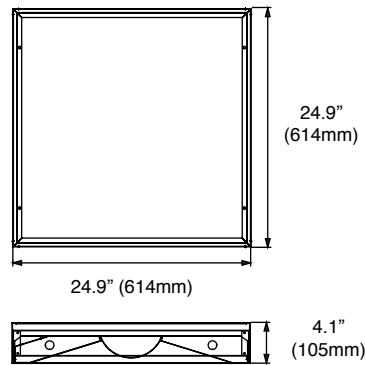
SMK-24 G2 ECO

Surface Mount Kit for 2'x4' troffer or panel



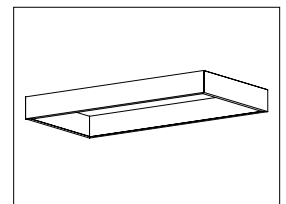
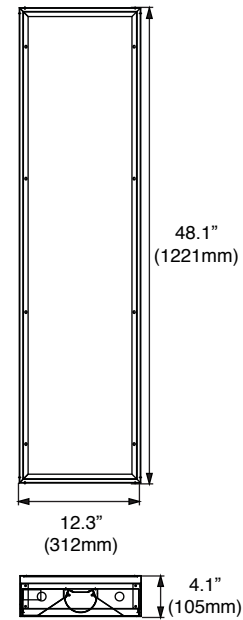
SMK-22 G2 ECO

Surface Mount Kit for 2'x2' troffer or panel



SMK-14 G2 ECO

Surface Mount Kit for 1'x4' troffer or panel



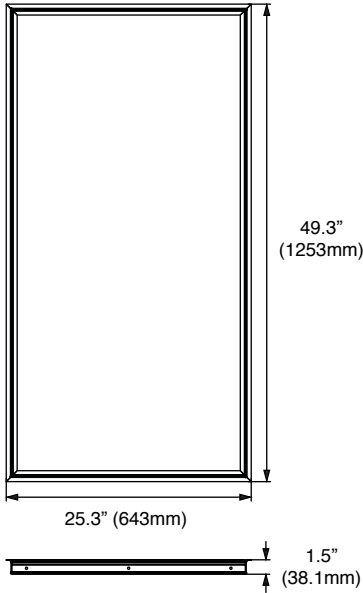
Specifications and Dimensions subject to change without notice.



FLANGE KITS

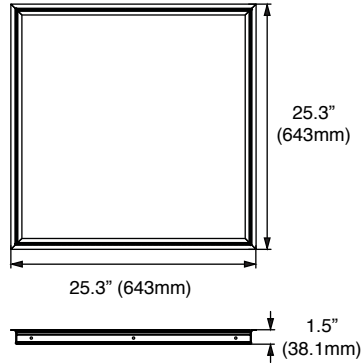
FK-LT-24

Flange Kit for 2'x4' troffer or panel



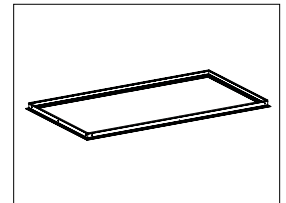
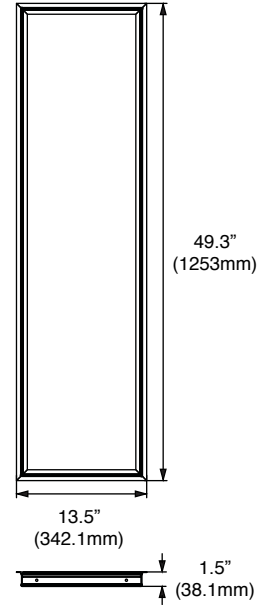
FK-LT-22

Flange Kit for 2'x2' troffer or panel



FK-LT-14

Flange Kit for 1'x4' troffer or panel



aleoblue™

LOOKING FOR ADDITIONAL **ALEOBLUE CONTROL DEVICES?**

Enhance your lighting system with optional AleoBlue control devices designed to expand functionality and simplify installation. [Click here](#) or scan the QR code to view all currently available options.



aleo | LIGHTING + CONTROLS

www.aleolighting.com
10988 Bloomfield Ave., Santa Fe Springs, CA 90670
(877) 358-8825



ALEOBLUE WIRELESS BLUETOOTH® CONTROLS

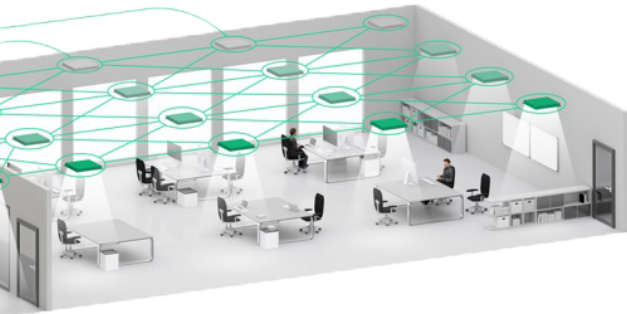


The AleoBlue is a complete solution for managing connected lighting systems using a Bluetooth® NLC lighting network. This enables seamless implementation of simple to complex lighting control scenarios without specialized training or lighting control engineering expertise.

DLC NLC Qualified.

FEATURES AND BENEFITS

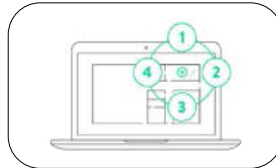
- Lighting Zones / Grouping
- Manual control of individual lights
- On Power up Behavior
- Zone Linking
- High-End Trim
- LLLC (Luminaire Level Lighting Controls)
- Energy Monitoring
- Optimized Energy Consumption
- Less Hassle with On-Site Adjustments
- More Savings
- Increased Safety
- More Flexibility
- Intuitive and user-friendly web and iOS apps
- No specialized training or lighting control expertise required
- Optimized for commercial spaces of any size
- No additional wiring or central control box
- Customizable lighting control parameters
- Future proof with Software Updates
- Multiple Zone Configurable
- Built-In Scenarios + Customization



SCHEDULING



SCENES



BLUETOOTH® NLC TECHNOLOGY ADVANTAGES



The fastest low-power communication



Scalability to thousands of devices



The most advanced encryption standards as well as the cutting-edge device authentication



No single point of failure (no central device)

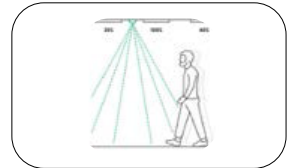


Compatibility with a widely available devices (smart phones & tablets – both with Bluetooth® 4.0 and Bluetooth® 5)

HIGH / LOW END TRIM

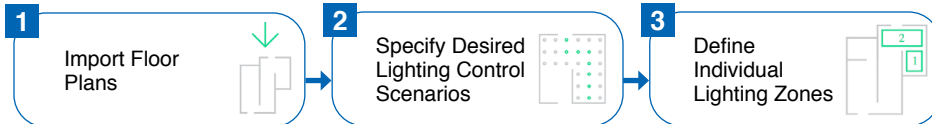


OCCUPANCY SENSING



PLANNING

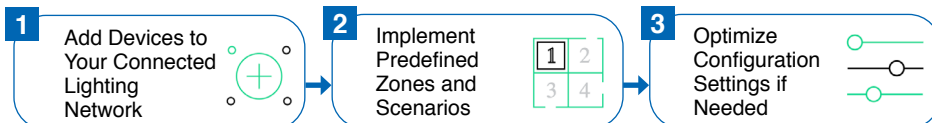
Remote preparation of a retrofit project with the use of our web app. Uploading floor plans, defining individual lighting zones and choosing lighting control scenarios.



IMPLEMENTATION

Adding lighting devices to the Bluetooth® NLC network on-site with the use of an iOS app.

Customization and calibration of lighting control parameters during and after the commissioning process. Defining scenes for specific working activities.



PROVISIONING / CONFIGURATIONS

The Bluetooth® NLC Node is in the Unprovisioned Mode until it is provisioned by a "Provisioner", which typically is a smart phone with a Bluetooth® NLC compatible app.

Specifications and Dimensions subject to change without notice.

