aleo™
LED LIGHTING

Project	
Notes	
Type	Date
Cat. No.	

LPS-BL™ BTEZ Series
Slim LED Panel Back-Lit - Field Adjustable

DESCRIPTION
The Aleo LPS-BL™ BTEZ 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 40W Max.

2x2 30W Max.

Specification Features

Rated Life 75,000
Limited Warranty 7-Years
Efficacy Over 125 LPW
Continuous Dimming

CONTINUOUS DIMMING
0-10V Continuous

Quick ship

LPS-BL-24UX-40/8CT G5 ECO/OSDL/BTEZ
LPS-BL-22UX-30/8CT G5 ECO/OSDL/BTEZ

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
UL Listed. All components have UL certification. DLC Premium QPL.

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

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. Integrated with daylight harvesting PIR sensor to achieve deeper energy-savings and code compliance.

Field-Adjustable CCT / Wattage
Increased versatility and reduced inventory burden. Wattage and Color Temp. can be adjusted in the field by using SimplBlue app to set CCT / lumen level.

Ordering Information

Example: LPS-BL-24UX-40/8CT G5 ECO/OSDL/BTEZ

LPS-BL	24	UX	40	8	CT	[Blank]	[Blank]
Series	**Form Factor**	**Lumen Package**	**Nominal Max Wattage**	**CRI**	**Color Temp**	**Input Voltage**	**Dimming**
LPS-BL Slim LED Panel - Back Lit	**24** 2'x4' **22** 2'x2'	**UX** Field Adjustable	**2'x2'** **30** 30W Max. **2'x4'** **40** 40W Max. *Utilize SimplBlue App to adjust	**8** 80+	**CT** Field Adjust. 3000K 3500K 4000K 5000K *Utilize SimplBlue App to adjust	**Blank** 120V-277V	**Blank** 0-10V Continuous Dimming

OSDL/BTEZ

Emergency Backup[1]	Controls
EM1400 1400lm	**OSDL/BTEZ** SimplBlue Occupancy Sensor

Specifications and Dimensions subject to change without notice.

LPS-BL-BTEZ_Spec_rev04   **Aleo Lighting, Inc.** I www.aleolighting.com I Ph: 877-358-8825

Performance Summary

Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 125 LPW (typ.)
CRI	83+, R9 > 0
Available CCT	3000K / 3500K / 4000K / 5000K
Rated Life	75,000 hours
Power Factor	> 0.9
THD	< 20%
Dimming	0-10V Continuous (0-100%)
Operating Temp.	-20°C to 50°C

Mounting Information
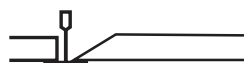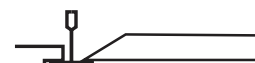
Lay-in (Standard)   Concealed

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

Performance Data

Form Factor	Catalog No.	Rated Wattage (W)	3000K		3500K		4000K		5000K	
			Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)
2' x 2'	**LPS-BL-22UX-30/8CT G5 ECO/OSDL/BTEZ**	30	3810	127	3930	131	3990	133	3960	132
2' x 4'	**LPS-BL-24UX-40/8CT G5 ECO/OSDL/BTEZ**	40	5040	126	5120	128	5120	128	5080	127

Wireless Networked Lighting Controls (NLC) - Luminaire-Level

simpl**blue**™

Integrated PIR Sensor with wireless Bluetooth Mesh. Use SimplBlue app to commission and set CCT / lumen level.

SimplBlue Bluetooth Wireless Controls
Luminaire Integrated

www.aleolighting.com/simplblue

[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.

DLC QPL Data

DLC LISTED

QPL Model No.	Product ID	Technical Req.	Classification	Primary Use
LPS-BL-22UX-30/8CT G5 ECO/OSDL/BTEZ	S-7ED06Q	5.1	Premium	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
LPS-BL-24UX-40/8CT G5 ECO/OSDL/BTEZ	S-157H9V	5.1	Premium	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

Product **Dimensions**

MOQ Carton Qty: 4

LPS-**22**

23.7" (603mm)

23.7"
(603mm)

2.1"
(53.3mm)

LPS-**24**

23.7" (603mm)

47.8"
(1213mm)

2.1"
(53.3mm)
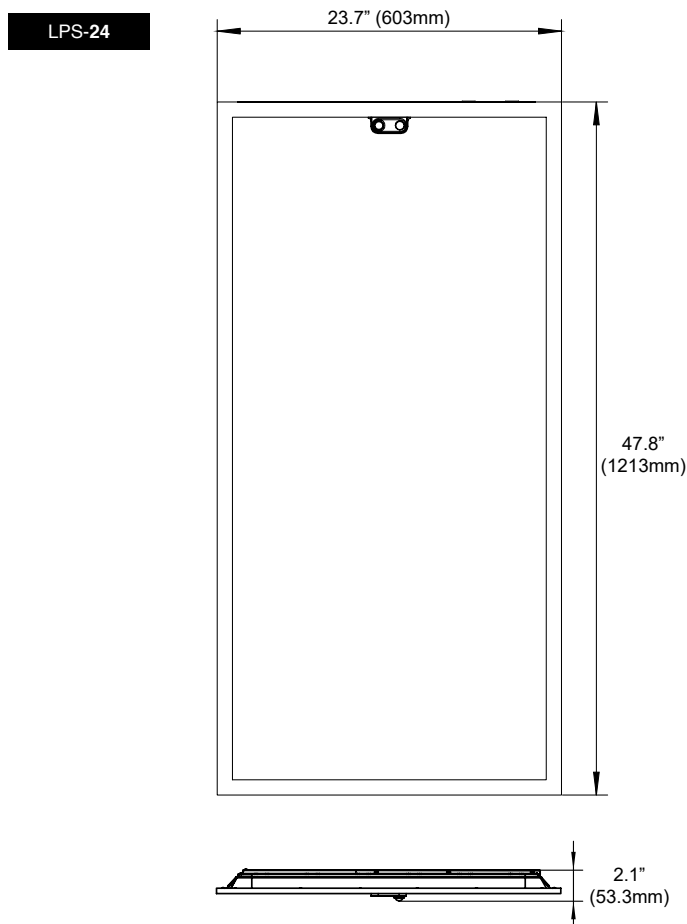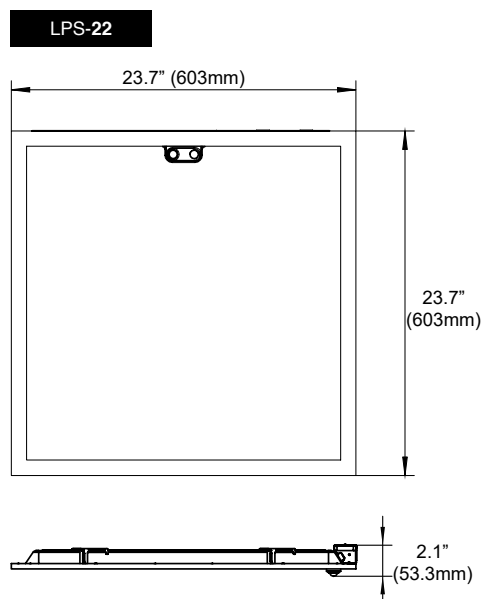
Occupancy Sensor Detection Pattern

Side View

Top View

Height 19'

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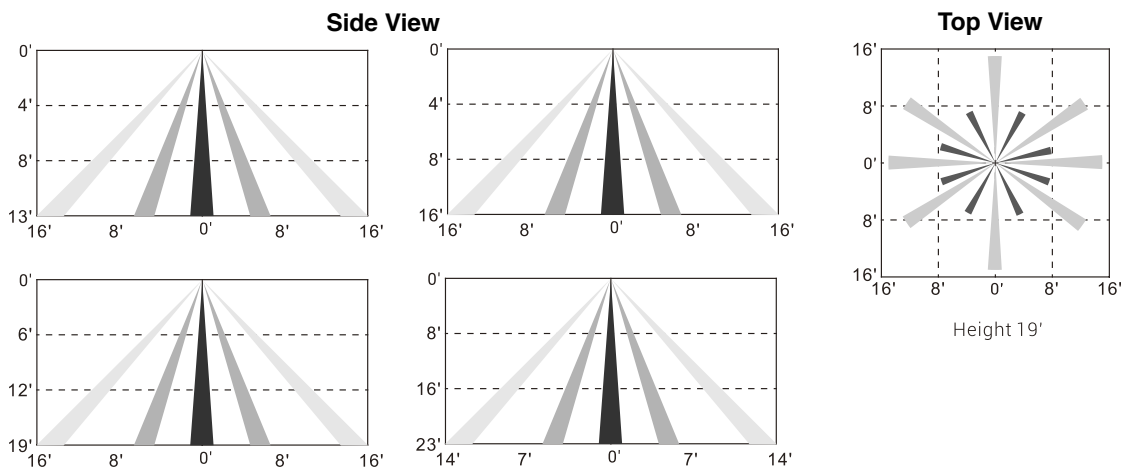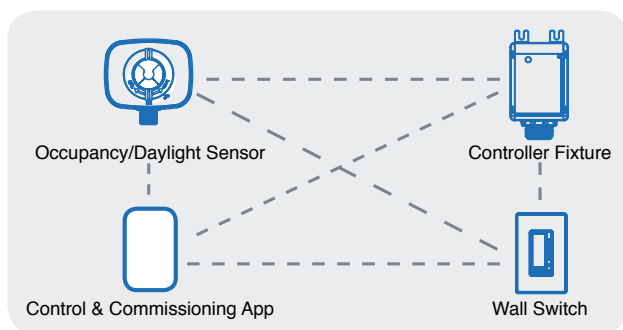
A Simple and Cost-Effective Localized Networked Lighting Control System Using Bluetooth Mesh.

SimplBlue Wireless Bluetooth Controls

SimplBlue Lighting Controls offers a complete gateway-free wireless system to control lights in a wide variety of applications. The system includes wireless fixture controllers, switches, and occupancy/daylight harvesting sensors all using Bluetooth® wireless technology. In addition to the system devices we also offer a fixture mounted controller and sensor with Bluetooth® technology providing wireless communication and occupancy/daylight harvesting control in one device. Each device has its own address for sending, receiving and sharing control commands through a wireless network. Expandability is easy with each device passing information to the next thus expanding the reach and control throughout the network.

Download the Commissioning App

Download on the **App Store**

ANDROID APP ON **Google play**

Occupancy/Daylight Sensor

Controller Fixture

Control & Commissioning App

Wall Switch

Download the SimplBlue
Commissioning App Instructions

SimplBlue Lighting Controls Commissioning & Control App

- For iOS or Android smartphone
- Commissioning: Switch on-off, Dimming,
- Color tuning/ Circadian Rhythms (Must work with corresponding drivers and led fixtures)
- Flexible zoning/ Scenarios setting/ Scheduling
- Wireless wall switch linkage setting
- Occupancy sensor setting, Daylight harvesting, Photocell control
- Admin control authority sharing with QR code

System Functionality

- Networking of luminaires
- Individual Addressability
- Occupancy sensing
- Daylight Harvesting/Photocell Control

- High-end Trimming
- Flexible Zoning
- Continuous Dimming

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