

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 .

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

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.

LPS-BL™ UX Series

2x4 40W Max.
2x2 30W Max.

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



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

Ordering Information

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

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

OSDL/BTEZ	Emergency Backup EM1400 1400lm	Controls OSDL/BTEZ SimplBlue Occupancy Sensor
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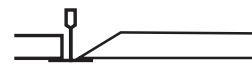
Specifications and Dimensions subject to change without notice.

Performance Summary

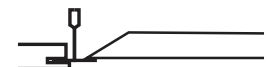
Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 125 LPW (typ.)
CRI	83+, R9 > 0
Available CCT ¹	3000K / 3500K / 4000K / 5000K
Rated Life	75,000 hours
Power Factor	> 0.9
THD	< 20%
Dimming	0-10V Continuous (0-100%)
Operating 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

simplblue™

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

SimplBlue Bluetooth Wireless Controls

Luminaire Integrated



www.aleoighting.com/simplblue

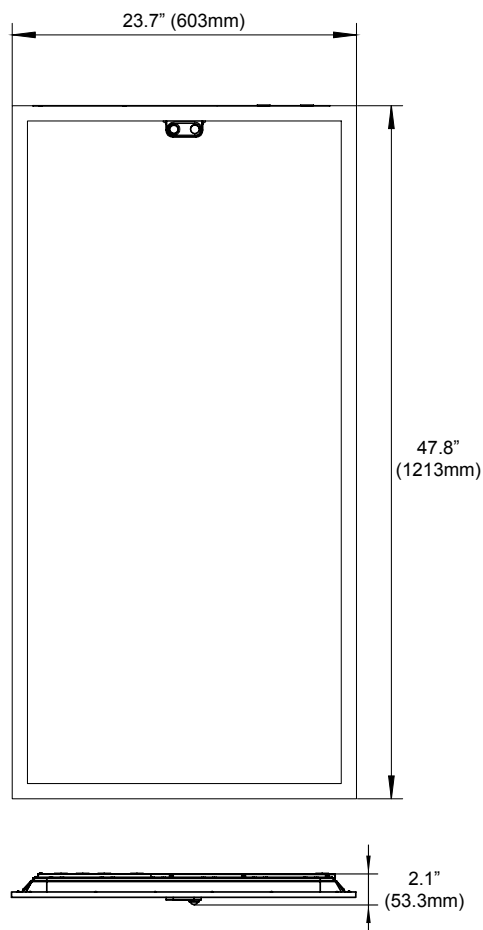
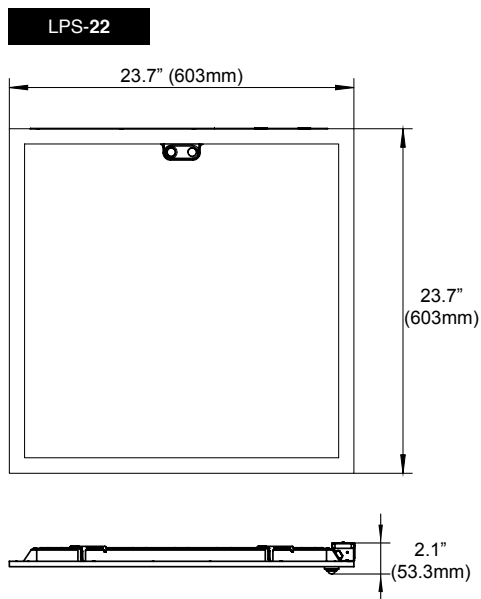
DLC QPL Data

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

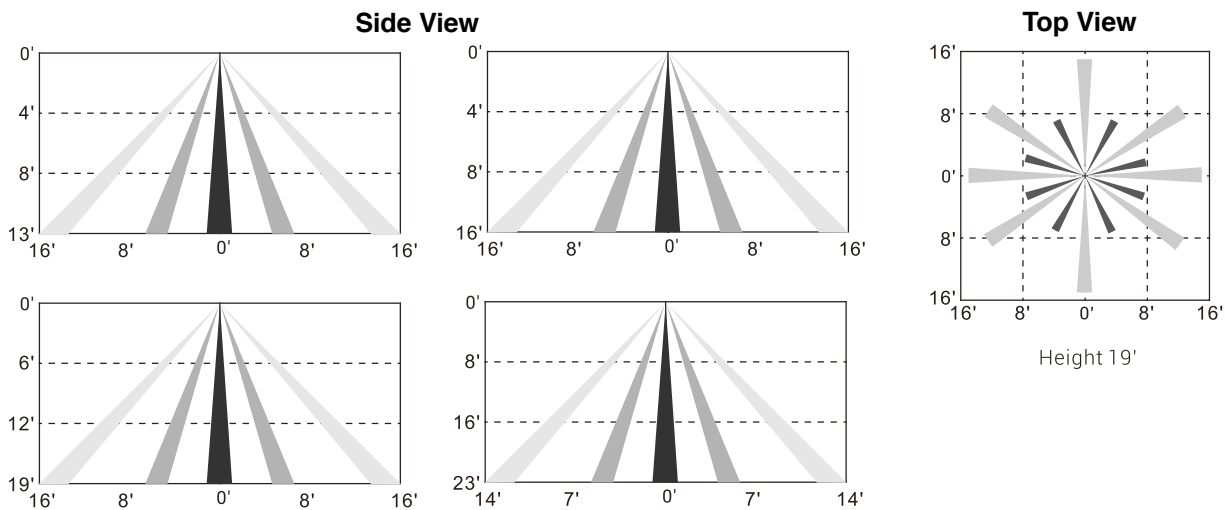


Specifications and Dimensions subject to change without notice.

Product Dimensions



Occupancy Sensor Detection Pattern



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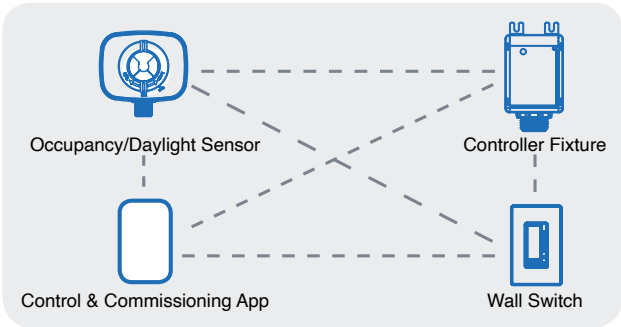
A Simple and Cost-Effective Localized Networked Lighting Control System Using Bluetooth Mesh.



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 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

