



LSB524 COMMERCIAL DUTY • 5YR
LED 2X4 SPECTRA™ BACK-LIT PANEL
2X4 LUMINARIES FOR AMBIENT LIGHTING OF
INTERIOR COMMERCIAL SPACES

FEATURES

Spectra™ Panels offer flexible and custom lighting solutions based on an individuals needs and activities. When paired with a Spectra™ remote or wireless wall dimmer*, our Spectra™ Panels are adjustable for both Brightness and Color for the perfect balance of light for any situation.

- Energy efficient
- No flickering
- RF 2.4GHz Wireless

**Handheld remote and wireless wall dimmer, sold separately*

APPLICATION

Ideal for retrofitting inefficient fixtures in malls, hospitals, airports, offices, lobbies and other residential and commercial applications.

Default setting CCT 4000K at full brightness as shipped.

ELECTRICAL

Wattage	50W
Voltage	120-277V
Current	200-550mA
Power Factor	0.9
Total Harmonic Distortion (THD)	15%

LIGHTING PERFORMANCE

Lumens	6500
Lumens Per Watt (Lm/W)	130
Color Temperature (CCT)	5000K-3000K
Color Rendering (CRI)	80
Beam Angle	120°
Dimmable Lighting Control	0-10V, to 10%

ENVIRONMENT

Operating Temperature	-4° ~ 122°F
Suitable Location	DAMP
Ingress Protection Rating	IP40

LIFESPAN

Average Life (Hours)	50,000
Warranty (Years)	5

COMPONENTS

LED Light Source	- -
Driver	JPB60LRF054R24

CONSTRUCTION

Housing	Aluminum
Lens	UV-Stabilized Polycarbonate
Base / Power Supply	Hard Wired
Finish	White

QUALIFICATIONS

Model Number	SPC12450ACUW
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Manufactured by P.Q.L., Inc. • Published lumens on LED products are approximate and may vary slightly. • Specifications are subject to change without notice.

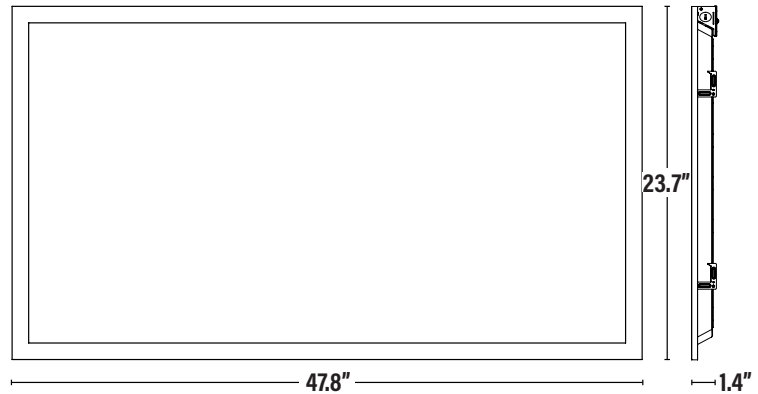
LSB524 COMMERCIAL DUTY • 5YR LED 2X4 SPECTRA™ BACK-LIT PANEL



ITEM INFORMATION

DIMENSIONS (Inches)

Length	47.8"
Width	23.7"
Height	1.4"
Net Weight (Lbs)	--



PACKAGING

Master Case	2
Dimensions	48.6" x 24.8" x 3.1"
Country of Origin	China
HS Tariff	--

ORDERING

ITEM#	DESCRIPTION	CASE
LSB524	2 X 4 PANEL-BACK-LIT SPECTRA 50W/120-277V/0-10 DIM	1

Manufactured by P.Q.L., Inc. - Manufacturer Model # SPC1-24-50-AC-U-W

ACCESSORIES

LSBREM	HANDHELD REMOTE for BACK-LIT SPECTRA - UP TO 4 ZONES (batteries not included, requires 2-AAA)	1
LSBWWD	WALL REMOTE for BACK-LIT SPECTRA - 1 ZONE (batteries not included, requires 2-AA)	1
LBSM24	SURFACE MOUNT KIT FOR 1X4 BACK-LIT FLAT PANEL	1



**HANDHELD REMOTE
LSBREM**



**WALL REMOTE
LSBWWD**



**SURFACE MOUNT KIT
LBSM24**

ADDITIONAL INFORMATION

- New Spectra panels are not compatible with previous generations of Spectra remote controls; they only operate with the LSBREM or LSBWWD controls.
- A common 0-10V dimmer can be used with this panel. (Color temperature is only adjustable with the handheld remote or wireless wall dimmer.)
- Each controller (handheld remote or wireless wall dimmer) can control multiple panels as long as the distance between the panel and controller is within 98 feet, and signal is not obstructed between fixture and controller (wall, column, etc.).
- Panel(s) can be paired to (1) handheld remote control and (1) wireless wall dimmer. They cannot be paired to multiple handheld remote controls or multiple wireless wall dimmers.
- If using the handheld remote (LSBREM) or wireless wall dimmer (LSBWWD) with the Spectra panel, they cannot be the only on-off switch; it must be used together with a hard-wired on/off switch. The fixture needs to be turned off for the night with a standard hard-wired wall switch (or at the breaker panel).