

plano ARCH

# LBLP | quince ARCH

## Product Data Sheet

### COMMERCIAL-GRADE LED Back-lit Panel

20W - 50W




### Product Overview

The LBLP quince@RCH-Series is built for 5-way switchable power and 3-way CCT using dip-switches to choose between 15-variations for use in offices, schools, hospitalities and other indoor spaces.

Featuring seamless light distribution that is superior to edge-lit panels with higher structural integrity due to its aluminum alloy body and optimized driver integration, the LBLP-Series replaces all your work area lighting needs.

ARCHIPELAGO luminaires and LED components has been tested by independent laboratory in accordance to IESNA LM79 and LM80. LED color temperature is warranted to shift no more than 180K over the standard warranty period. Furthermore, the range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Product Warranty

 7-Year Warranty

 75,000 Hrs

### Applications



Office Space



School



Hospitalities



Commercial

### Product Main Features

- Selectable Wattage and CCT Through Driver-Based Dip-Switches
- PMMA Lens for Superior Non-Fade Luminous Output
- Strengthened Ultra Lightweight 6063 Aluminum Frame
- Microchip Programed Light-Engine for Consistent CCT
- High-Density LED Chips for Uniform Light Output
- Easy Installation & Low Maintenance Cost
- 7-Year, 75,000Hr Warranty
- UL Damp Location Listed
- DLC Premium Listed



### Project Details

Project:

Fixture Schedule:

Product Number:

Notes:

### Key Specifications

- **LED Chip:** Samsung 2835, LM80, IP-Protected
- **Lightweight Frame:** 6063 Aluminum
- **Operating Temp:** -4°F - 122°F
- **IP:** -IP40 Indoor Damp Location
- **Input Voltage:** 120-277V (U)
- **Power Factor (PF):** >0.9 Non-Flicker
- **Efficacy:** >125LM/W
- **Dimming:** 0-10V
- **Total Harmonic Distortion (THD):** <20%
- **Color Rendering Index (CRI):** >80

### Model Specifications

Model	Selectable Watt	Selectable CCT	Voltage	Lumen (LM)
LBLP14-Q53	20W 25W 30W	3500K 4000K 5000K	120-277V	20W - 2,500LM
LBLP22-Q53	35W 40W			25W - 3,125LM
LBLP24-Q53	25W 30W 35W 40W 50W			30W - 3,750LM
				35W - 4,375LM
				40W - 5,000LM
				50W - 6,250LM

### Certifications



### Ordering Guide

Model Series	Size	Watt (W)	CCT (K)	Accessory
<b>LBLP</b> (LED Back-Lit Panel)	<b>14</b>   1x4	<b>Q5:</b> 20W/25W/30W/35W/40W  25W/30W/35W/40W/50W	<b>3:</b> 3500K 4000K 5000K	<b>MSM</b>   Microwave Motion Sensor <b>EM08</b>   8W Emergency Driver
	<b>22</b>   2x2			
	<b>24</b>   2x4			

\* Standard option | \*\* Integral Controls & Emergency Drivers

#### Ordering number example:

LBLP22-Q53-EM08

Please place the dashes (-) in the correct order.

#### Choose your model specifications:

LBLP	-	Q5	-	3	-	
------	---	----	---	---	---	--

Model Series

Size

Watt

CCT

Accessory



### Physical Features

**Silicon Processing & PMMA Lenses**  
Special silicon coating treatment seals lens optics for superior adhesion. PMMA lens provides optimum light transmittance and prevents yellowing lens decay.

**Optional Junction Box Attachment**  
Allows for additional room for wiring emergency and sensor functionalities.

**6063 Aluminum Frame and Backplate**  
Provides superior structural integrity and optimum passive heat dissipation.

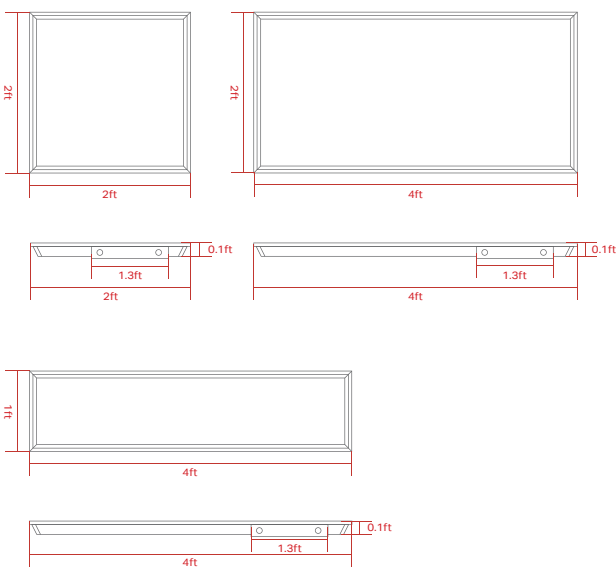
**Purposefully Distributed LED Chips**  
Ensures better heat dissipation, less light decay and more uniform light distribution. Same light effect as per edge-lit panel.

**Power & CCT Controller**  
Built-in driver-based microprocessor is programmed to deliver consistent power output and precise color temperature.

**Reflector**

**PMMA Diffuser**

### Sizing & Measurements



Model Series	Width (ft)	Height (ft)	Depth (ft)	Weight (lb)
LBLP	1.0	4.0	0.1	2.5
LBLP	2.0	2.0	0.1	2.3
LBLP	2.0	4.0	0.1	4.2