

plano **ARCH**

LBLP | quince **ARCH**

Product Data Sheet

COMMERCIAL-GRADE LED Back-lit Panel

20W - 50W




Product Overview

The LBLP quince^{ARCH}-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



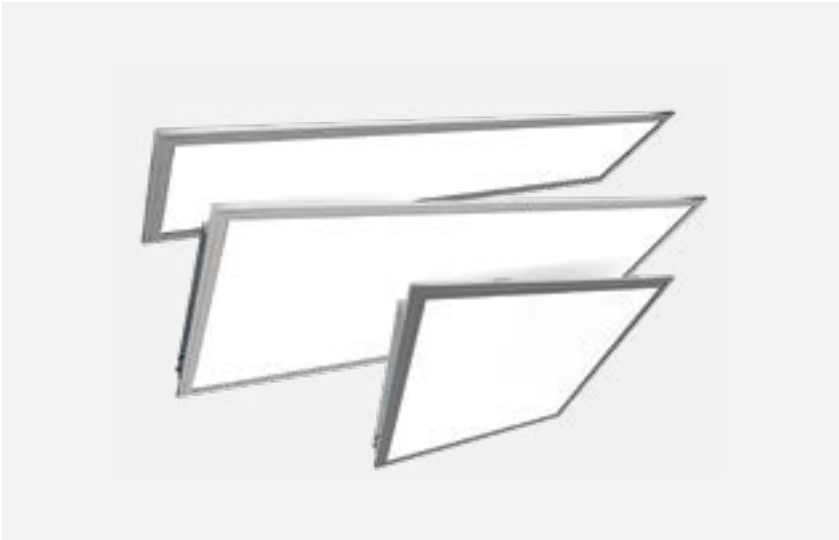
Hospitalities



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 35W 40W	3500K 4000K 5000K	120-277V	20W - 2,500LM
LBLP22-Q53				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
LBLP (LED Back-Lit Panel)	14 1x4	Q5: 20W/25W/30W/35W/40W 25W/30W/35W/40W/50W	3: 3500K 4000K 5000K	MSM Microwave Motion Sensor EM08 8W Emergency Driver
	22 2x2			
	24 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	-	Accessory
Model Series		Size		Watt		CCT



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.

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.

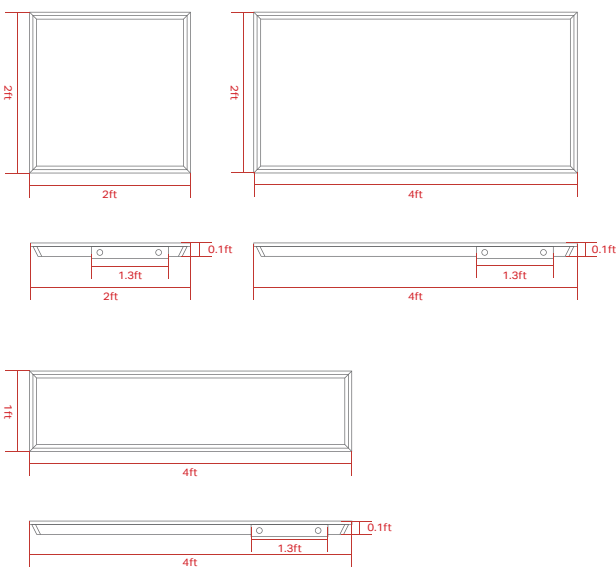
Reflector

PMMA Diffuser

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

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

Sizing & Measurements

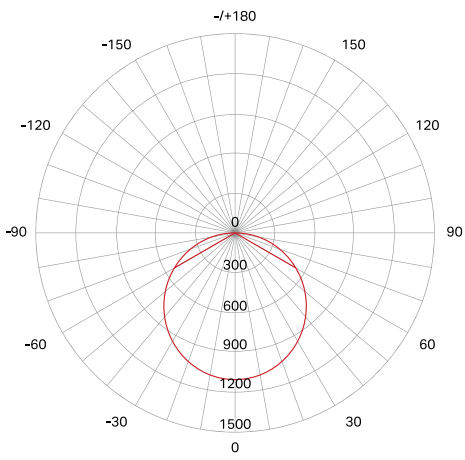


Model Series	Width (ft)	Height (ft)	Depth (ft)	Weight (lb)
LBLP	1.0	4.0	0.1	2.5
LBLP	2.0	2.0	0.1	2.3
LBLP	2.0	4.0	0.1	4.2

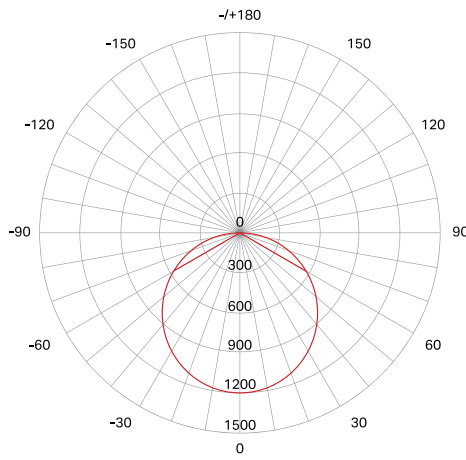


Luminaire Photometrics

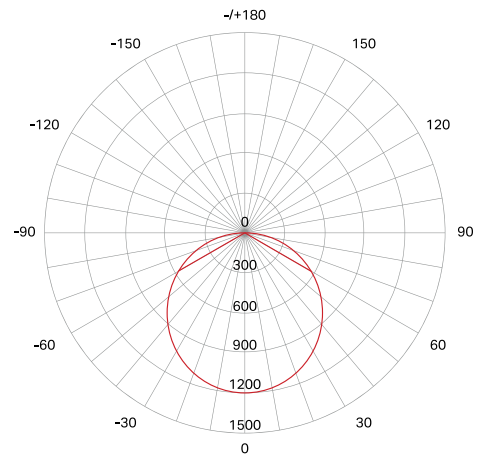
LBLP 1x4 25W	LBLP 2 x 2 25W	LBLP 2 x 4 40W
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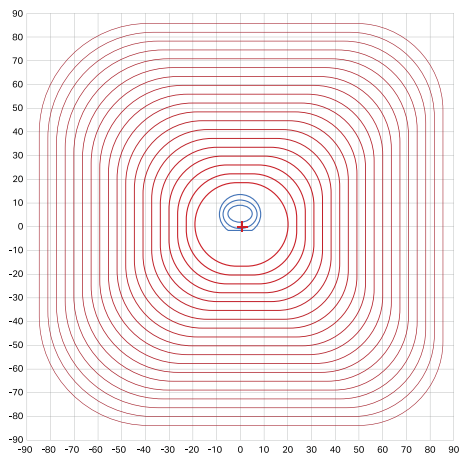
Luminous Distribution
Average Beam Angle (50%): 116.8 DEG



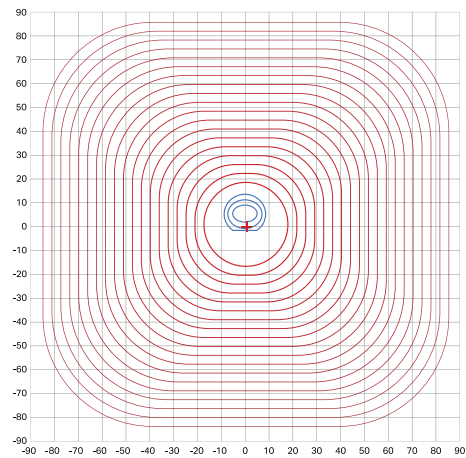
Luminous Distribution
Average Beam Angle (50%): 115.0 DEG



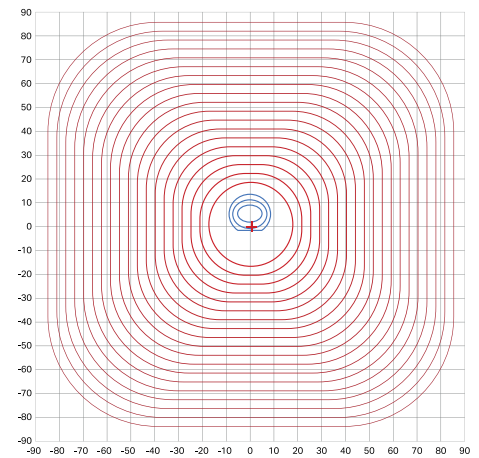
Luminous Distribution
Average Beam Angle (50%): 117.4 DEG



Isocandela Diagram
Horizontal (DEG)





Isocandela Diagram
Horizontal (DEG)







Isocandela Diagram
Horizontal (DEG)



Compatible Accessories

EM Drivers	
	
EM08-1BD	EM15-1BD

Sensors	
	
Non-Network	Network
MSM-H1	MSM-SB1

Compatible Controllers	
RM-MS-H1	WS-MS-SB1
	

Hardwares				
				
	Flange Kit		Surface Mount	
	FLANGE22	FLANGE24	MOUNT22	MOUNT24
LBLP quince@RCH 2x2	✓		✓	
LBLP quince@RCH 2x4		✓		✓