

COMMERCIAL-GRADE

LED Back-Lit Panel | ECO-tier

1x4 | 2x2 | 2x4



## Product Overview

The LBLP selectARCH-Series is built for 4-way switchable power and CCT using dip-switches to choose between four wattage and CCT ranges 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 warrantied 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\*



5-Year Warranty



50,000 Hrs

\* Standard warranty. Extended warranty available.

## Applications



Office Space



School



Hospitals



Commercial Buildings

## 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
- Advanced driver is rated for AC97-305VIn
- 5-Year, 50,000Hr Warranty
- UL Damp Location Listed
- DLC Premium Listed



## Project Details





Project Name:

Fixture Schedule:

Project Number:

Notes:

## Highlights

Features	Description
3-WATTselect	 Wattage selectable: 3-way dip-switch
3-CCTselect	 CCT selectable: 3-way dip-switch
Economical Solution	 All that you need. None of what you don't.
Limited Warranty	 5-Year Warranty



## Key Specifications

- **LED Chip:** Samsung 2835, LM80, IP-Protected
- **Lightweight Frame:** 6063 Aluminum
- **Operating Temp:** -10°F — 125°F
- **IP:** IP40 Indoor Damp Location
- **Input Voltage:** 120-277V
- **PF:** >0.9 Non-Flicker
- **Efficacy:** 130LM/W
- **Dimming:** 0-10V
- **THD:** <15%
- **CRI:** >80

## Certifications



## Model Specifications

Model	WATTselect	Lumen	CCTselect	Voltage	LPW
LBLP14	25W / 30W / 36W /	3250LM / 3900LM / 4500LM /	3500K / 4000K / 5000K /	120-277V	130LM/W
LBLP22					
LBLP24	30W / 40W / 45W /	4050LM / 5200LM / 5850LM /			

**Junction Box Attachment**

Allows for additional room for wiring accessories and other functionalities.

**WATTselect & CCTselect Controller**

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

**Purposefully Distributed LED Chips**

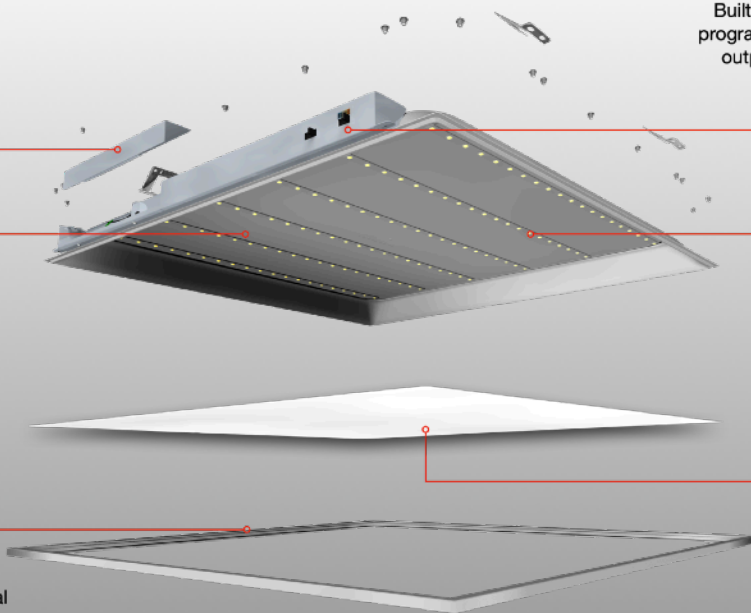
Ensures better heat dissipation, less light decay and more uniform light distribution. Same light effect as per edge-lit panels.

**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.

**Aluminum Frame**

6063 aluminum frame for superior structural integrity and optimum passive heat dissipation.

**PMMA Diffuser**


## Ordering Guide

Model Series	Size (FT)	WATTselect (W)	CCTselect (K)
<b>LBLP</b> LED Backlit Panel	<b>14</b>   1x4 <b>22</b>   2x2	3-WATTselect: 25   25W 30   30W 35   35W	-S3   3-CCTselect: 35   3500K 40   4000K 50   5000K
	<b>24</b>   2x4	3-WATTselect: 30   30W 40   40W 45   45W	

**Ordering number example:**

LBLP24-S3

Please place dashes (-) in correct order.

**Choose your model specifications:**

LBLP

Model Series

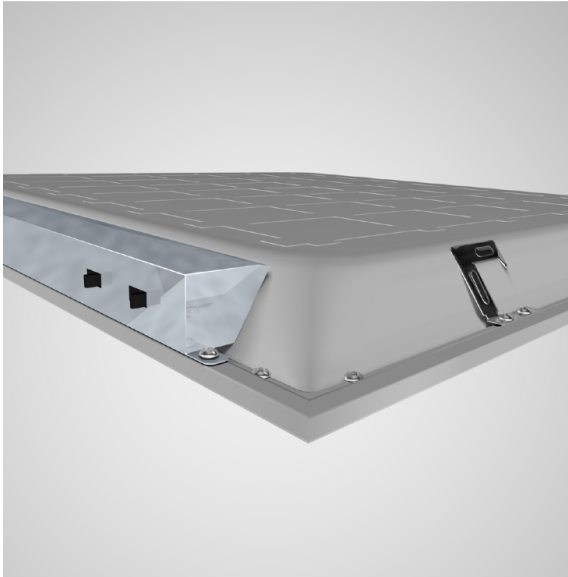
24

Size

-S3

WATTselect + CCTselect

## Power & CCT Control



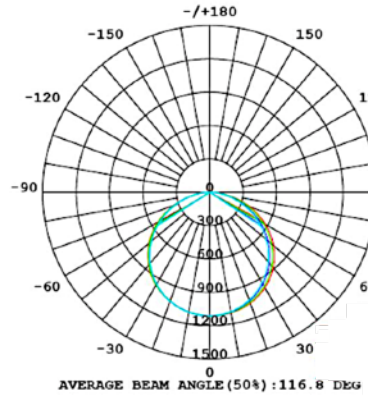
## Physical Features

Selectable Wattage + CCT	<ul style="list-style-type: none"> <li>Built-in driver-based microprocessor is programmed to deliver consistent power output and precise color temperature. This level of precision allows us to provide project-based custom CCT panels.</li> </ul>
Efficient Heat Dissipation	<ul style="list-style-type: none"> <li>SMD chip printing is engineered for optimum passive heat dissipation to provide longer lifespan and ensure minimum light decay.</li> </ul>
Intelligent Driver	<ul style="list-style-type: none"> <li>Uniquely intelligent and reliable, the driver is engineered from the ground up to provide integrated safety features such as short-circuit overload protection, low-voltage prevention, non-stroboscopic, and high efficiency electrical conversion (PF&gt;0.9). It is completely insulated from the structure of the panel to ensure isolated thermal effects from prolonged use.</li> </ul>

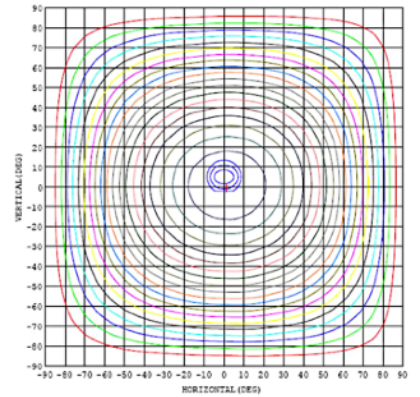
## Photometric

1 x 4 | 25W

Luminous Distribution

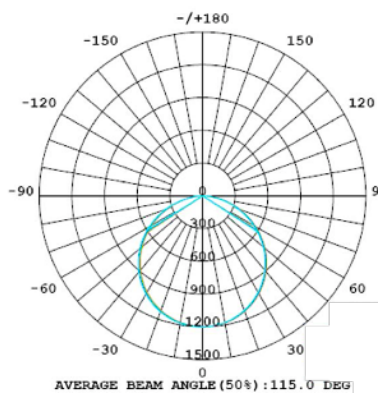


Isocandela Diagram

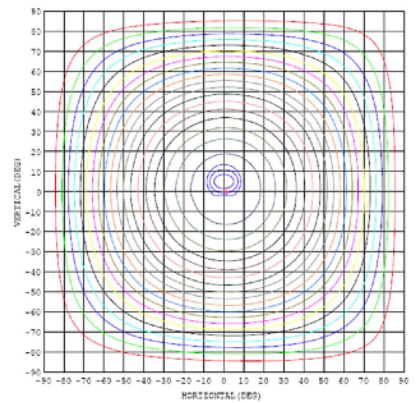


2 x 2 | 25W

Luminous Distribution

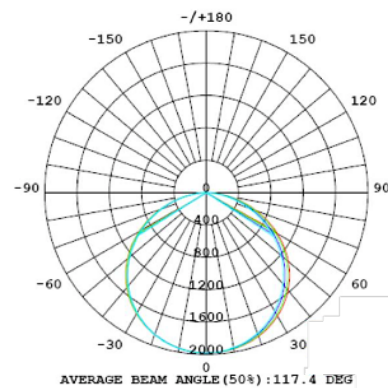


Isocandela Diagram

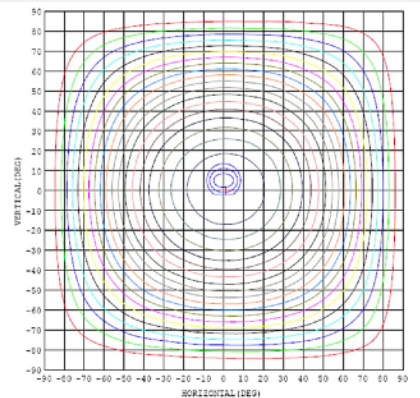


2 x 4 | 40W

Luminous Distribution



Isocandela Diagram



## Sizing & Measurements

Model Series	Dimensions	Width (ft)	Length (ft)	Depth (ft)	Weight (lb)
LBLP14		1	4	0.1	2.5
LBLP22		2	2	0.1	2.3
LBLP24		2	4	0.1	4.2

## DLC Model Guide

Product ID	Model No.*	Controls	Lumen	Efficacy	CCT	THD	PF
PU8ODB57	LBLP14-xx-yy-S3	No	5351	125	3000K — 5000K	15	0.9
PG5QFZWT	LBLP22-xx-yy-S3	No	5238	126	3000K — 5000K	15	0.9
PIJ16WLR	LBLP24-xx-yy-S3	No	6145	126	3000K — 5000K	15	0.9

\* DLC Premium

## Compatible Accessories

Category	Model No.	Model No.	Model No.	
Mount / Flange Kit		plano-M/F14	plano-M/F22	plano-M/F24
Mount / Surface Kit		plano-M/S14	plano-M/S22	plano-M/S24
Mount / Suspension Kit		SUSPN14	SUSPN22	SUSPN24