

plano **ARCH**

PRO

LBLP | proARCH-II

Product Data Sheet

COMMERCIAL-GRADE

LED Back-Lit Panel



WATTselect

CCTselect

Dual-Listed

NLC Compliant

TAA Compliant

1x4 / 2x2 / 2x4

Product Overview

INTENDED USE — The proARCH-II-Series is built for 3-way switchable power and 3-way switchable CCT using dip-switches to choose between four wattage and CCT ranges for use in offices, schools, hospitalities and other indoor spaces.

proARCH-II-Series are **NSF-listed** and built to withstand the harsh cleaning chemicals and moisture commonly used in foodservice settings, ensuring long-lasting performance.

The proARCH-II-Series is **TAA-compliant**, Made in Mexico, which allows for more market utility and broader implementations across commercial and government projects.

ELECTRICAL — The light engine comprises long-lasting, energy-efficient LEDs mounted on an internal aluminum heat sink. This setup improves heat dissipation and extends the product's lifespan. These LEDs maintain 90% of their light output even after 50,000 hours of continuous operation.

OPTICS — 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.

WARRANTY — ARCHIPELAGO warrants the proARCH-II shall be free from defects in materials and workmanship for a period of 7-Year, 75,000hr from the date of delivery to the enduser, including coverage of light output, color stability, and driver performance.

ARCHIPELAGO luminaires and LED components undergo rigorous testing by an independent laboratory to meet IESNA LM-79 and LM-80 standards for light output and lumen maintenance. LED color temperature is warranted to shift no more than 180K over the standard warranty period. Correlated Color Temperature (CCT) follows the guidelines set forth in the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Applications



Office Space



School



Hospitals



Commercial Buildings

Main Features

- Selectable Wattage and CCT Through Driver-Based Dip-Switches
- Advanced 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 Standard Listed
- Made in Mexico, TAA and NSF Compliant

Product Warranty*



7-Year Warranty



75,000 Hrs

* Standard warranty. Extended warranty available.

Archipelago Lighting, Inc.

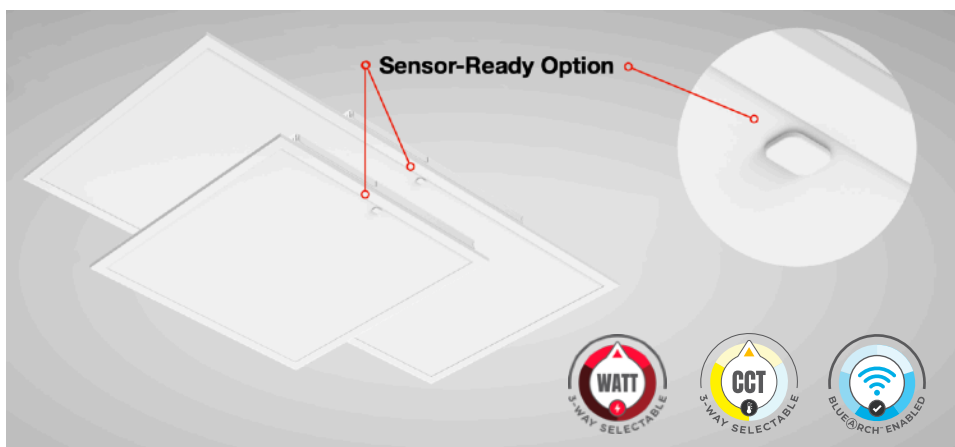
| **Headquarter:** 4615 State Street, Montclair, CA 91763

| **USA Production:** 9345 Sycamore Canyon Blvd, Riverside, CA 92508

Contact Us

www.archipelagolighting.com

+1 (866) 912-3220



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
blueARCH™ Controls		SIG-qualified Bluetooth Mesh lighting control solution. Technology by Silvar.
PRO-Tier Solution		Made in Mexico: Fastest delivery to your warehouse or job site
Dual-Listed		Maximize your rebates. Choose from Ambient to Low-Bay listings.
TAA-Compliant		Made in Mexico. More market utility and broader implementations across commercial and government projects.

NSF-listed for food safe use:

All proARCH-II series is designed with smooth, easy-to-clean surfaces and shatter-resistant materials, minimizing the risk of contamination from bacteria or broken glass in areas where food is handled.

Key Specifications

- **LED Chip:** Lumileds, 2835, LM80, IP-Protected
- **Lightweight Frame:** 6063 Aluminum
- **Operating Temp:** -1.4°F — 113°F
- **IP:** IP40 Indoor Damp Location
- **Input Voltage:** 120-277V
- **PF:** >0.9 Non-Flicker
- **Efficacy:** 110LM/W | 115LM/W | 130LM/W
- **Dimming:** 0-10V (Dimmable to 10%)
- **THD:** <25%
- **CRI:** >80

Certifications



Model Specifications

Model	3-WATTselect	Lumen	3-CCTselect	5-WATTselect	Lumen	5-CCTselect	Voltage	LPW
LBLP14	20W / 30W / 40W *	2,600LM / 3,900LM / 5,200LM /	3500K / 4000K / 5000K *	20W / 25W / 30W / 35W / 40W *	2,600LM / 3,250LM / 3,900LM / 4,500LM / 5,200LM /	2700K / 3000K / 3500K / 4000K / 5000K *	120-277V	130LM/W
LBLP22	20W / 30W / 40W *	2,600LM / 3,900LM / 5,200LM /	3500K / 4000K / 5000K *	20W / 25W / 30W / 35W / 40W *	2,600LM / 3,250LM / 3,900LM / 4,500LM / 5,200LM /	2700K / 3000K / 3500K / 4000K / 5000K *		
LBLP24	30W / 40W / 50W *	3,900LM / 5,200LM / 6,500LM /	3500K / 4000K / 5000K *	25W / 30W / 35W / 40W / 50W *	3,250LM / 3,900LM / 4,500LM / 5,200LM / 6,500LM /	2700K / 3000K / 3500K / 4000K / 5000K *		

* NOTE: Factory default setting

Archipelago Lighting, Inc.

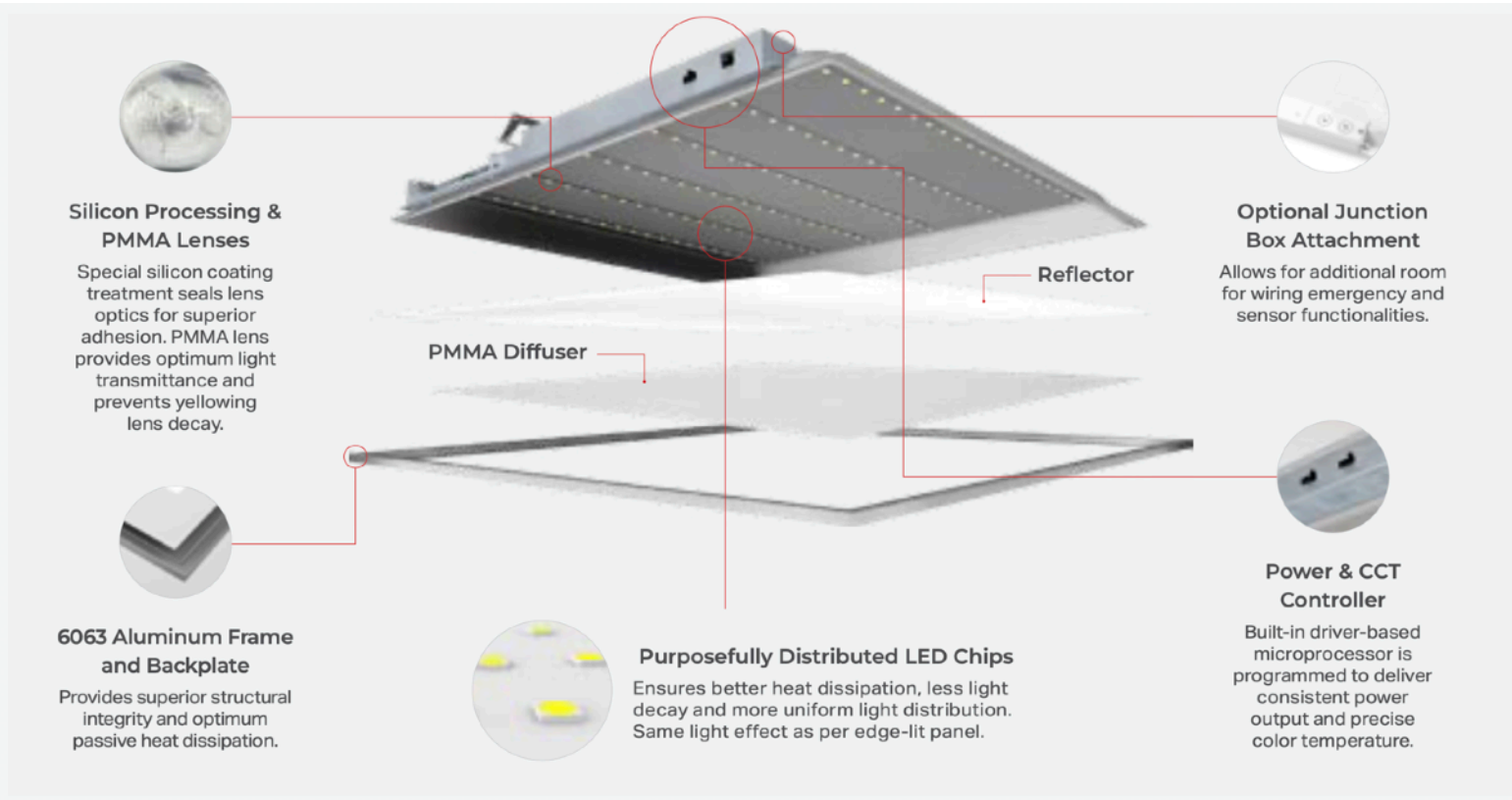
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Ordering Guide¹

Model Series	Size (FT)	WATTselect (W)	CCSelect (K)	Series	Sensor Ready
LBLP LED Backlit Panel	14 1x4	3 3-WATTselect: 20W/30W/40W: 1x4 or 2x2 30W/40W/50W: 2x4	3 3-CCSelect: 3500K 4000K 5000K	MXP2 Made in Mexico proARCH-II	/ [Blank] Non-Sensor Ready SR Sensor Ready Port
	22 2x2				
	24 2x4	5 5-WATTselect: 20W/25W/30W/35W/40W: 1x4 or 2x2 25W/30W/35W/40W/50W: 2x4	5 5-CCSelect: 2700K 3000K 3500K 4000K 5000K		
CATALOG #:					
LBLP		-		MXP2	/

Options Guide²

EM Driver ³	Motion Sensor	Flange Kit	Surface Mount	Suspension Kit	NSF Certified
☐ EM08 8W EM Driver	☐ MSM Microwave Bi-Level ☐ MSP PIR Bi-Level ☐ RM Remote Control (for bi-level sensor) ☐ MSM /NLC blueARCH™ Microwave Sensor ☐ MSP /NLC blueARCH™ PIRSensor	☐ F14 1x4 ☐ F22 2x2 ☐ F24 2x4	☐ S14 1x4 ☐ S22 2x2 ☐ S24 2x4	☐ SUSPN14 1x4 ☐ SUSPN22 2x2 ☐ SUSPN24 2x4	☐ NSF NSF Certified
OPTIONAL ACCESSORIES #:					
/	/	/	/	/	/

NOTE:

- Only one selection may be applicable within the same category.
- Multiple selections may be applicable within the same option category. See Compatible Accessories below for details.
- Emergency backup driver is compatible to Sensor Ready options only.

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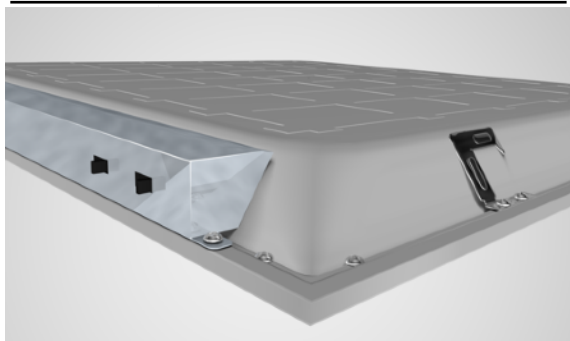
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Power & CCT Control



TAA / Made in Mexico

Enhanced Competitiveness	By leveraging Mexico's competitive labor rates and operational efficiencies, we can bring you even more attractive pricing on our LED fixtures. This translates to increased savings for your projects without compromising on quality.
Improved Lead Times	Our Mexican facility positions us closer to major US transportation hubs, streamlining the delivery process and getting you the LED solutions you need faster. This is especially beneficial for time-sensitive projects.
Unwavering Quality	We maintain the same rigorous quality control standards across all our production facilities, ensuring you receive the reliable, long-lasting LED products you've come to expect from us.

Physical Features

Selectable Wattage + CCT	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.
Efficient Heat Dissipation	SMD chip printing is engineered for optimum passive heat dissipation to provide longer lifespan and ensure minimum light decay.
Intelligent Driver	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>0.9). It is completely insulated from the structure of the panel to ensure isolated thermal effects from prolonged use.

blueARCH™ Controls: Ambient Applications

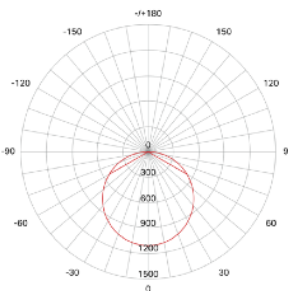
Commission your own blueARCH™ Controls NLC deployment

Planning Web App		1. Plan Light Behavior: Decide how lights function in each area. 2. Set Up Project: Create a project and invite collaborators. 3. Zone & Profile: Map your space, define zones, and configure lighting settings (cloud-based).	
Implementation Mobile App		4. Install Devices: Add lights, sensors following the pre-configured plan. 5. Assign Switches: Link physical switches to their zones. 6. Calibrate Sensors: Fine-tune ambient light sensors for optimal performance.	
Verification Mobile Web App		7. Verify Functionality: Ensure everything works as planned (no area errors). 8. Mesh Check: Test mesh network strength. 9. Review Report: Analyze commissioning results.	

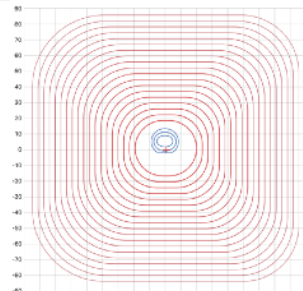
Photometric

1 x 4 | 25W

Luminous Distribution

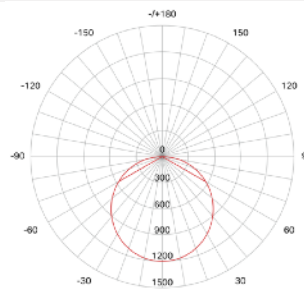


Isocandela Diagram

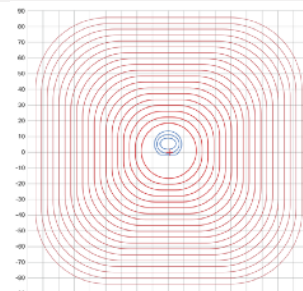


2 x 2 | 25W

Luminous Distribution

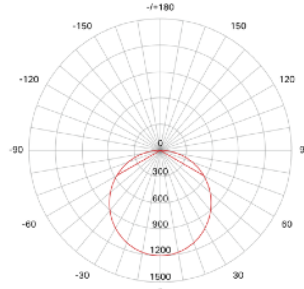


Isocandela Diagram

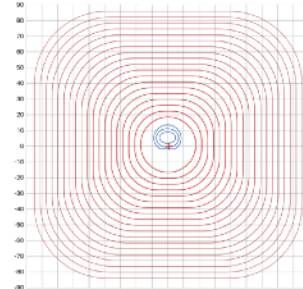


2 x 4 | 50W

Luminous Distribution

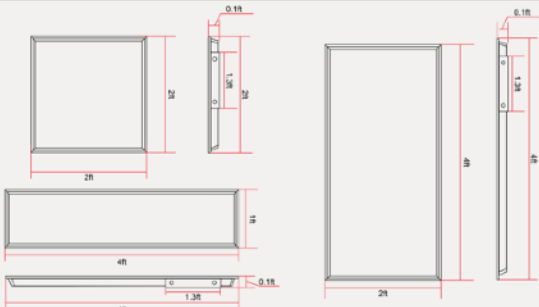


Isocandela Diagram





Sizing & Measurements

Model Series	Dimensions	Width (ft)	Height (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.	Product Category	Classification	Controls	Lumen	Efficacy	CCT	THD	PF
S-CYWC8R	LBLP14-33MXP2	Luminaires for Ambient Lighting	Standard	Yes	4788	110	3500K — 5000K	15	0.9
S-D8TXMR	LBLP14-33MXP2	Low-Bay Luminaires	Standard	Yes	4788	110	3500K — 5000K	15	0.9
S-FMBFCV	LBLP14-33MXP2/SR	Luminaires for Ambient Lighting	Standard	Yes	4788	110	3500K — 5000K	15	0.9
S-MZ9JR3	LBLP22-33MXP2	Luminaires for Ambient Lighting	Standard	Yes	4707	110	3500K — 5000K	15	0.9
S-D8TXMR	LBLP22-33MXP2	Low-Bay Luminaires	Standard	Yes	4707	110	3500K — 5000K	15	0.9
S-LTKGWB	LBLP22-33MXP2/SR	Luminaires for Ambient Lighting	Standard	Yes	4707	110	3500K — 5000K	15	0.9
S-D8TXMR	LBLP24-33MXP2	Low-Bay Luminaires	Standard	Yes	6006	115	3500K — 5000K	15	0.9
S-S12SBR	LBLP24-33MXP2/SR	Luminaires for Ambient Lighting	Standard	Yes	6006	115	3500K — 5000K	15	0.9
S-S12SBR	LBLP24-33MXP2/SR	Low-Bay Luminaires	Standard	Yes	6006	115	3500K — 5000K	15	0.9

Compatible Accessories

Category	Ordering Code	Model No.	Description	Sub-Assembly & Compatible Controllers		
				Ordering Code	Model No.	Description
EM Driver	 EM08	EM08-YTB/60	8W 60Vdc Output			
Motion Sensor	 MSM MSP	MSM-HTI/08P1/BLS MSP-HTI/08P1/BLS	Bi-Level Microwave Sensor Bi-Level PIR Sensor	 RM	RM-HT/06S	H-Series w/ LCD Display
	 MSM/NLC MSP/NLS	MSM-HTI/08P1/NLC MSP-HTI/08P1/NLC	NLC Microwave Sensor NLC PIR Sensor	 DCT DDI	CSR-DCT/2421 CSR-DDI/2421	SIG Mesh to DALi
				 SVV SVVT	RSR-SVV/2421 RSR-SVVT/2421	Networked Relay Device
Flange Kit	 F14 F22 F24	plano-M/F14 plano-M/F22 plano-M/F24	1x4 2x2 2x4			
Surface Mount	 S14 S22 S24	plano-M/S14 plano-M/S22 plano-M/S24	1x4 2x2 2x4			
Suspend Mount	 SUSPN14 SUSPN22 SUSPN24	SUSPN14 SUSPN22 SUSPN24	1x4 2x2 2x4			