ALS®
Advantage Lighting Solutions

LPA-SM SERIES SURFACE MOUNT BACKLIT PANEL

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Low profile extruded aluminum frame, 1.2” thickness, all corners are rounded for safe handling. Designed for Surface Mount application. The backplate includes safety cable for easy installation and added safety feature.



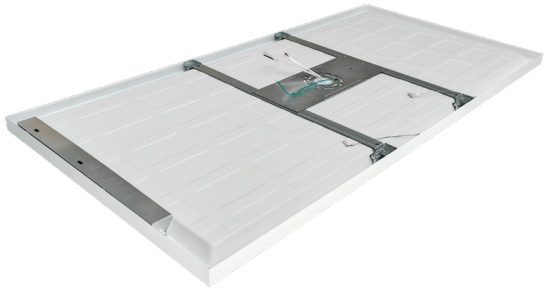
Front

OPTICS

Backlit design provides exceptional lighting distribution. Frosted PMMA lens offers edge to edge illumination without pixilation or bright spots.

ELECTRICAL

80CRI Long-life, high-efficacy, micro-power LEDs, illumination for extended service life. Greater than 70% LED lumen maintenance at 100,000 hours (L70>100,000).
-20°C up to 45°C (-4°F up to 113°F) maximum operating temperature
Selectable lumen and CCT technology allows easy field-adjustable capability, luminaire ships with maximum output and 4000K CCT setting.
All CCTs are within 3 MacAdam ellipses.
Driver operates at 120-277V input, 0-10V dimmable driver.



Back

MOUNTING

Designed for surface mount application.
Safety cables (pair) come standard on mounting bracket.

STANDARD FINISH

90% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.

CERTIFICATION

Option for “Assembled in America” upon request.
IC Rated, suitable for Damp location.
All luminaires are built to UL1598 standards and bear appropriate cULus labels.
For Emergency application, equipment with UL924 certified battery packs.
DLC® Standard (DesignLights Consortium Listed)

WARRANTY

5 year warranty, see Limited Warranty for additional information.

LPA-SM SERIES SURFACE MOUNT BACKLIT PANEL

ORDER INFORMATION — EXAMPLE: LPA-SM 4 BACKLIT

	Series	Model	Finish	Input
Fixture	LPA-SM		blank	blank
Mounting	blank			
Accessories Options				

A SERIES

LPA-SM	Surface Mount Selectable Lumen and CCT Panel

B MODEL

Code	Size	Power	CCT	lm/W (avg.)
1-BACKLIT	1x4	20W / 28W / 34W / 41W	3000K / 3500K / 4000K / 5000K / 6500K	110lm/W
2-BACKLIT	2x2	20W / 28W / 34W / 41W	3000K / 3500K / 4000K / 5000K / 6500K	110lm/W
4-BACKLIT	2x4	28W / 34W / 41W / 50W	3000K / 3500K / 4000K / 5000K / 6500K	110lm/W

C FINISH

blank	White

D INPUT

blank	120-277V, 0-10V Dimming

E MOUNTING

blank	Surface Mount Bracket included

F ACCESSORIES/OPTIONS

BAA	Assembled in America, compliant with BAA (COTS)
EMB-H08170*	90-Minute Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output
EMB-H18170*	90-Minute Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output

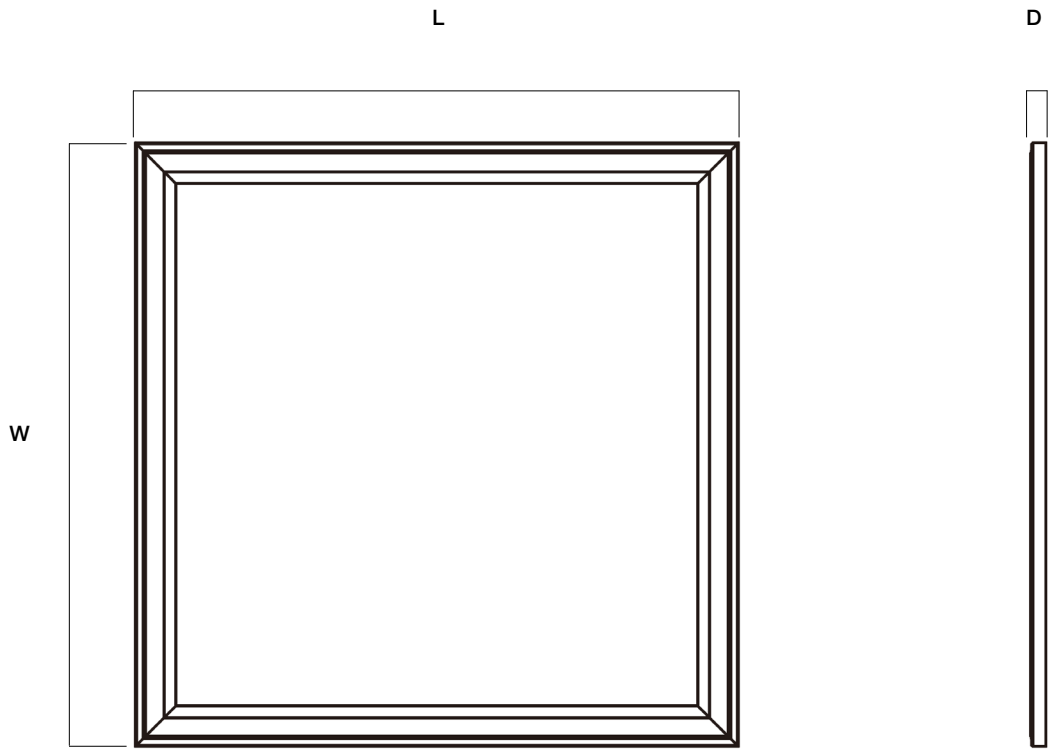
*see page 5 for EMB spec

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Specifications are subject to change without notice

LPA-SM SERIES SURFACE MOUNT BACKLIT PANEL

DIMENSIONS

Model	L	W	D
LPA-SM-1-BACKLIT	47.70” (1212mm)	11.80” (301mm)	1.20” (31mm)
LPA-SM-2-BACKLIT	23.70” (602mm)	23.70” (602mm)	1.20” (31mm)
LPA-SM-4-BACKLIT	47.70” (1212mm)	23.70” (602mm)	1.20” (31mm)



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LPA-SM SERIES SURFACE MOUNT BACKLIT PANEL

PERFORMANCE DATA

SYSTEM WATTS	SIZE	VOLTAGE	LUMEN	LPW
20W	LPA-SM-1-BACKLIT LPA-SM-2-BACKLIT	120-277V 120-277V	2200	110
28W	LPA-SM-1-BACKLIT LPA-SM-2-BACKLIT	120-277V 120-277V	3080	110
34W	LPA-SM-1-BACKLIT LPA-SM-2-BACKLIT	120-277V 120-277V	3740	110
41W	LPA-SM-1-BACKLIT LPA-SM-2-BACKLIT	120-277V 120-277V	4510	110
28W	LPA-SM-4-BACKLIT	120-277V	3080	110
34W	LPA-SM-4-BACKLIT	120-277V	3740	110
41W	LPA-SM-4-BACKLIT	120-277V	4510	110
50W	LPA-SM-4-BACKLIT	120-277V	5500	110

DLC CODE

Part Number	DLC Product ID	DLC Class
LPA-1-BACKLIT (1x4)	S-RTHTM8	Standard
LPA-2-BACKLIT (2x2)	S-QWT7N3	Standard
LPA-4-BACKLIT (2x4)	S-TKNJ0K	Standard

LPA-SM SERIES SURFACE MOUNT BACKLIT PANEL

EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H08170	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
EMB-H18170	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install

