ALS®
Advantage Lighting Solutions

CONTRACTOR SERIES BACKLIT PANEL

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Low profile extruded aluminum frame, all corners are rounded for safe handling. Multiple wiring entrances on driver enclosure for easy access. The backplate includes integral T-bar clips for installation into T-grid ceilings.

OPTICS

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

ELECTRICAL

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). Selectable lumen and CCT technology allows easy field-adjustable capability, luminaire ships with maximum output and 4000K CCT setting.
All CCTs are within 5 MacAdam ellipses, 80CRI.
Driver operates at 120-277V input, 0-10V dimmable driver.

MOUNTING

Designed to accommodate lay-in ceilings, Slot T, and T-bar suspension system for 5/8" and 3/8" width. Built-in earthquake clips come standard.
Optional: Surface/cable mount applications, use surface/cable kit accessories.
Optional: Plaster or sheetrock installations, select flange kit.

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

IC Rated, Suitable for Damp location.
All luminaires are built to UL1598 standards and bear appropriate cETLus labels.
For Emergency application, equipment with UL924 certified battery packs.
DLC® Premium (DesignLights Consortium Qualified)

WARRANTY

5 year warranty, see Limited Warranty for additional information.

SHIPPING DATA

Product	Measurement	Weight
CSP-14 (2-pack)	49"L x 13"W x 3"H	11 lb
CSP-22 (2-pack)	26"L x 26"W x 3"H	10 lb
CSP-24 (2-pack)	49"L x 25"W x 3"H	18 lb

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Specifications are subject to change without notice

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ORDER INFORMATION					EXAMPLE: CSP 24-BACKLIT

Fixture	Series	Model	Finish	Input	
	CSP		blank	blank	

Mounting

Accessories Options

A	SERIES			

CSP	Contractor Series - Backlit Panel

B	MODEL			

CODE	SIZE	POWER	CCT	LM/W (AVG.)
14-BACKLIT	1x4	20W / 25W / 30W / 35W / 40W	3500K / 4000K / 5000K	125lm/W
22-BACKLIT	2x2	20W / 25W / 30W / 35W / 40W	3500K / 4000K / 5000K	125lm/W
24-BACKLIT	2x4	25W / 30W / 35W / 40W / 50W	3500K / 4000K / 5000K	125lm/W

C	FINISH	

blank	White

D	INPUT	

blank	120-277V, 0-10V Dimming

E	MOUNTING	

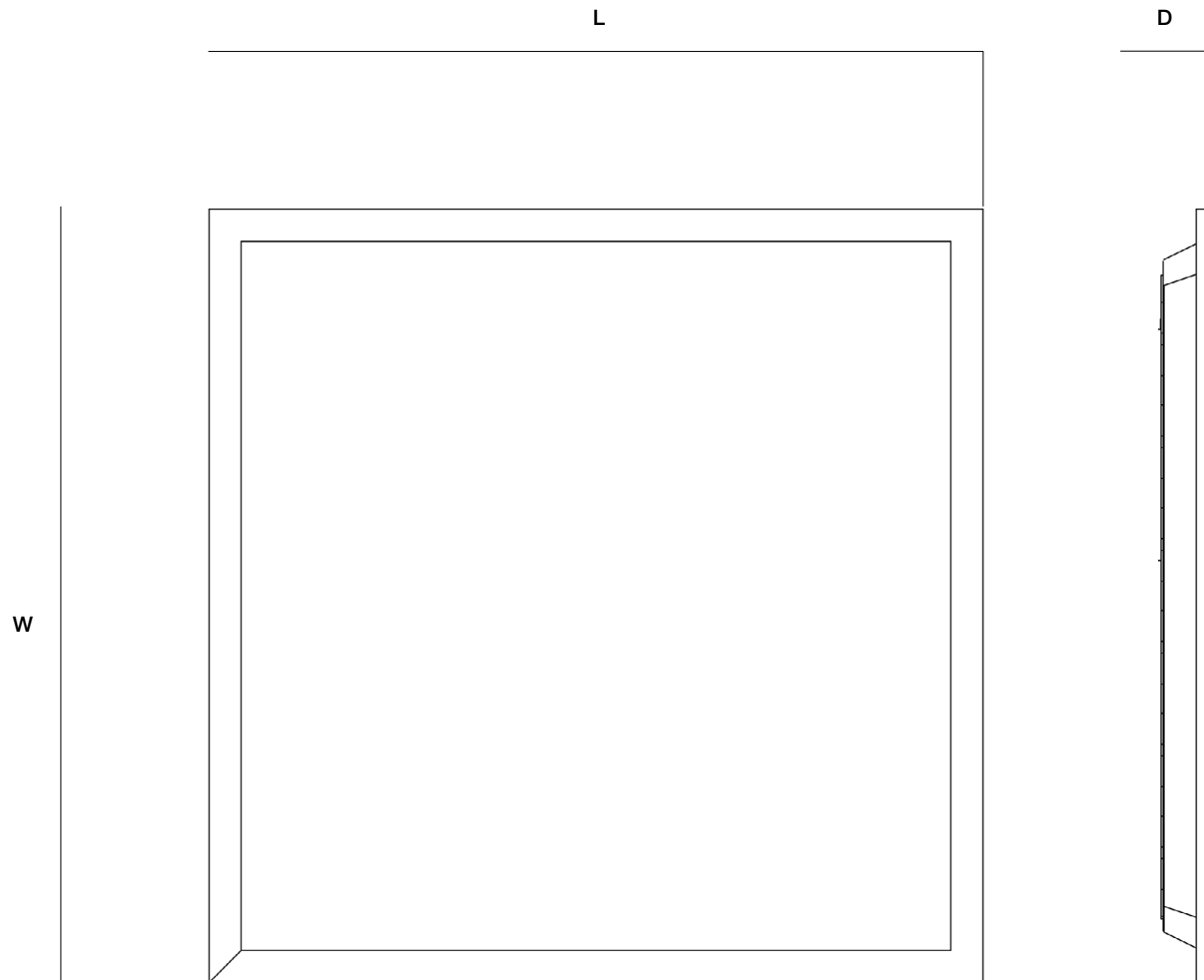| blank	Standard lay-in
MOUNT-LP-14-FGK	1x4 Flange Kit (Plaster, Sheetrock or Drywall)
MOUNT-LP-22-FGK	2x2 Flange Kit (Plaster, Sheetrock or Drywall)
MOUNT-LP-24-FGK	2x4 Flange Kit (Plaster, Sheetrock or Drywall)
MOUNT-LP-14-SMK	1x4 Surface Mount Kit for LPA-1
MOUNT-LP-22-SMK	2x2 Surface Mount Kit for LPA backlit
MOUNT-LP-24-SMK	2x4 Surface Mount Kit for LPA backlit
MOUNT-LP-PMK	Aircraft Cable Pendant Mount

F	ACCESSORIES/OPTIONS	

EMB-H08170*	High Voltage Output Smart Emergency Battery 8W 100-347VAC Input 170VDC Output
EMB-H18170*	High Voltage Output Smart Emergency Battery 18W 100-347VAC Input 170VDC Output

*see page 4 for EMB spec

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DIMENSIONS

Model	L	W	D
CSP-14	47.80" (1214mm)	11.90" (301mm))	1.40" (36mm)
CSP-22	23.70" (603mm)	23.70" (603mm))	1.40" (36mm)
CSP-24	47.80" (1219mm)	23.70" (603mm))	1.40" (36mm)

L

D

W

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PERFORMANCE DATA - CSP

SYSTEM WATTS	SIZE	VOLTAGE	LUMEN	LPW	QTY ON PALLET
20W	CSP-14 CSP-22	120-277V	2,500	125	120 pcs 144 pcs
25W	CSP-14 CSP-22 CPS-24	120-277V	3,125	125	120 pcs 144 pcs 72 pcs
30W	CSP-14 CSP-22 CPS-24	120-277V	3,750	125	120 pcs 144 pcs 72 pcs
35W	CSP-14 CSP-22 CPS-24	120-277V	4,375	125	120 pcs 144 pcs 72 pcs
40W	CSP-14 CSP-22 CPS-24	120-277V	5,000	125	120 pcs 144 pcs 72 pcs
50W	CSP-24	120-277V	6,250	125	72 pcs

DLC CODE

Part Number	DLC Product ID	DLC Class
CSP-14MC-BACKLIT	Pending	Premium
CSP-22MC-BACKLIT	S-QW0FJD	Premium
CSP-24MC-BACKLIT	S-H6NK5B	Premium

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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

KIT

CHARGING INDICATOR TEST SWITCH

Charge Indicator- (Gray)
Test Switch (Yellow)
Charge Indicator (Red)

Green
AC-N (White)
AC-L (Black)

Connect to Wall Switch (Black/White)

WALL SWITCH

EMERGENCY LED DRIVER

No Connect (Orange)

Connect to DIM+ (Dimmer)

DIM+
DIMMER
DIM-

Connect to DIM- (Pink)

OPTIONAL

Connect to Driver N (Blue)

Connect to Driver DIM+ (Purple)

Connect to Driver L (Brown)

Driver N (White)

DIM+

LED DRIVER

DIM-

LED- LED

LED+

Driver L (Black)