

LPNSF SERIES NSF FOOD GRADE PANEL

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Luminaire made of extruded aluminum, corners are rounded for safe handling.
Housing made of cold-rolled carbon steel sheet metal (SPCC) designed for Lay-In
Recessed application, mounting clips included.

OPTICS

Backlit design provides exceptional lighting distribution. Available with
Polycarbonate (PC) and Tempered Glass (TG) Lens options.

ELECTRICAL

80CRI Long-life, high-efficacy, micro-power LEDs, illumination for extended service
life. Greater than 70% LED lumen maintenance at 50,000 hours.
Selectable lumen and CCT technology allows easy field-adjustable capability.
Driver operates at 120-277V input, 0-10V dimmable driver.

MOUNTING

Designed for Lay-in Recessed application.
Suitable for Hard Ceiling, Drywall, T-bar suspension system. Built-in mounting clips
on luminaire housing.

STANDARD FINISH

Antimicrobial White paint, 90% minimum average reflective 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.
NSF Food Rated.
IP65 Rated.
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.



Front



Back



LPNSF SERIES NSF FOOD GRADE PANEL

ORDER INFORMATION				EXAMPLE: LPNSF 2-MC PC WHUD	
Fixture	Series	Model	Lens	Finish	Input
	LPNSF			WH	UD
Accessories Options					

A	SERIES				
	LPNSF	LP Series NSF Food Grade Panel			

B	MODEL				
	STANDARD OUTPUT				
	Code	Size	Power	CCT	lm/W (avg.)
	1-MC	1x4	25W / 30W / 40W	3500K / 4000K / 5000K	110lm/W
	2-MC	2x2	25W / 30W / 40W	3500K / 4000K / 5000K	110lm/W
	4-MC	2x4	30W / 40W / 50W	3500K / 4000K / 5000K	110lm/W
	HIGH OUTPUT				
	Code	Size	Power	CCT	lm/W (avg.)
	1H-MC	1x4	25W / 30W / 40W	3500K / 4000K / 5000K	125lm/W
	2H-MC	2x2	25W / 30W / 40W	3500K / 4000K / 5000K	125lm/W
	4H-MC	2x4	30W / 40W / 50W	3500K / 4000K / 5000K	125lm/W

C	LENS				
	PC	Polycarbonate Lens			
	TG	Tempered Glass Lens			

D	FINISH				
	WH	White			

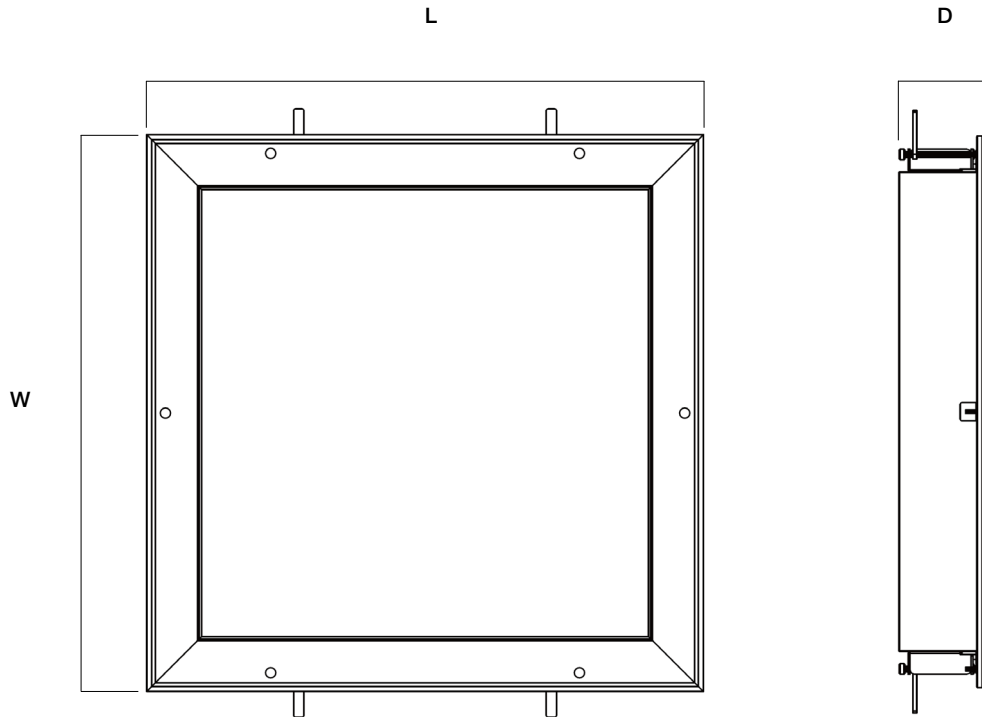
E	INPUT				
	UD	120-277V, 0-10V Dimming			

F	ACCESSORIES/OPTIONS				
	AIA	Assembled in America, compliant with BAA (COTS)			
	EMB-H08170*	120-347V Input External EMB 8W 170VDC Output			
	EMB-H18170*	120-347V Input External EMB 18W 170VDC Output			

*see page 5 for EMB spec

DIMENSIONS

Model	L	W	D	Cut Out
LPNSF-1 / 1H	47.70" (1212mm)	11.74" (298mm)	3.94" (100mm)	10.98" (279mm) x 46.97" (1193mm)
LPNSF-2 / 2H	23.70" (602mm)	23.70" (602mm)	3.94" (100mm)	22.95" (583mm) x 22.95" (583mm)
LPNSF-4 / 4H	47.70" (1212mm)	23.70" (602mm)	3.94" (100mm)	22.95" (583mm) x 46.97" (1193mm)



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PERFORMANCE DATA

SYSTEM WATTS	SIZE	VOLTAGE	3500K		4000K		5000K	
			LUMEN	LPW	LUMEN	LPW	LUMEN	LPW
25W	LPNSF-1 LPNSF-2	120-277V	2622 2622	110 110	2693 2693	113 113	2646 2646	111 111
30W	LPNSF-1 LPNSF-2 LPNSF-4	120-277V	3146 3146	110 110	3232 3232	113 113	3175 3175	111 111
40W	LPNSF-1 LPNSF-2 LPNSF-4	120-277V	4240 4240 4240	110 110	4317 4317 4317	113 113	4240 4240 4240	111 111
50W	LPNSF-4	120-277V	5243	110	5386	113	5291	111
25W	LPNSF-1 LPNSF-2	120-277V	2969 2969	125 125	3016 3016	127 127	2993 2993	126 126
30W	LPNSF-1 LPNSF-2 LPNSF-4	120-277V	3572 3572	125 125	3553 3553	127 127	3615 3615	126 126
40W	LPNSF-1 LPNSF-2 LPNSF-4	120-277V	4831 4831 4831	127 127 127	4691 4691 4691	125 125 125	4856 4856 4856	126 126 126
50W	LPNSF-4	120-277V	5965	125	5969	126	6060	127

DLC CODE

Part Number	DLC Product ID	DLC Class
LPNSF-1 (1x4)	Pending	Standard
LPNSF-2 (2x2)	Pending	Standard
LPNSF-4 (2x4)	Pending	Standard
LPNSF-1H (1x4)	Pending	Premium
LPNSF-2H (2x2)	Pending	Premium
LPNSF-4H (2x4)	Pending	Premium

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

