

PNL | MULTI-SELECT FLAT PANELS

3 SELECTABLE LUMENS | 3 SELECTABLE CCTS

HOUSING

- Aluminum frame and steel housing backplate.
- Premium powder coated white housing.

ELECTRICAL

- Operating temperature (ambient): -20°C to 40°C (-4°F to 104°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- 0-10VDC dimming drivers are standard.
- Input transient surge protection =1kV.
- Optional Emergency drivers are available.
- Type IC-rated.
- PF > 0.9 ; THD < 20%.

OPTICAL SYSTEM

- PMMA (Polymethyl methacrylate) LED lenses for optimal light distribution, efficiency and longevity.
- Field selectable 3500k (warm white), 4000k(neutral white) and 5000k (cool white) color temperatures*.
- Tri-Lumen selectable, outputs range from 2,700 to 4,000 nominal lumens**.
- Long-life LEDs provide 144,000 hours of operation with at least 70% of initial lumen output (L70), and 44,000 hours with at least 90% of initial lumen output (L90)***.
- Uniform illumination with no visible LED pixilation.
- Color rendering index > 80%.

MOUNTING

- Recessed mounting in grid ceilings is standard.
- Standard earthquake clips provide secure installation in grid ceilings.
- Optional Surface Mounting Kits (SMKT-22) and Flange Mounting Kits (FLANGEKIT22-ET) provide for installation on plaster or other hard ceilings.
- Optional Cable Mounting Kits (PNL-CMK) provide additional security, as well as suspended mounting.

WARRANTY

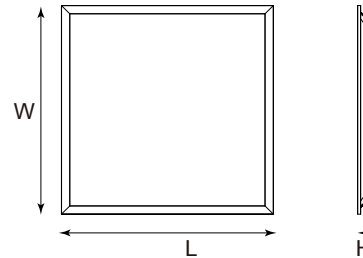
- 5 year warranty on all electronics and housing.

* Default kelvin temperature = 4000k.
 ** Default power setting = highest lumen output.
 ***L70 & L90 hours are IES TM-21-11 calculated hours.



CODE COMPLIANCE

- cULus listed for damp locations and insulated ceilings.
- DLC listed.
- Complies with FCC part 15, class B.



Part #	Model #	L (in)	W (in)	H (in)	Weight (lbs)
PNL2X2-40L-LKFS-PRM	01-112999-000045	23.7	23.7	1.5	4

ORDERING INFORMATION

Example: PNL2X2-40L-LKFS-PRM

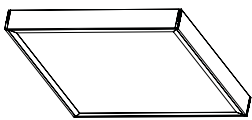
Series	Maximum Lumens	Lumen Output/ Kelvin Selectable		DLC		Emergency Driver
		Lumen selectable	Kelvin selectable			
PNL2X2	40L	LKFS*	4,000lm / 3,600lm / 2,700lm	PRM	Premium	Blank No Emergency Driver
			3500K / 4000K / 5000K			EM10 10W Emergency Driver

* Field Selectable

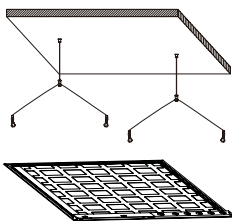
ACCESSORIES (ORDER SEPARATELY)

Catalog Part Number	Order Number	Description
MSFP-SMK-22	70343101	2X2 Multi-Select Flat Panel Surface Mount Kit (White)
MSFP-SUSP-KIT-2C	70346101	2-Cable Suspension Mount Kit (max 3')

Surface Mount Kit Accessory



Suspension Kit Accessory



Surface Mount Kit 2X2

LUMEN TABLES

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
PNL2X2-40L-LKFS-PRM	Lumens	2733	2802	2810	3632	3810	3743	4072	4290	4179
	Watt	20	19	20	28	27	28	32	32	32
	Efficacy	136	145	141	131	142	136	126	135	130

ELECTRICAL DATA

Series	CCT	Input Amps (A)								
		Low Lumens			Mid Lumens			High Lumens		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
PNL2X2-40L-LKFS-PRM	3500K	0.17	0.08	0.07	0.23	0.12	0.10	0.27	0.13	0.12
	4000K	0.16	0.08	0.07	0.23	0.11	0.10	0.27	0.13	0.12
	5000K	0.17	0.08	0.07	0.23	0.12	0.10	0.27	0.13	0.12

PHOTOMETRICS

PNL2X2-40L-LKFS-PRM

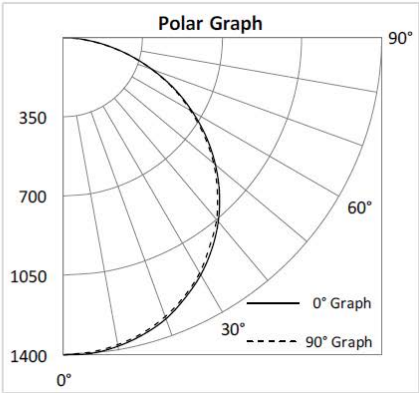
Luminaire Data

Description	Premium Back Lit Panel 2X2 40L 5K - LKFS
Total Lumens	4,179
Input Wattage	32
Efficacy (lm/W)	130
Spacing Criterion (0-180°)	1.3
Spacing Criterion (90-270°)	1.28

Photometrics calculated at
5000k-high lumens setting

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	514	12.3%
0-30°	1,098	26.3%
0-40°	1,810	43.3%
20-50°	2,043	48.9%
40-70°	1,962	46.9%
0-60°	3,240	77.5%
0-80°	4,087	97.8%
0-90°	4,175	99.9%
90-180°	4	0.1%
0-180°	4,179	100.0%



COMPATIBLE EMERGENCY DRIVERS-INSTALLED

Emergency Driver Part Number	EM10	
Model	Watts	EM Lumens
PNL2X2-40L-LKFS-PRM	10	1300