

NFP-EL

Edge-Lit Flat Panel

DESCRIPTION

This versatile edge-lit LED flat panel offers field-selectable color temperatures (3500K, 4000K, and 5000K) and adjustable lumen outputs ranging from 2,400 to 6,000 nominal lumens for optimal illumination. With a universal voltage range of 120-277V, standard 0-10V dimming, and easy installation options, it's perfect for both new construction and retrofit projects. Its durable aluminum frame, steel housing, and PMMA lenses provide efficiency, longevity, and secure mounting in grid or suspended ceilings, with a surface mounting kit available separately.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

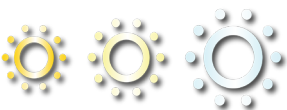
ORDERING INFORMATION

LUMINAIRE							
MODEL	SIZE	POWER	CCT	CONTROL	VOLTAGE	FINISH	OPTION
NFP-EL Nordeon Edge-Lit Flat Panel	2X2 2' x 2'	SW Power Selectable	SK CCT Selectable 35/40/50K	DIM 0-10V Dimming	UNV 100-277V	WH White	EM Emergency Battery Backup Field Installed
	2X4 2' x 4'					CC Custom RAL Color	

Custom solutions are available; consult factory for availability. Factory assistance is available via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.



SELECTABLE
POWER & CCT



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		2x2'	2x4'
PHYSICAL	HOUSING	Ultra-Slim Aluminum Frame	
	LENS	Translucent Polycarbonate Diffuser	
	OVERALL DIMENSIONS	23.75" L x 23.75" W	23.75" L x 47.75" W
	OPERATING TEMPERATURE	-4°F to 113°F	
	FINISH	White Powder Coat	
	WEIGHT	6.8 Pounds	12.8 Pounds
	FACTORY PRESETS	4000K and 40 Watts	

ELECTRICAL	POWER (field selectable)	20/30/40 Watts		30/40/50 Watts	
	CURRENT	20 Watts	30 Watts	40 Watts	50 Watts
		0.17 Amps at 120 Volts 0.07 Amps at 277 Volts	0.25 Amps at 120 Volts 0.11 Amps at 277 Volts	0.33 Amps at 120 Volts 0.14 Amps at 277 Volts	0.42 Amps at 120 Volts 0.18 Amps at 277 Volts
	VOLTAGE	Universal 100 to 277 Volts			
	DRIVER	External UL Listed Class-2 Constant Current Driver			
	CONTROL	0-10v Dimming			
	FREQUENCY	50/60Hz			
	POWER FACTOR	> 0.99			

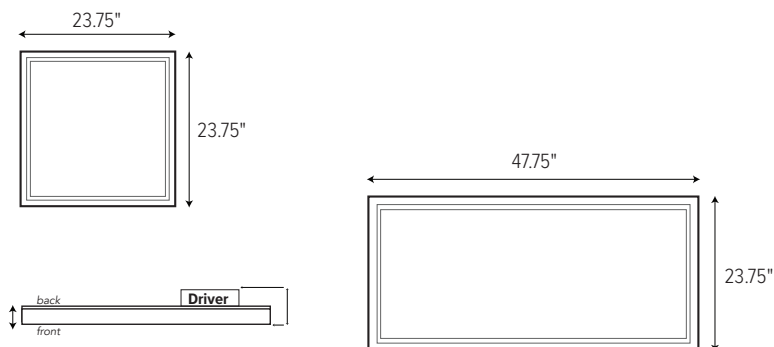
PHOTOMETRIC	LED	Field-Selectable 3000, 3500K, 4000K, 5000K			
	DIMMING RANGE	100% to 0%			
	COLOR RENDERING INDEX	> 80			
	BEAM ANGLE	110°			
	DELIVERED LUMEN OUTPUT (±5%) Note: Values based on 120 LPW & Edge-Lit Optic	20 Watts	30 Watts	40 Watts	50 Watts
		2400 Lumens	3600 Lumens	4800 Lumens	6000 Lumens
	EFFICACY	Up to 120 Lumens per Watt			
	LUMEN MAINTENANCE	L70 > 50,000 Hours at 77°F*			

CERTIFICATIONS	SAFETY	cUL-US Listed, RoHS Compliant
	INGRESS PROTECTION	IP20
	WARRANTY	Five-Year Limited Warranty



* LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Values are conservatively derived from those numbers.

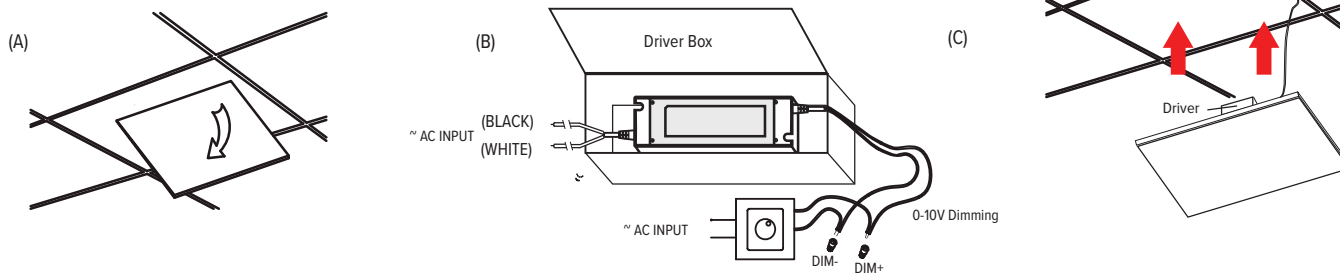
DIMENSIONS



INSTALLATION INSTRUCTIONS

Retrofit Procedure:

1. Turn OFF power to the fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes and dispose of these properly as they may contain mercury.
4. Remove the ballast cover and disconnect host fixture ballast from main.
5. Remove the fixture (A).
6. Open Driver box and connect AC wires and dimming wire (B).
7. Lay-in Panel into the ceiling (C).
8. Switch ON power to the fixture at the breaker panel



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ACCESSORIES

NFP-SMK-2X2
Surface Mount Kit for 2' x 2' Flat Panels



NFP-SMK-2X4
Surface Mount Kit for 2' x 4' Flat Panels



KIT INCLUDES:

- Surface Mount Kit
- Assembly Screws
- Anchoring Screws

WHAT YOU'LL NEED (NOT INCLUDED):

- Wiring supplies as specified by code
- LED Flat Panel fixture

Number	A	B	C	D
Accessories				
Quantity	2pcs	2pcs	8pcs	6pcs