

# FLAT PANEL

## Advanced Edge Lit

The Nordeon Flat Panel is a versatile and high efficacy flat panel troffer perfect for offices, schools, retail locations, healthcare facilities, and multi-use spaces with drop ceiling mounting. Our flat panel uses a SMD2835 edge-lit LED array with translucent diffuser to provide uniform illumination and cost savings. Delivering the needed lumens at desk level, the flat panel has a eye-friendly emitting surface with 120 degree distribution and color temperatures from 3500K-5000K to fit all general lighting needs. Our 5 year warranty and simple installation make the Nordeon Flat Panel an easy and effective choice.



Date: \_\_\_\_\_ Type: \_\_\_\_\_ Catalog Number: \_\_\_\_\_

Project Name: \_\_\_\_\_



### ORDERING INFORMATION

LUMINAIRE					
FIXTURE	SIZE	LUMEN PACKAGE <sup>1</sup>	CCT	VOLTAGE	
NFP1 Flat Panel	1x4	HO 5100 Lumens	40K 4000K	UNV 120-277v	
		LO 2700 Lumens	50K 5000K		
	2x2	MO 4000 Lumens			
		HO 5100 Lumens			
	2x4	HO 5300 Lumens			
		XO 6300 Lumens			

SURFACE MOUNT KIT	
MODEL	SIZE
NFP-SMK Flat Panel Surface Mount Kit	2x2 For 2x2' NFP1
	2x4 For 2x4' NFP1

<sup>1</sup>Lumen values shown are nominal. See Lumen Output Table for actual lumen values.

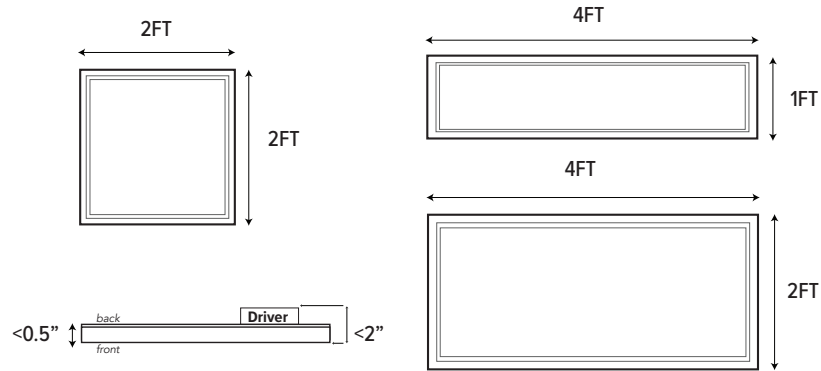
## PRODUCT SPECIFICATIONS

<b>LUMEN OUTPUT</b>	2630-6248 lumens
<b>EFFICACY</b>	Up to 132 lumens per watt
<b>LUMEN MAINTENANCE</b>	(L70): >50,000 hours @ 25°C
<b>COLOR TEMPERATURES</b>	Static White 4000K, & 5000K
<b>BEAM ANGLE</b>	111°
<b>CRI</b>	>80 CRI
<b>OPERATION TEMPERATURE</b>	-20°C to 50°C (-4°F to 122°F)
<b>INPUT VOLTAGE</b>	100-277VAC 50/60Hz; PF>.99
<b>POWER CONSUMPTION</b>	20W-50W depending on model
<b>CONTROL</b>	0-10V dimming
<b>INGRESS PROTECTION</b>	IP20
<b>CERTIFICATIONS</b>	 
<b>CONSTRUCTION</b>	Ultra-slim Aluminum Frame - <0.5inch thick
<b>DRIVER</b>	External UL Listed Class-2 Constant Current Driver
<b>LEDs</b>	SMD 2835 LED chips

LUMEN OUTPUT TABLE <sup>2</sup>							
Lumen Package	Wattage	1X4'		2X2'		2X4'	
		Lumens	Lumens per Watt	Lumens	Lumens per Watt	Lumens	Lumens per Watt
LO	20			2630	132		
MO	30			3930	131		
HO	40	5098	128	5080	127	5255	131
XO	50					6248	125

<sup>2</sup> Values are based on full output at 5000K and 120VAC.

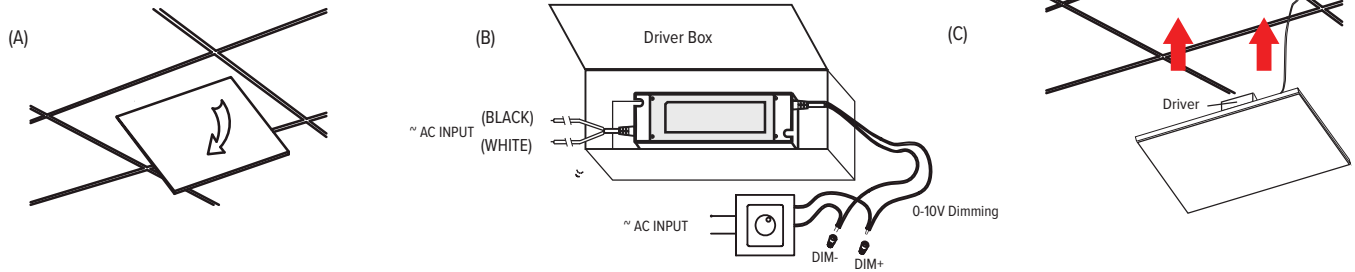
## DIMENSIONS



## 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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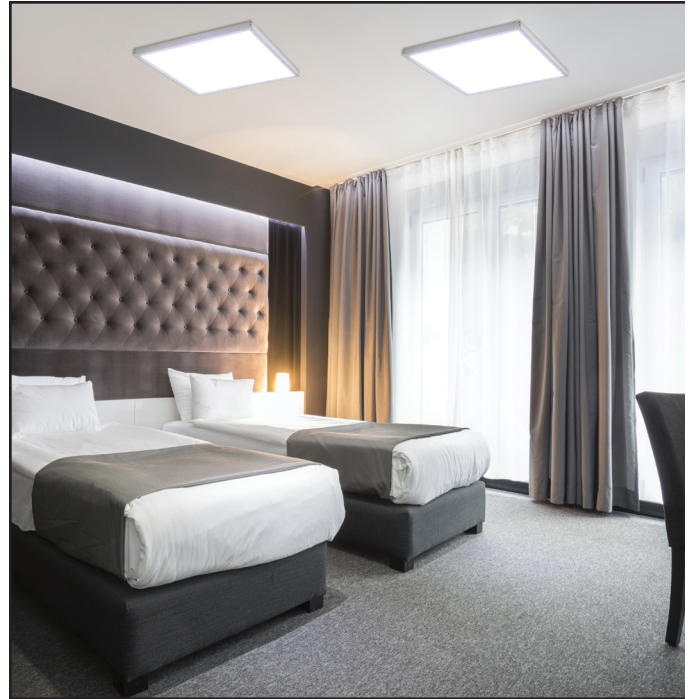
## SURFACE MOUNTING KIT

Surface Mount Kit for 2x2 or 2x4 LED Flat Panels.

2x2 KIT



2x4 KIT



### 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