

# LED FLAT PANEL

## Advanced Edge Lit



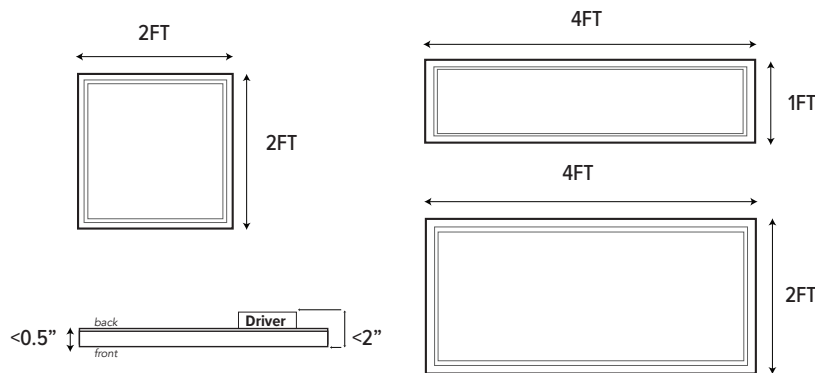
The Nordeon Flat Panel is a versatile and high efficacy flat panel troffer perfect for offices, schools, retail locations, healthcare facilities, and multi-use spaces with drop ceiling mounting. Our flat panel uses a SMD2835 edge-lit LED array with translucent diffuser to provide uniform illumination 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 3000K-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: \_\_\_\_\_

### DIMENSIONS




### WATTS / LUMENS @ 5000K, 120VAC

SIZE	WATTS	LUMENS
1X4	40W	5098lm
2X2	20W	2630lm
2X2	30W	3930lm
2X2	40W	5080lm
2X4	40W	5255lm
2X4	50W	6248lm

### ORDERING INFORMATION

LUMINAIRE				
FIXTURE	SIZE	CCT	DRIVER	FINISH
NFP1 Flat Panel	1x4/40W	30K 3000K	UNV 100-277V	WHT White (Standard)
	2x2/20W	35K 3500K		
	2x2/30W	40K 4000K		
	2x2/40W	50K 5000K		
	2x4/40W			
	2x4/50W			

## PRODUCT SPECIFICATIONS

<b>LUMEN OUTPUT</b>	2630-6248 lumens
<b>EFFICACY</b>	125 LPW
<b>LUMEN MAINTENANCE</b>	(L70): >50,000 hours @ 25°C
<b>COLOR TEMPERATURES</b>	3000K, 3500K, 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

## 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

