

NPD-E22, NPD-E14, NPD-E24

2'x2', 1'x4', 2'x4' Edge-Lit LED Panel Light

Source: 96, 186, 192 White LEDs Diffused White Lens

PRODUCT DESCRIPTION

N-Spec's new Edge-Lit LED panel light consist of an Aluminum enclosure with even light distribution using edge mounted LEDs. The white diffused lens optimizes output while difusing LED diode image. The Edge-Lit panels produce even zonal cavity distribution.

FEATURES

- 3300 Lumens output with 38W (2'x2')
- 3300 Lumens output with 36W (1'x4')
- 5000 Lumens output with 59.5W (2'x4')
- 3000K, 3500K, 4000K or 5000K Color Temperature
- Fits most 2'x2', 1'x4' or 2'x4' grid ceilings
- Surface, Pendant and Hard ceiling recessed kits available
- Dimmable with compatible 0-10V dimmer
- 100/277V
- cULus -- damp location Listed; CEC and DLC Listed

CONSTRUCTION

Two LEDs strips mounted on edges enclosed in Aluminum frame with smooth opalescent acrylic lens. White opalescent acrylic lens with a full aluminum back. The construction seals the conditioned air from the plenum or non-conditioned air, eliminates bugs or dirt getting to top of lens. Saves on maintenance cost.

INSTALLATION

J-Box is mounted on the back of panel and includes replaceable driver and has KOs for Romex or Flex wiring. Which is accessible via a service door secured with two screws.

DRIVER

- Dimmable high power factor 100/277V input. Dimmable down to 5% with compatible 0-10V dimmer.

Bodine Emergency Lighting Equipment: BSL17C-C2P (2000/3000lm)

- Up to 7.0W max emergency illumination with LEDs.
- Illumination Time: 90min
- Dual Input Voltage: 120/277 VAC, 60Hz
- Output Voltage: 15.0-50.0 VDC
- AC Input Current: 280 mA
- Output Current: 270mA max
- Dimension: 12" x 2.4" x 1.5"

Tested Dimmers	Model Number
Lutron Nova T	NTFTV/MFTV
Lutron Diva	DVTV
Leviton Illumatech	IP710-DLZ

ELECTRICAL

Power: (2'x2') 38 Watt, (1'x4') 36Watt, (2'x4') 59.5 Watt

Light Source: (2'x2') 96 White LEDs, (1'x4') 186 White LEDs, (2'x4') 192 White LEDs

Operating Temperature: 0°C ~ 45°C

Life Expectancy: 50,000 Hours

Luminous Flux: (2'x2') 3300, (1'x4') 3130, (2'x4') 5000

Tested CCT: (2'x2') 3057K, (1'x4') 2860K, (2'x4') 3114K

CRI: (2'x2') 82, (1'x4') 80.3, (2'x4') 83

Voltage: 100/277V

Frequency: 60Hz

LED Edge-Lit Flat Panel Diffused Lens

Catalog No.	Wattage	Color Temp.	Finishes	Emergency Option
NPD-E22	38W	30 = 3000K	A = Aluminum	EM = Emergency
NPD-E14	36W	35 = 3500K		
NPD-E24	59.5W	40 = 4000K 50 = 5000K		

Example: **NPD-E22/50A** - 2'x2' LED Edge-Lit Flat Dimmable Panel, 5000K, Aluminum finish

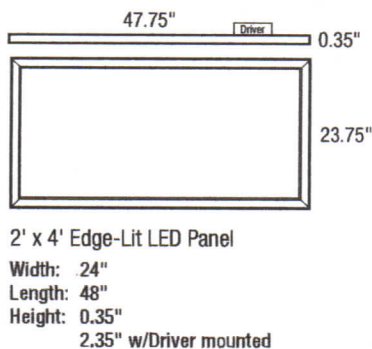
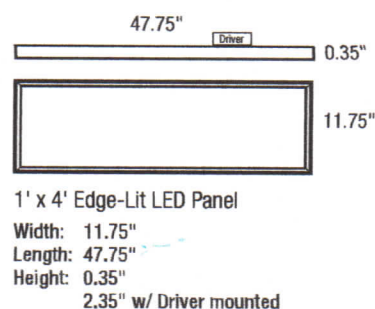
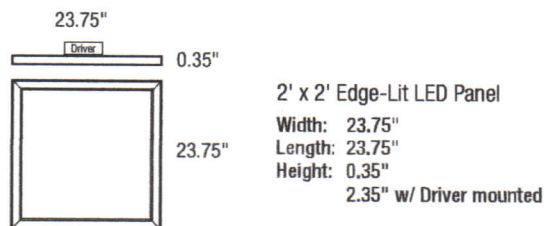
Type

Project

Catalog No.

Lamp/Wattage

DIMENSIONS



LABELS AND LISTINGS

cULus Listed
DLC Listed
10 Year Limited Warranty*
*5 Year Limited Warranty on Driver



Optional Accessory

Catalog No.	Description
NPD-22RFK/A	2'x2' NPD Recessed Mounting Kit
NPD-14RFK/A	1'x4' NPD Recessed Mounting Kit
NPD-24RFK/A	2'x4' NPD Recessed Mounting Kit
NPD-22DFK/A:	2'x2' NPD Surface Mounting Frame
NPD-14DFK/A:	1'x4' NPD Surface Mounting Frame
NPD-24DFK/A:	2'x4' NPD Surface Mounting Frame
NPD-PK:	NPD Pendant Mount Kit. Includes Canopy, Cord and Cables

