

NORA<sup>®</sup>  
LIGHTING

LED PANELS  
BACK-LIT OR EDGE-LIT





**Visual Uniformity**

LED panels blend with various ceiling details and produce a soft natural light.

**Versatile Design**

LED Panels are available in multiple color temperatures, lumen packages, sizes and control options to meet most design package applications.

**Opalescent Optics**

Even glare free spacial illumination providing usable foot-candles.

**LED Efficiency**

High lumen LED efficacy paired with high power factor drivers reduce operating cost. Sealed units and longer initial lumens mean lower maintenance cost.

**Maintained Initial Lumen Savings**

LED Panels come on instantly to full brightness thereby reducing the quantity of fixtures required to meet maintained FC levels. Excellent when considering occupancy sensing control in public areas.

**Control Flexibility**

LED Panels are dimmable with compatible 0-10V dimmers. Additionally they can be controlled by occupancy sensors, daylighting, and lighting relay panels.

# LED Panels

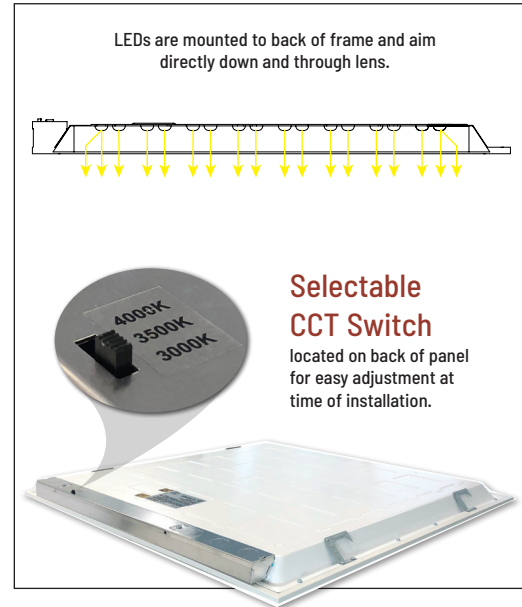
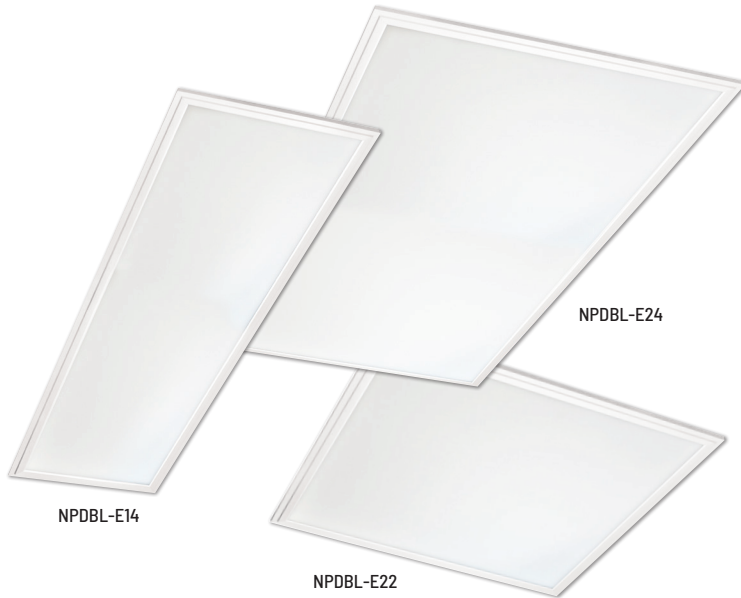
## Backlit or Edge-Lit

For Retrofit, New Construction and Remodel applications in commercial, retail and high-end residential.

LED Panels effectively deliver ambient upper light while also projecting foot candles to the work surface. These energy efficient luminaires are an excellent choice for offices, retail stores, conference rooms, libraries, hospitals and other indoor applications where long life and uniform illumination is required.

# BACKLIT PANELS

LEDs are mounted on the back of the frame, pointing directly out for optimal light output. The diffused lens ensures smooth, glare-free illumination with no diode image.

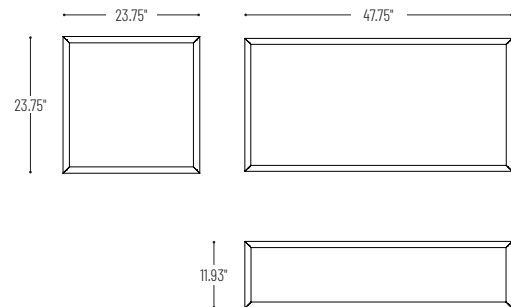


BACKLIT PANELS			
LED TYPE / SIZE / LUMENS / WATTAGE	COLOR TEMPERATURE	FINISH	EMERGENCY
<b>NPDBL-E14</b> Back-Lit / 1' x 4' / 3500lm / 30W	<b>/345</b> Tunable White (3500K/4000K/5000K)	<b>W</b> White	<b>EM</b> Emergency with Remote Test Switch
<b>NPDBL-E22</b> Back-Lit / 2' x 2' / 3500lm / 30W	<b>/345</b> Tunable White (3000K/3500K/4000K)	<b>W</b> White	<b>EM</b> Emergency with Remote Test Switch
<b>NPDBL-E24</b> Back-Lit / 2' x 4' / 5600lm / 45W	<b>/50</b> Dedicated 5000K		

*Example: NPDBL-E22/345W - 2' x 2' LED Back-Lit Panel, 3500lm / 30W, Tunable White (3000K, 3500K, 4000K), White Finish*

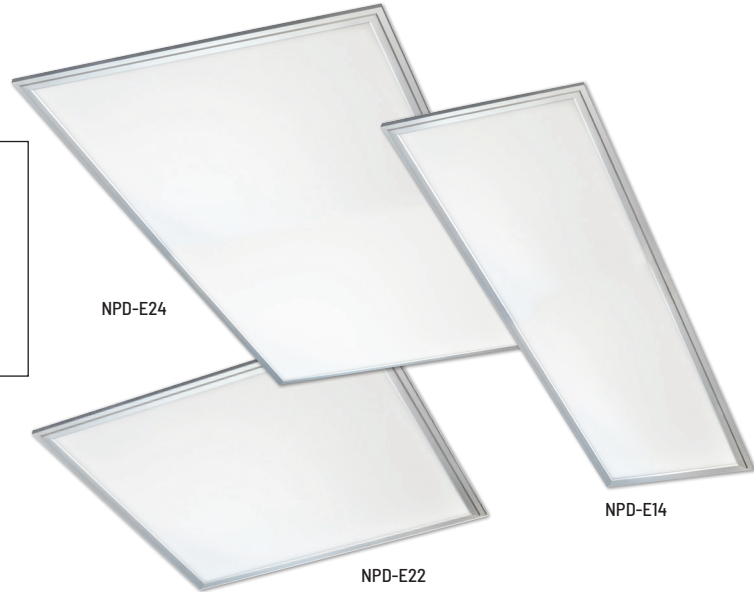
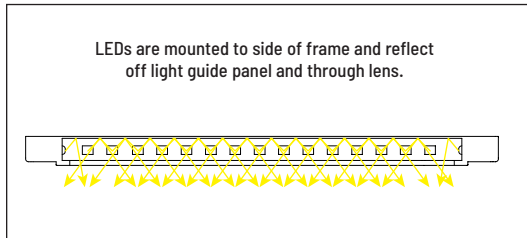
## DESIGN PERFORMANCE FEATURES:

- 2' x 2', 1' x 4' and 2' x 4' configurations
- Field selectable CCT (3000K, 3500K, 4000K) or dedicated 5000K
- Back-Lit LED Technology
- Diffused white opalescent lens optimizes output while reducing diode image
- Sealed optics require no maintenance
- Replaces 2' x 2', 1' x 4' or 2' x 4' ceiling panels for easy installation
- White frame
- Mounting kits available for pendant, surface or recessed hard ceiling
- Dimmable down to 5% with compatible 0-10V dimmer
- L70 at 50,000 hours
- 5-Year limited warranty
- cULus Listed for Damp Location
- DLC Listed



# EDGE-LIT PANELS

LEDs are mounted on the edge of the frame, emitting light sideways. A light guide panel disperses the light to produce perfectly smooth, even illumination.

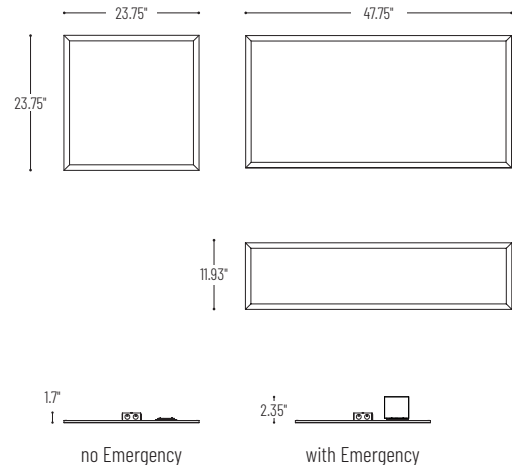


EDGE-LIT PANELS			
LED TYPE / SIZE / LUMENS / WATTAGE	COLOR TEMPERATURE	FINISH	EMERGENCY
<b>NPD-E22</b> Edge-Lit / 2' x 2' / 3500lm / 35W	<b>/30</b> 3000K	<b>A4HL</b> Aluminum	<b>EM</b> Emergency with Remote Test Switch
<b>NPD-E14</b> Edge-Lit / 1' x 4' / 3500lm / 34W	<b>/35</b> 3500K		
<b>NPD-E24</b> Edge-Lit / 2' x 4' / 5000lm / 45W	<b>/40</b> 4000K <b>/50</b> 5000K		

*Example: NPD-E22/40A4HL - 2' x 2' LED Edge-Lit Panel, 3500lm / 35W, 4000K, Aluminum Finish*

## DESIGN PERFORMANCE FEATURES:

- 2' x 2', 1' x 4' and 2' x 4' configurations
- Dedicated 3000K, 3500K, 4000K or 5000K
- Edge-Lit LED Technology
- Diffused white opalescent lens optimizes output while reducing diode image
- Sealed optics require no maintenance
- Replaces 2' x 2', 1' x 4' or 2' x 4' ceiling panels for easy installation
- Aluminum frame
- Mounting kits available for pendant, surface or recessed hard ceiling
- Dimmable down to 5% with compatible 0-10V dimmer
- L70 at 50,000 hours
- 5-Year limited warranty
- cULus Listed for Damp Location
- DLC Listed



# LED PANEL ACCESSORIES



## Surface Mounting Frame for LED Panels

<b>NPD-14DFK/A</b>	1' x 4', Aluminum finish
<b>NPD-14DFK/W</b>	1' x 4', White finish
<b>NPD-22DFK/A</b>	2' x 2', Aluminum finish
<b>NPD-22DFK/W</b>	2' x 2', White finish
<b>NPD-24DFK/A</b>	2' x 4', Aluminum finish
<b>NPD-24DFK/W</b>	2' x 4', White finish

Clean sharp edges in a natural aluminum or white finish. Frame mounts over an existing junction box and panel slides into place. Surface frame extends only 2.5" from the ceiling. May be used with NPD-PK pendant kit.



## Recessed Mounting Kit for LED Panels

<b>NPD-14RFK/W</b>	1' x 4', White flange
<b>NPD-22RFK/W</b>	2' x 2', White flange
<b>NPD-24RFK/W</b>	2' x 4', White flange

The white finished flange kit consist of four pieces. The assembled frame installs into a hard ceiling. The LED panel lifts and shifts in the frame ending in a finished flush appearance.



## Universal Pendant Mounting Kit for LED Panels

<b>NPD-PK</b>	Aluminum finish
<b>NPDBL-PKW</b>	White finish

Allows LED panel to be suspended as a pendant. Brushed aluminum finished canopy has four hanging points for 2x2 unit and six for 1x4 and 2x4 units. Grip lock fasteners allow field adjustment of cables from 12" to 96". Canopy includes an 8' power cord that can be shortened in the field. Pendant kit may be used with surface frame as shown above.



## 4 Junction Box for Daisy Chaining

<b>NPDBL-JB4X4</b>	For use with Back-Lit LED Panel
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Junction box mounts on panel to allow them be daisy chained together on the same switch.





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