

NPDBL/MS

LED Backlit Panels with Selectable CCT & Motion Sensor

Source: 30W to 45W LED
3500lm to 5700lm

PRODUCT DESCRIPTION

LED Backlit can be utilized in offices, conference rooms, libraries and other tasks areas where general illumination is desired. The white diffused lens optimizes output while diffusing LED diode image.

SPECIFICATION

Construction: An array of LEDs are mounted on the back of aluminum frame. White opalescent diffused lens optimizes output while reducing LED diode image. The construction seals the conditioned air from the plenum or non-conditioned air, eliminates bugs or dirt getting to top of lens for savings on maintenance cost.

Lens: PMMA (Polymethyl methacrylate) lens is lightweight and shatter resistant.

Clearance: "IC" Insulated ceiling housings are direct contact rated. **Not to be used in direct contact with spray foam insulation.**

Installation: The luminaire fits into standard $1\frac{5}{16}$ " and narrow $\frac{9}{16}$ " T-grid ceiling systems. Wiring compartment is on the back of panel and includes replaceable driver, which is accessible via a service door secured with two screws. Wiring compartment consists of three $\frac{1}{2}$ " knockouts for romex or flex wiring.

Motion Sensor: Microwave motion sensor can detect motion under the luminaire. Integral switches allow functionality to be changed in the field. Motion Sensor is preset at 100% sensitivity, 5s hold time, Disable daylight threshold, stand-by time off, and 10% dimming level. (See installation sheet for other setting). After each power cycle, the fixture will perform a start-up cycle and resume normal operation.

ELECTRICAL

Input: 120-347V (120-277V with emergency battery)

Lumens / Wattage:

2' x 2': 3500lm / 30W
1' x 4': 3500lm / 30W
2' x 4': 5600lm / 45W

Color Temperature:

Selectable CCT: 3000K / 3500K / 4000K

Color Rendering Index: 80+CRI

Operating Temperature: 0°C to 45°C

Lifetime: 60,000 hours @ L70

Dimming: Non-Dimmable

[Click Here](#) or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

ACCESSORIES

NPDBL-JB4X4: 4" Junction Box to allow panels to be daisy chained (4-in / 4-out)

NPDBL-14DDFK/W: 1x4' Surface Mount Frame

NPDBL-22DDFK/W: 2x2' Surface Mount Frame

NPDBL-24DDFK/W: 2x4' Surface Mount Frame

NPDBL-14RFK/W: 1x4' Recessed Mounting Kit to allow panels to be recessed into hard ceiling

NPDBL-22RFK/W: 2x2' Recessed Mounting Kit to allow panels to be recessed into hard ceiling

NPDBL-24RFK/W: 2x4' Recessed Mounting Kit to allow panels to be recessed into hard ceiling

NPDBL-PKW: Pendant Mounting Kit to suspend panels from monopoint canopy

LABELS AND LISTINGS

- cULus Listed for Damp Locations
- [5-Year Limited Warranty](#)
- DLC Listed
- FCC certified
- RoHS compliant



LED Backlit Panels with Selectable CCT & Motion Sensor *

Size / Lumens / Wattage

NPDBL-E14/334WMS = 1' x 4' / 3500lm / 30W
NPDBL-E22/334WMS = 2' x 2' / 3500lm / 30W
NPDBL-E24/334WMS = 2' x 4' / 5600lm / 45W

* PACKAGED AND SOLD IN MULTIPLES OF TWO

Example: **NPDBL-E24/334WMS** = 2' x 4' LED Backlit Panel with Selectable CCT & Motion Sensor, 5600lm / 45W, White finish

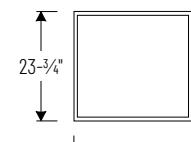
Type

Project

Catalog No.

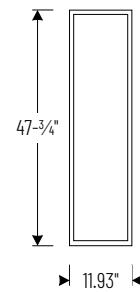
Notes

PRODUCT IMAGES AND DIMENSIONS

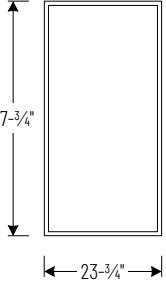


Selectable CCT
4000K
3500K
3000K

NPDBL-E22
2' x 2' LED Backlit Panel



NPDBL-E14
1' x 4' LED Backlit Panel



NPDBL-E24
2' x 4' LED Backlit Panel



Optional Accessories

Accessories for all sizes

NPDBL-JB4X4 = 4" Junction Box for Daisy Chaining

NPDBL-PKW = Pendant Mounting Kit

Panel Size

Accessory Type

NPDBL-14 = 1' x 4'

DDFK/W = Surface Mount

NPDBL-22 = 2' x 2'

RFK/W = Recessed Mounting Kit

NPDBL-24 = 2' x 4'

NPDBL/MS

LED Backlit Panels with Selectable CCT & Motion Sensor Accessories

Type

Project

Catalog No.

Notes



Surface Mounting Frame

NPDBL-14DDFK/W 1' x 4' / White Finish
NPDBL-22DDFK/W 2' x 2' / White Finish
NPDBL-24DDFK/W 2' x 4' / White Finish

The frame mounts over an existing junction box and the panel slides into place. Surface mounting frame extends 4.33" from the ceiling. Can be used with NPDBL-PKW pendant kit.

Note: Junction box must be off center frame.



Recessed Mounting Kit

NPDBL-14RFK/W 1' x 4' / White Finish
NPDBL-22RFK/W 2' x 2' / White Finish
NPDBL-24RFK/W 2' x 4' / White Finish

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



Pendant Mounting Kit

NPDBL-PKW White Finish

Allows LED panels to be suspended as a pendant. Grip lock fasteners allow for easy 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 mount frames for an alternative appearance.

Canopy Dimension: 6" width / 0.75" height / 8'-6" cord & cable



4" Junction Box for Daisy Chaining

NPDBL-JB4X4

Junction box mounts on panel to allow them be daisy chained together on the same switch (4-in / 4-out)