

# PLNX-2

LED PANEL

Designlights Consortium™ qualified as luminaires for ambient lighting of interior commercial spaces

Type: \_\_\_\_\_

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

**Delivered Lumens:**  
up to 4620 lm

**Input Wattage:**  
40W

**Efficacy:**  
117 lm/W

**Colour Temperatures:**  
3500K, 4000K, 5000K

**Projected Lumen Maintenance:**  
L<sub>70</sub> @ 50,000 hrs.



Low profile frame is just 0.5" thick

Layers of light-shaping diffusers for uniform light distribution

White powder coated extruded aluminum frame

Built in 2-in-1 dimming function is standard on 2'x2'

AVAILABLE in 1x1, 1x4 & 2x4

Suitable for use in insulated ceilings and damp locations

The PLANEX® is ideal for hospitality, healthcare, offices, banks, retail, hotels, restaurants and schools

## Configurations

MODEL	SIZE	COLOUR TEMP	INPUT
PLNX	2 ('2 x 2')	WT35 (3500K)	120-277V
		WT40 (4000K)	120-347V
		WT50 (5000K)	

NOTE¹: Onboard 120-34V driver. Longer lead time for some models.

## Accessories\*

MOUNTING	OPTIONS	OPTIONS
SPS (50" aircraft cable)	SPCW (spiral cord white)	²347V
SM (surface mount)	SPCB (spiral cord black)	
RM (recessed mount)		

NOTE\*: order separately; NOTE²: 347V stepdown transformer to be installed in a box provided by the customer.

### MECHANICAL:

Extruded aluminum frame with a white powder coat finish.

### ELECTRICAL:

Driver operates 100V-277V, or 120-347V, 50-60Hz. Optional 347V transformer is available - sold separately. For transformer sizes, consult factory.

### INPUT POWER:

40W for the 2x2.

### DIMMING:

Built-in 0-10V and PWM dimming functions. Dimming range is 5-100%.

### LEDS:

White LEDs are offered in 3500K, 4000K & 5000K colour temperatures. Over 50,000 hour LED life at L70.

### DIFFUSION:

Layers of light shaping diffusers provide effective and uniform light distribution without glare or hot spots.

### MOUNTING:

Shipped separately: grid ceilings (standard), 50" Adjustable Suspension Mount kit (SPS), Surface Mount kit (SM) for wall or ceiling, Recessed Mount kit (RM) for drywall - wall or ceiling.

### OPERATING TEMPERATURE:

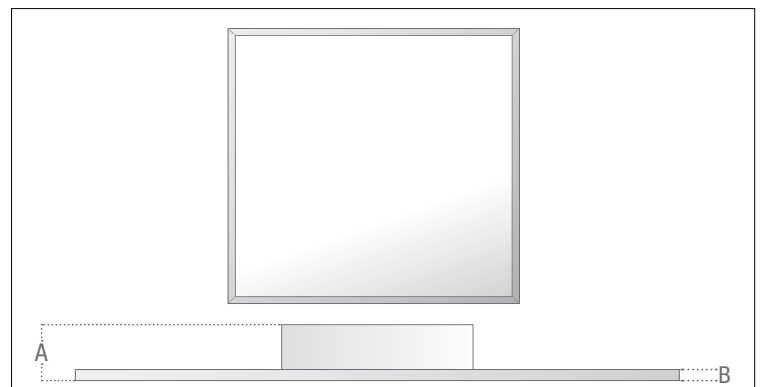
-20°C to 40°C

### WARRANTY:

5 year warranty, see website for full warranty details.

## Dimensions

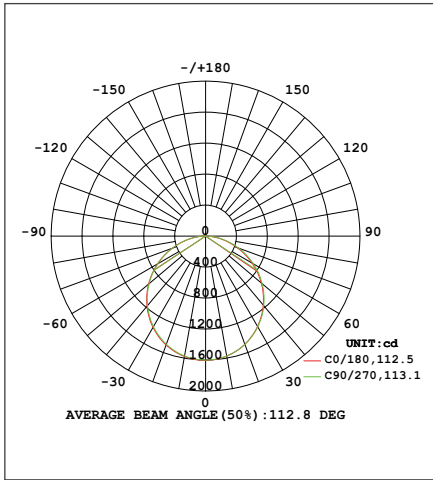
SIZE	A		B	
2x2	603mm (23.8")	603mm (23.8")	46mm (1.8")	13mm (0.5")



To determine which models are DLC listed please visit [www.designlights.org](http://www.designlights.org)

**PLANEX-2-WT50-120/277V**

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

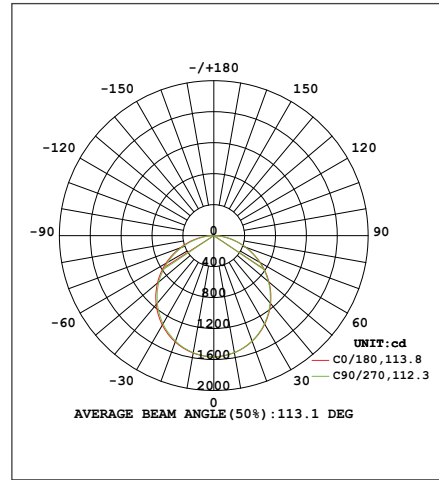
Efficiency Total:	100%	Lumen Rating:	4624
Efficacy Total:	117 lm/W	Input Wattage:	40W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1242	27%
30-60	2361	51%
60-90	721	16%
0-90	4624	100%

**PLANEX-2-WT40-120/277V**

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

Efficiency Total:	100%	Lumen Rating:	4522
Efficacy Total:	115 lm/W	Input Wattage:	40W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1213	27%
30-60	2308	51%
60-90	1001	22%
0-90	4522	100%

Energy Chart

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	*L70 HOURS
PLANEX 2'x2' 3500K	115 lm/W	40	4530	80+	50,000
PLANEX 2'x2' 4000K	115 lm/W	40	4520	80+	50,000
PLANEX 2'x2' 5000K	117 lm/W	40	4620	80+	50,000

\*Projected