

PLNX-14

LED PANEL

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

Type: _____

Project: _____

Delivered Lumens:

4540 lm

Input Wattage:

40W

Efficacy:

105 lm/W

Colour Temperatures:

3500K, 4000K, 5000K

Projected Lumen Maintenance:

L₇₀ @ 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 1'x4'

AVAILABLE in 1x1, 2x2 & 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	14 (1' x 4')	WT35 (3500K)	120-347V ¹
		WT40 (4000K)	
		WT50 (5000K)	

NOTE¹: Onboard 120-347V driver.

Accessories*

MOUNTING	OPTIONS	OPTIONS
SPS (50" aircraft cable)	SPCW ³ (spiral cord white)	EM (remote emergency)
SM ² (surface mount)	SPCB ³ (spiral cord black)	
RM ² (recessed mount)		

NOTE*: order separately; NOTE²: SM/RM not suitable for damp location installations; NOTE³: 120-277V only

MECHANICAL:

Extruded aluminum frame with a white powder coat finish.

ELECTRICAL:

Driver operates 120-347V, 50-60Hz.

INPUT POWER:

40W for the 1x4.

DIMMING:

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

LEDS:

White LEDs are offered in 3500K, 4000K & 5000K colour temperatures. Other CCT are available, contact factory. 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:

Grid ceilings (standard). Shipped separately: 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:

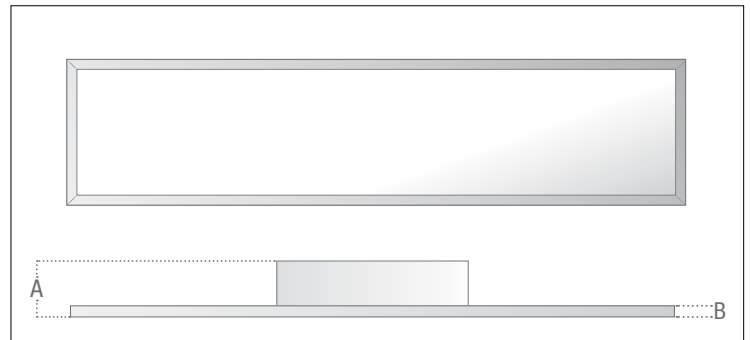
-20°C to 40°C

WARRANTY:

5 year warranty, see website for full warranty details.

Dimensions

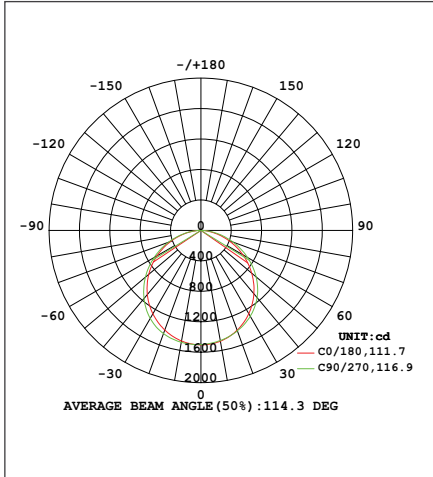
SIZE			A	B
1x4	310mm (12.2")	1219mm (47.99")	50mm (1.97")	13mm (0.5")



To determine which models are DLC listed please visit www.designlights.org

PLANEX-14-WT50

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

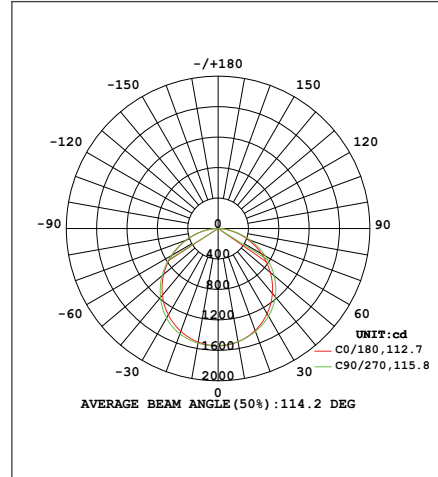
Efficiency Total:	100%	Lumen Rating:	4624
Efficacy Total:	105 lm/W	Input Wattage:	40W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1175	27%
30-60	2276	51%
60-90	978	22%
0-90	4433	100%

PLANEX-14-WT40

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

Efficiency Total:	100%	Lumen Rating:	4522
Efficacy Total:	105 lm/W	Input Wattage:	40W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1205	27%
30-60	2330	51%
60-90	1001	22%
0-90	4539	100%

Energy Chart

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	*L70 HOURS
PLANEX 1'x4' 3500K	105 lm/W	40	4540	80+	50,000
PLANEX 1'x4' 4000K	105 lm/W	40	4530	80+	50,000
PLANEX 1'x4' 5000K	105 lm/W	40	4430	80+	50,000

*Projected

PLANEX-24

LED PANEL

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

Type: _____

Project: _____

Delivered Lumens:
up to 4545 lm

Input Wattage:
45W

Efficacy:
102 lm/W

Colour Temperatures:
3500K, 4000K, 5000K

Projected Lumen Maintenance:
L₇₀ @ 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'x4'

AVAILABLE in 1x1, 2x2 & 1x4

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	24 (2' x 4')	WT35 (3500K)	120-347V ¹
		WT40 (4000K)	
		WT50 (5000K)	

NOTE¹: Onboard 120-347V driver.

Accessories*

MOUNTING	OPTIONS	OPTIONS
SPS (50" aircraft cable)	SPCW ³ (spiral cord white)	EM (remote emergency)
SM ² (surface mount)	SPCB ³ (spiral cord black)	
RM ² (recessed mount)		

NOTE*: order separately; NOTE²: SM/RM not suitable for damp location installations; NOTE³: 120-277V only

MECHANICAL:

Extruded aluminum frame with a white powder coat finish.

ELECTRICAL:

Driver operates 120-347V, 50-60Hz.

INPUT POWER:

45W for the 2x4.

DIMMING:

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

LEDS:

White LEDs are offered in 3500K, 4000K & 5000K colour temperatures. Other CCT are available, contact factory. 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:

Grid ceilings (standard). Shipped separately: 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
2x4	611mm (24.06")	1219mm (47.99")	50mm (1.97")	13mm (0.5")



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