

PLNX-1

LED PANEL

Type: _____

Project: _____

Delivered Lumens:

1754 lm

Input Wattage:

18W

Efficacy:

94 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'x1'

AVAILABLE in 2x2, 1x4 & 2x4

Suitable for use in insulated ceilings

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

Configurations

MODEL	SIZE	COLOUR TEMP	INPUT
PLNX	1 (1' x 1')	WT35 (3500K)	120-277V
		WT40 (4000K)	
		WT50 (5000K)	

Accessories*

MOUNTING	OPTIONS	OPTIONS
SPS (50" aircraft cable)	SPCW (spiral cord white)	1'347V
SM ² (surface mount)	SPCB (spiral cord black)	
RM ² (recessed mount)		

NOTE*: order separately; **NOTE¹**: 347V stepdown transformer to be installed in a box provided by the customer.
NOTE²: SM/RM not suitable for damp location installations.

MECHANICAL:

Extruded aluminum frame with a white powder coat finish.

ELECTRICAL:

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

INPUT POWER:

18W for the 1x1.

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:

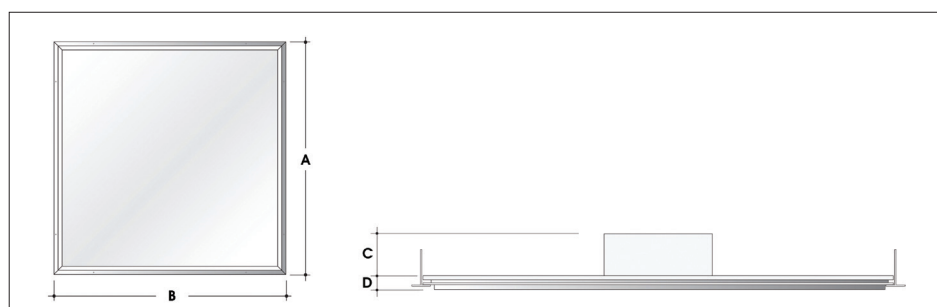
Grid ceilings (standard). Shipped separately: 50" Adjustable Suspension Mount kit (SPS), Surface Mount kit (SM) for wall or ceiling, Recessed Mount kit (RM) for drywall - wall or ceiling.

WARRANTY:

5 year LED warranty, see website for full warranty details.

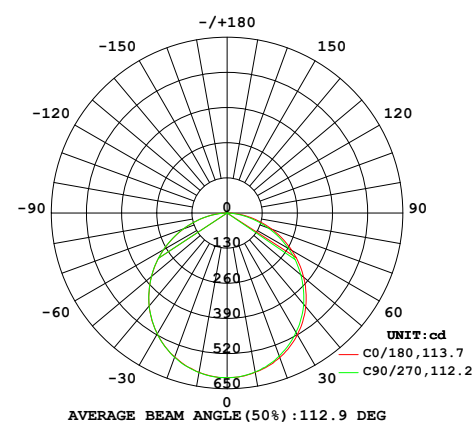
Dimensions

SIZE	A	B	C	D
1x1	300mm (11.8")	300mm (11.8")	46mm (1.8")	13mm (0.5")



PLANEX-1-WT40-120-277V

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

Efficiency Total:	100%	Lumen Rating:	1754
Efficacy Total:	94 lm/W	Input Wattage:	18W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	472.8	27%
0-60	1373	78%
0-90	1754	100.0%
0-180	1754	100.0%

Energy Chart

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	LIFESPAN
1'x1' 4000K	94 lm/W	18	1754	80+	50,000

*Projected

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:
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 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)	120-347V ¹
		WT40 (4000K)	
		WT50 (5000K)	

NOTE¹: Onboard 120-34V 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 2x2.

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:

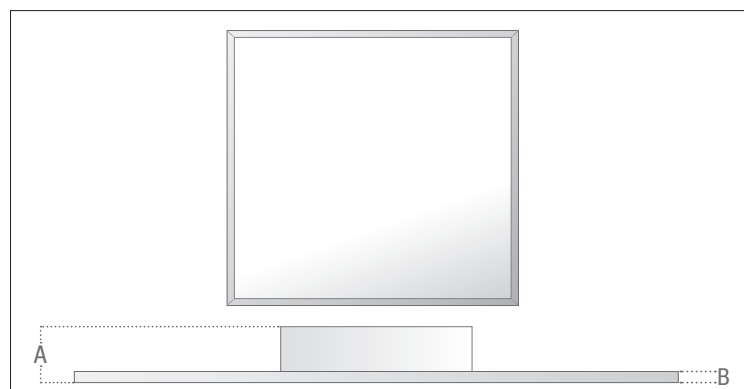
-20°C to 40°C

WARRANTY:

5 year warranty, see website for full warranty details.

Dimensions

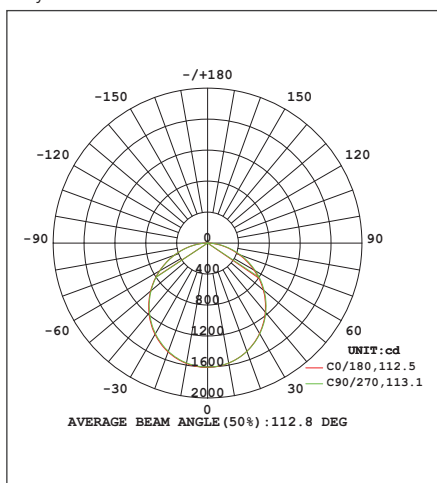
SIZE	A	B
2x2	611mm (24.06")	50mm (1.97")



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

PLANEX-2-WT50

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

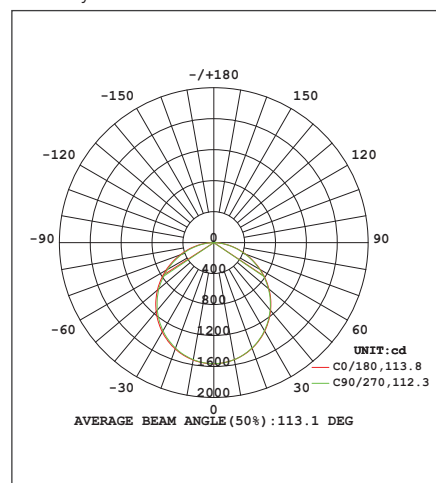
Efficiency Total:	100%	Lumen Rating:	4624
Efficacy Total:	105 lm/W	Input Wattage:	40W

Zonal Lumen Summary

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

PLANEX-2-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	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	105 lm/W	40	4530	80+	50,000
PLANEX 2'x2' 4000K	105 lm/W	40	4520	80+	50,000
PLANEX 2'x2' 5000K	105 lm/W	40	4620	80+	50,000

*Projected

PLNX-14

LED PANEL

LED | Damp Location | 1 x 4



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:

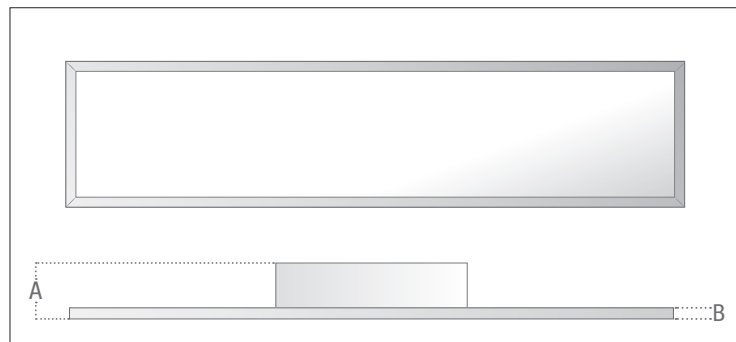
-20°C to 40°C

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")

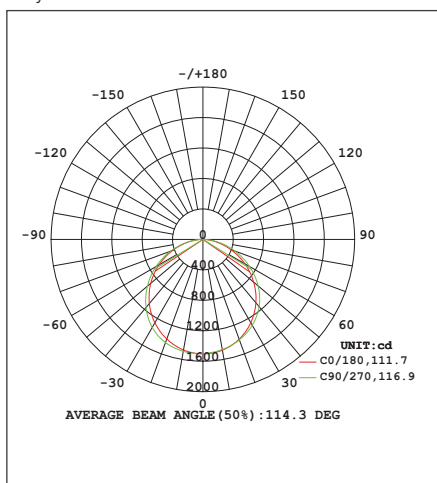


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Planex® LED | PLNX-14

PLANEX-14-WT50

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

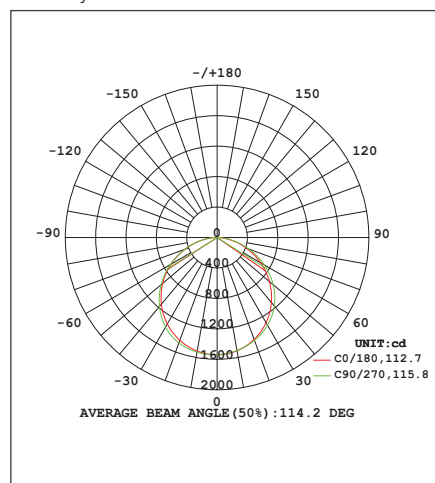
Efficiency Total:	100%	Lumen Rating:	4624
Efficacy Total:	105 lm/W	Input Wattage:	40W

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

PLNX-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:

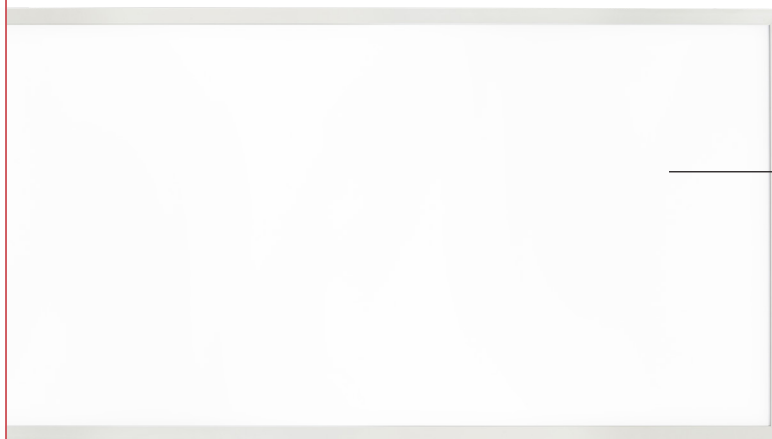
45W

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.

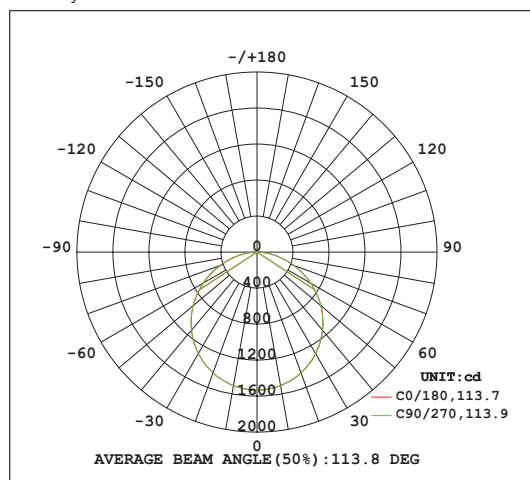
Dimensions

SIZE	A	B
2x4	611mm (24.06")	1219mm (47.99")
	50mm (1.97")	13mm (0.5")

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

PLANEX-24-WT50

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

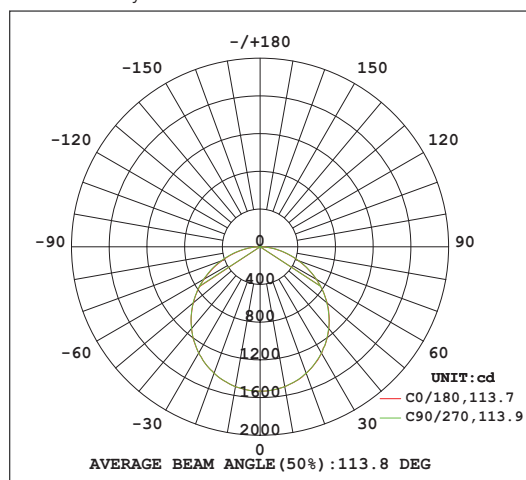
Efficiency Total:	100%	Lumen Rating:	4471
Efficacy Total:	101 lm/W	Input Wattage:	45W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1192	26%
30-60	2285	51%
60-90	987	22%
0-90	4464	100%

PLANEX-24-WT40

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

Efficiency Total:	100%	Lumen Rating:	4545
Efficacy Total:	102 lm/W	Input Wattage:	45W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1212	27%
30-60	2323	51%
60-90	1003	22%
0-90	4538	100%

Energy Chart

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	*L70 HOURS
PLANEX 24 3500K	99 lm/W	45	4432	80+	50,000
PLANEX 24 4000K	102 lm/W	45	4545	80+	50,000
PLANEX 24 5000K	101 lm/W	45	4471	80+	50,000

*Projected