

PLX-1

LED PANEL

Type: _____

Project: _____

Delivered Lumens:

1203 lm

Input Wattage:

20W

Efficacy:

71 lm/W

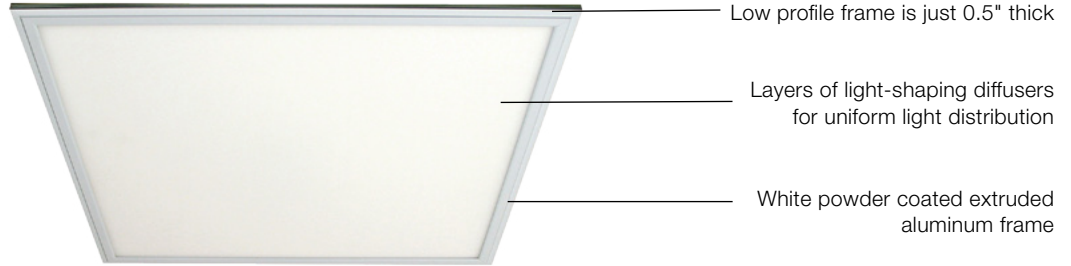
Colour Temperatures:

3000K, 4000K, 5700K

Projected Lumen

Maintenance:

L₇₀ @ 50,000 hrs.



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
PLX	1 (1' x 1')	WT30 (3000K)	120/277V
		WT40 (4000K)	
		WT57 (5700K)	

Accessories*

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

NOTE*: order separately; NOTE!: 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, 50-60Hz. Optional 347V transformer is available - sold separately. For transformer sizes, consult factory.

INPUT POWER:

20W for the 1x1.

DIMMING:

Not available on the 1x1.

LEDS:

White LEDs are offered in 3000K, 4000K & 5700K 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:

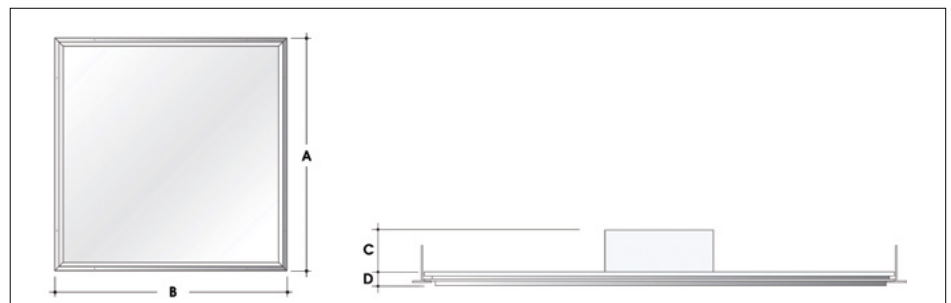
Shipped separately: grid ceilings (standard), 50" Adjustable Suspension Mount kit (SPS), Surface Mount kit (SM) for wall or ceiling, Recessed Mount kit (RM) for drywall - wall or ceiling

WARRANTY:

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

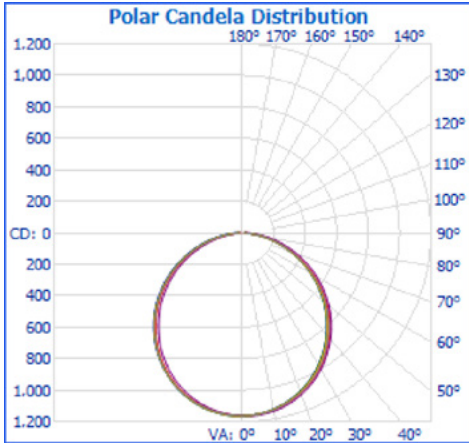
Dimensions

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



PLANEX-1-WT40-120/27V

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

Efficiency Total:	100%	Lumen Rating:	1203
Efficacy Total:	71 lm/W	Input Wattage:	20W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-60	78.52	78.52%
60-90	21.48	21.48%
0-90	1203	100.0%
90-180	0.0	0.0%
0-180	1203	100.0%

Energy Chart

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	LIFESPAN
1'x1' 4000K	71 lm/W	20	1203	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:
117 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)	120-277V
		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:

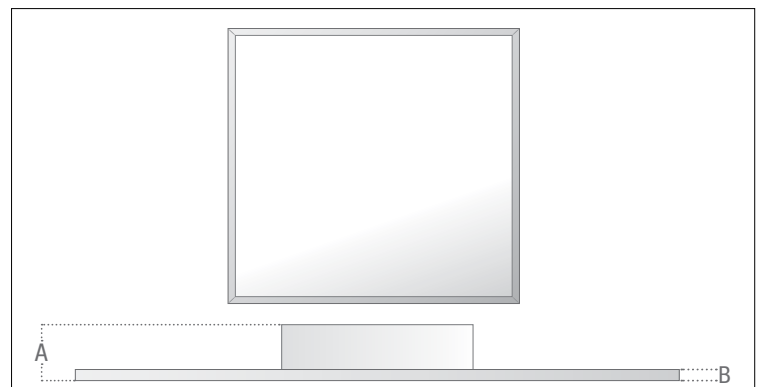
-20°C to 40°C

WARRANTY:

5 year warranty, see website for full warranty details.

Dimensions

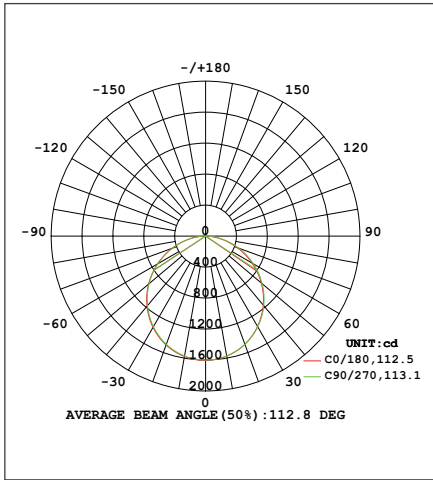
SIZE	A		B	
2x2	603mm (23.8")	603mm (23.8")	46mm (1.8")	13mm (0.5")



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

PLANEX-2-WT50-120/277V

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

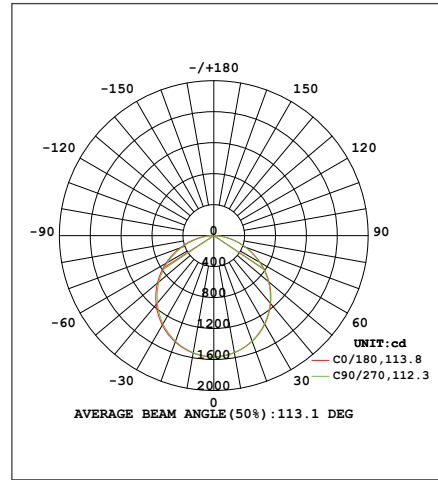
Efficiency Total:	100%	Lumen Rating:	4624
Efficacy Total:	117 lm/W	Input Wattage:	40W

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

PLANEX-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:
115 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)	120-277V
		WT40 (4000K)	120-347V
		WT50 (5000K)	

NOTE¹: Onboard 120-347V driver. Longer lead time for some models.

Accessories*

MOUNTING	OPTIONS	OPTIONS
SPS (50" aircraft cable)	SPCW (spiral cord white)	² 347V
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 1x4.

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:

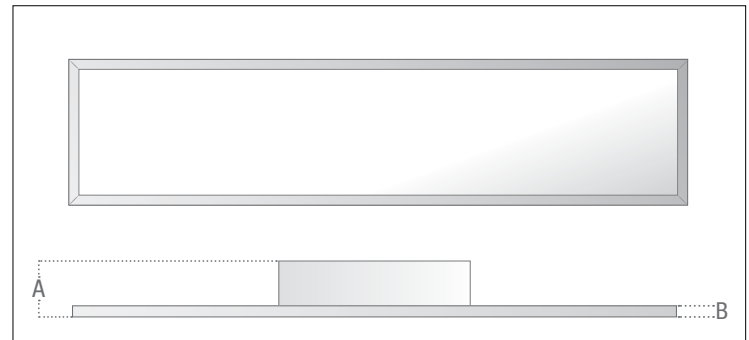
-20°C to 40°C

WARRANTY:

5 year warranty, see website for full warranty details.

Dimensions

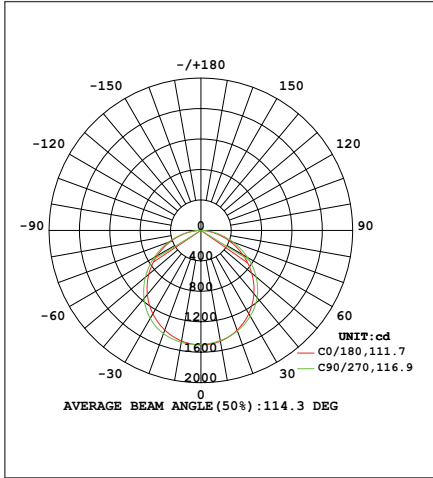
SIZE	A	B
1x4	300mm (11.8")	1212mm (47.7")
	46mm (1.8")	13mm (0.5")



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

PLANEX-14-WT50-120/277V

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

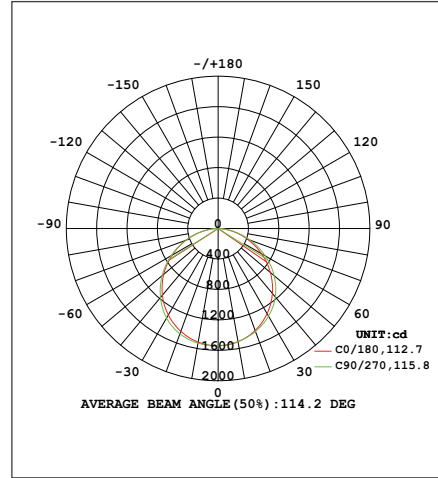
Efficiency Total:	100%	Lumen Rating:	4624
Efficacy Total:	112 lm/W	Input Wattage:	40W

Zonal Lumen Summary

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

PLANEX-14-WT40-120/277V

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	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	115 lm/W	40	4540	80+	50,000
PLANEX 1'x4' 4000K	115 lm/W	40	4530	80+	50,000
PLANEX 1'x4' 5000K	112 lm/W	40	4430	80+	50,000

*Projected

PLNX-4

LED PANEL

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

Type: _____

Project: _____

Delivered Lumens:
up to 7610 lm

Input Wattage:
60W

Efficacy:
127 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	4 (2 x 4')	WT35 (3500K)	120-277V
		WT40 (4000K)	120-347V
		WT50 (5000K)	

NOTE¹: Onboard 120-347V 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:

60W for the 2x4.

DIMMING:

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

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

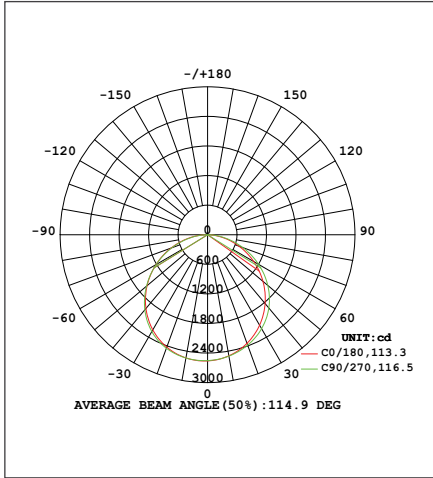
SIZE			A	B
2x4	603mm (23.8")	1212mm (47.7")	46mm (1.8")	13mm (0.5")



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

PLANEX-4-WT50-120/277V

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

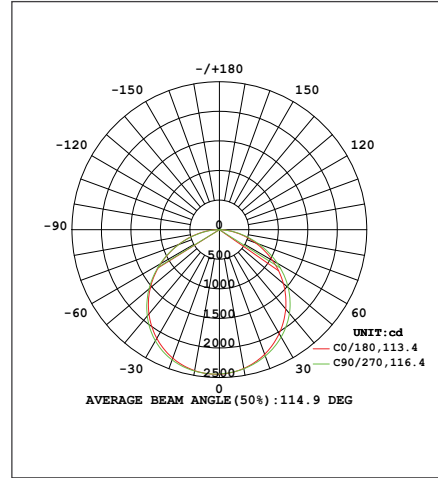
Efficiency Total:	100%	Lumen Rating:	7817
Efficacy Total:	127 lm/W	Input Wattage:	60W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	2004	26%
30-60	3891	51%
60-90	1713	22%
0-90	7617	100%

PLANEX-4-WT40-120/277V

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

Efficiency Total:	100%	Lumen Rating:	7243
Efficacy Total:	122 lm/W	Input Wattage:	60W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1914	26%
30-60	3719	51%
60-90	1604	22%
0-90	7243	100%

Energy Chart

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	*L70 HOURS
PLANEX 2'x4' 3500K	121 lm/W	60	7220	80+	50,000
PLANEX 2'x4' 4000K	122 lm/W	60	7240	80+	50,000
PLANEX 2'x4' 5000K	127 lm/W	60	7610	80+	50,000

*Projected