

# PLNX PREMIUM

LED PANEL

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

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

**Delivered Lumens:**  
up to 5519 lm

**Input Wattage:**  
40, 45W

**Efficacy:**  
118 - 126 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 0-10V dimming function

AVAILABLE in 1x4, 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	LENGTH	POWER	COLOUR TEMP	INPUT
PLNX	14 (1' x 4')	HO	WT35 (3500K)	120-347V
	2 (2' x 2')		WT40 (4000K)	
	4 (2' x 4')	LO	WT35 (3500K) WT40 (4000K) WT50 (5000K)	

## Accessories\*

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

**NOTE\***: order separately; **NOTE<sup>2</sup>**: SM/RM not suitable for damp location installations; **NOTE<sup>3</sup>**: 120-277V only

### MECHANICAL:

Extruded aluminum frame with a white powder coat finish.

### ELECTRICAL:

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

### INPUT POWER:

40W for 1x4, 2x2  
45W for 2x4

### LENS:

Frosted polystyrene Lens.

### 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:

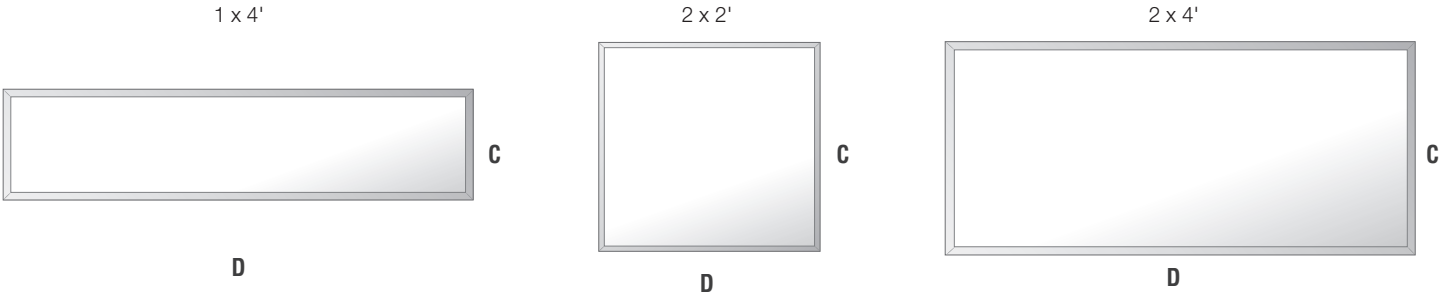
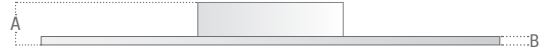
5 year warranty, see website for full warranty details.

## Compatible Dimmers

BRAND	TYPE	SERIES	MODEL #
Leviton	0-10V dimming	Illumatech	IP710-LFZ
Lutron		Diva	DVSTV
Lutron		Maestro	MS-Z101
Lutron		Nova T	NTSTV

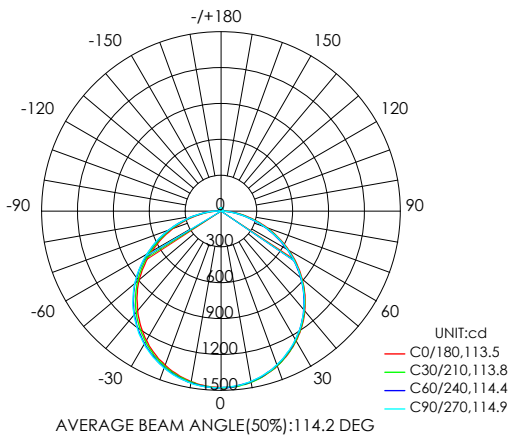
## Dimensions

SIZE	A	B	C	D
1x4	45mm (1.77")	13mm (0.5")	303mm (11.93")	1212mm (47.72")
2x2	45mm (1.77")	13mm (0.5")	603mm (23.74")	603mm (23.74")
2x4	45mm (1.77")	13mm (0.5")	603mm (23.74")	1212mm (47.72")



### PLNX-14-HO-WT35

Luminous Intensity Distribution



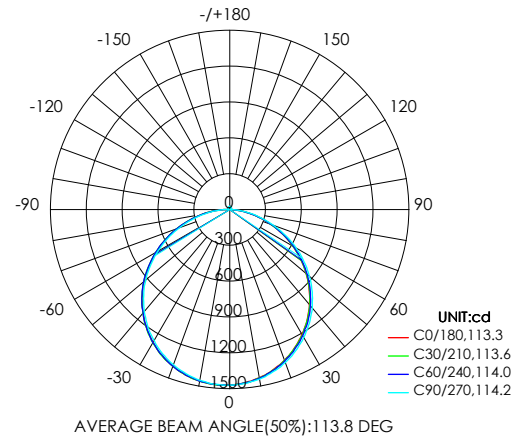
Efficiency Total:	100%	Lumen Rating:	4522
Efficacy Total:	119 lm/W	Input Wattage:	40W

### Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1170	26%
30-60	2251	50%
60-90	978	21%
0-90	4400	97%

### PLNX-14-HO-WT40

Luminous Intensity Distribution



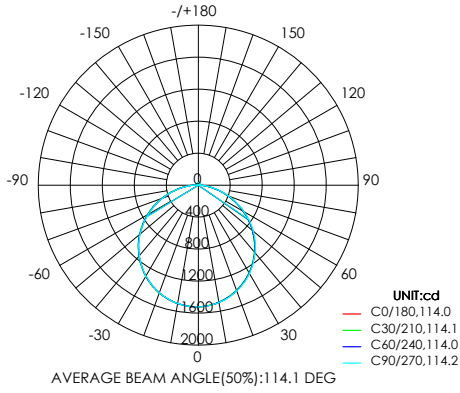
Efficiency Total:	100%	Lumen Rating:	4507
Efficacy Total:	119 lm/W	Input Wattage:	40W

### Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1170	26%
30-60	2246	50%
60-90	977	22%
0-90	4393	98%

**PLNX-2-HO-WT35**

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

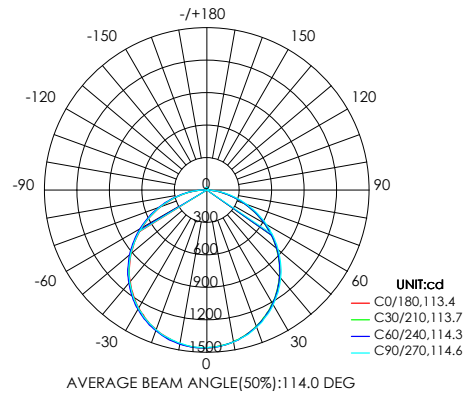
Efficiency Total:	100%	Lumen Rating:	4589
Efficacy Total:	120 lm/W	Input Wattage:	40W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1183	26%
30-60	2275	50%
60-90	1008	22%
0-90	4466	97%

**PLNX-2-HO-WT40**

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

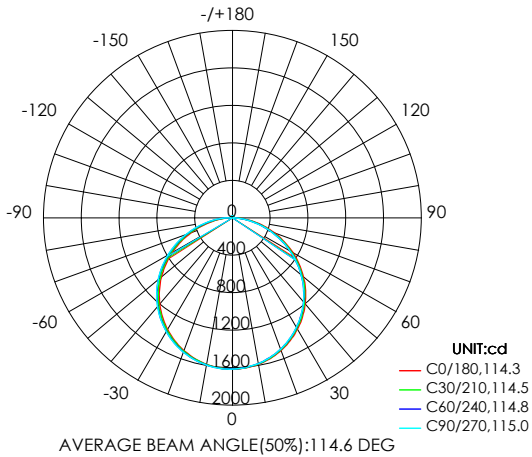
Efficiency Total:	100%	Lumen Rating:	4503
Efficacy Total:	119 lm/W	Input Wattage:	40W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1166	26%
30-60	2241	50%
60-90	983	22%
0-90	4390	98%

**PLNX-4-LO-WT35**

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

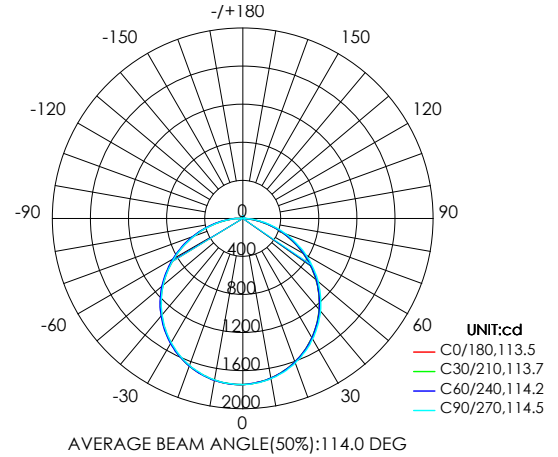
Efficiency Total:	100%	Lumen Rating:	5074
Efficacy Total:	118 lm/W	Input Wattage:	45W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1305	26%
30-60	2518	49%
60-90	1128	23%
0-90	4951	98%

**PLNX-4-LO-WT40**

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

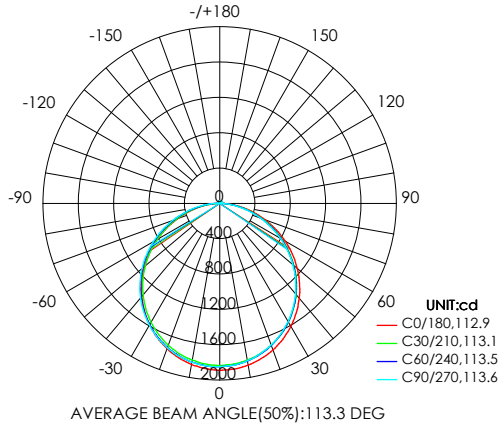
Efficiency Total:	100%	Lumen Rating:	5239
Efficacy Total:	123 lm/W	Input Wattage:	45W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1358	26%
30-60	2610	50%
60-90	1153	22%
0-90	5121	98%

**PLNX-4-LO-WT50**

Luminous Intensity Distribution



TESTED in accordance with IESNA LM-80-08

Efficiency Total:	100%	Lumen Rating:	5519
Efficacy Total:	126 lm/W	Input Wattage:	45W

Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1442	26%
30-60	2756	50%
60-90	1198	22%
0-90	5396	98%

Energy Chart

MODEL	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	*L70 HOURS
PLNX-14-HO-WT35	119 lm/W	40	4522	80+	50,000
PLNX-14-HO-WT40	119 lm/W	40	4507	80+	50,000
PLNX-2-HO-WT35	120 lm/W	40	4589	80+	50,000
PLNX-2-HO-WT40	119 lm/W	40	4503	80+	50,000
PLNX-4-LO-WT35	118 lm/W	45	5074	80+	50,000
PLNX-4-LO-WT40	123 lm/W	45	5239	80+	50,000
PLNX-4-LO-WT50	126 lm/W	45	5519	80+	50,000

\*Projected