

PLNX BACKLIT

LED BACKLIT PANEL

1 CCT & 3 CCT and 3 Power Selectable

Type: _____

Project: _____

Delivered Lumens:

up to 5 600 lm

Input Wattage:

20 - 50W

Efficacy:

up to 125 lm/W

Colour Temperatures:

3000K, 3500K, 4000K, 5000K

CRI:

>82

Projected Lumen Maintenance:

L_{70} @ 50,000 hrs.

AVAILABLE in 1x4, 2x2 & 2x4

White aluminum alloy frame



Back view:



PLANEX® backlit panels operate from 120 - 347V featuring the natural benefit of projecting light through less material. The panels are capable of changing CCT and power with a simple switch, an ideal cost-effective solution to reduce stocking inventory.

The **PLANEX®** backlit is versatile making it ideal for a variety of commercial indoor applications such as offices, retail, medical facilities, schools, car dealerships, and much more.

Configurations

MODEL	LENGTH	LUMENS	COLOUR TEMP	INPUT
PLNX-B (1 CCT/Power Source)	1 (1'x4')	L (4,500)	4K (4000K)	M (120-347V)
	2 (2'x2')	L (4,500)		
	4 (2'x4')	H (5,600)		
PLNX-BPS (3 CCT/3 Power Selectable)	1 (1'x4')	See table below	3K (3000K)	M (120-347V)
	2 (2'x2')		35K (3500K)	
	4 (2'x4')		4K (4000K) 5K (5000K)	

DLC PRODUCT ID: PLNX-B-1L-4K-M (PLJGB06V18A3); PLNX-B-2L-4K-M (PLCV66CRGNNL); PLNX-B-4H-4K-M (PLDDT3D2YVE); PLNX-BPS-1-3C-M (PLQI2A0UG1U5); PLNX-BPS-2-3C-M (PLKZVAM61LAU); PLNX-BPS-4-3C-M (PLZWDNU9AK8); PLNX-BPS-1-3CW-M (S-UGNXF0); PLNX-BPS-2-3CW-M (S-LDWTIM); PLNX-BPS-4-3CW-M (S-C2S1F0)

Pre-Built Inventory

ORDERING CODE	SHORT DESCRIPTION	LONG DESCRIPTION
19001809	PLNX-B-1L-4K-M	PLANEX BACKLIT LED PANEL 1'X4' 40W 4000K 4500 LUMENS 120-347V INPUT
19001810	PLNX-B-2L-4K-M	PLANEX BACKLIT LED PANEL 2'X2' 40W 4000K 4500 LUMENS 120-347V INPUT
19001811	PLNX-B-4H-4K-M	PLANEX BACKLIT LED PANEL 2'X4' 50W 4000K 5600 LUMENS 120-347V INPUT
19001812	PLNX-BPS-1-3C-M	PLANEX BACKLIT LED PANEL 1'X4' POWER SELECTABLE 120-347V INPUT
19001813	PLNX-BPS-2-3C-M	PLANEX BACKLIT LED PANEL 2'X2' POWER SELECTABLE 120-347V INPUT
19001814	PLNX-BPS-4-3C-M	PLANEX BACKLIT LED PANEL 2'X4' POWER SELECTABLE 120-347V INPUT

MECHANICAL:

White aluminium alloy frame.

LENS:

PMMA

ELECTRICAL:

Available in 120-347V.

DIMMING:

0-10 V dimming standard. Panels dim to 10%.

DIFFUSION:

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

MOUNTING:

Recessed, suspended, and surface mounting are available.

OPERATING TEMPERATURE:

-20°C to 35°C

WARRANTY:

5 year warranty, see website for full warranty details.

Planex® Backlit LED | PLNX-B

Lumen Specification Table

MODEL	WATTS	3000K		3500K		4000K	
		LUMEN	EFFICIENCY	LUMEN	EFFICIENCY	LUMEN	EFFICIENCY
¹ PLNX-BPS-1-3CW-M	20W	2 300	115 lm/W	2 400	120 lm/W	2 500	125 lm/W
	30W	3 400	113 lm/W	3 500	117 lm/W	3 600	120 lm/W
	40W	4 300 ¹	108 lm/W	4 400	110 lm/W	4 500	113 lm/W
¹ PLNX-BPS-2-3CW-M	20W	2 300	115 lm/W	2 400	120 lm/W	2 500	125 lm/W
	30W	3 400	113 lm/W	3 500	117 lm/W	3 600	120 lm/W
	40W	4 300 ¹	108 lm/W	4 400	110 lm/W	4 500	113 lm/W
² PLNX-BPS-4-3CW-M	30W	3 500	117 lm/W	3 600	120 lm/W	3 700	123 lm/W
	40W	4 500	113 lm/W	4 600	115 lm/W	4 700	118 lm/W
	50W	5 400 ²	108 lm/W	5 500	110 lm/W	5 600	112 lm/W

DEFAULT PROGRAMMING: NOTE¹: 40W / 3000K; NOTE²: 50W / 3000K

MODEL	WATTS	3500K		4000K		5000K	
		LUMEN	EFFICIENCY	LUMEN	EFFICIENCY	LUMEN	EFFICIENCY
PLNX-BPS-1	20W	2 400	120 lm/W	2 500	125 lm/W	2 500	125 lm/W
	30W	3 500	117 lm/W	3 600	120 lm/W	3 600	120 lm/W
	40W	4 400	110 lm/W	4 500 ¹	113 lm/W	4 500	113 lm/W
PLNX-BPS-2	20W	2 400	120 lm/W	2 500	125 lm/W	2 500	125 lm/W
	30W	3 500	117 lm/W	3 600	120 lm/W	3 600	120 lm/W
	40W	4 400	110 lm/W	4 500 ¹	113 lm/W	4 500	113 lm/W
PLNX-BPS-4	30W	3 600	120 lm/W	3 700	123 lm/W	3 700	123 lm/W
	40W	4 600	115 lm/W	4 700	118 lm/W	4 700	118 lm/W
	50W	5 500	110 lm/W	5 600 ²	112 lm/W	5 600	112 lm/W

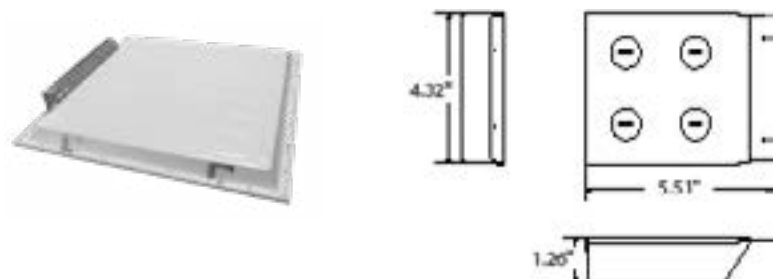
DEFAULT PROGRAMMING: NOTE¹: 40W / 4000K; NOTE²: 50W / 4000K

Compatible Dimmers

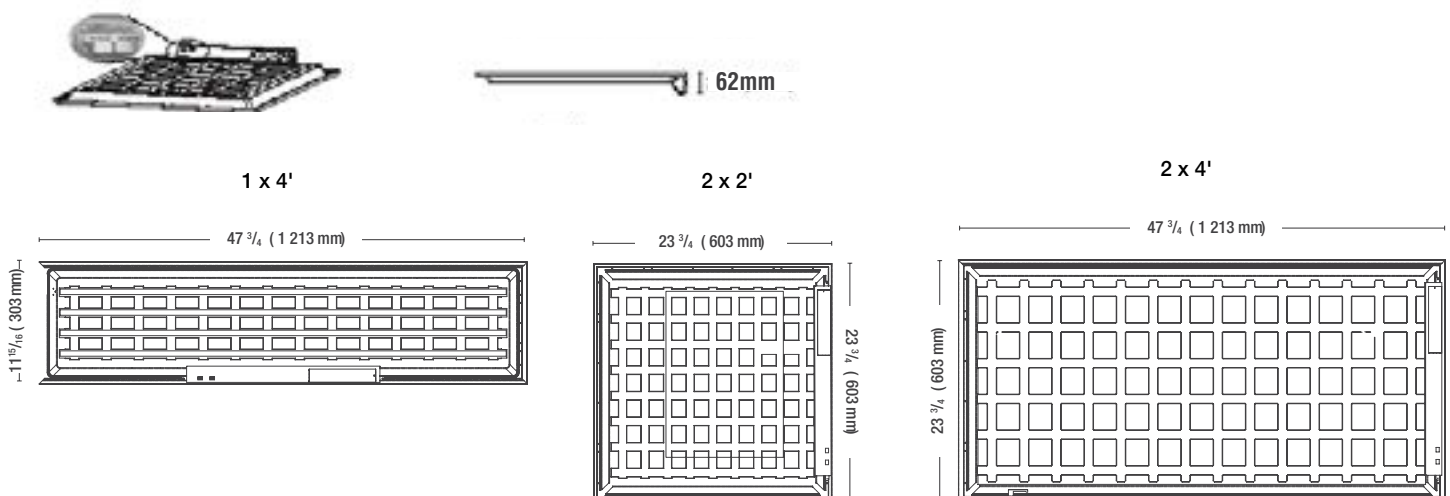
BRAND	MODEL #
Lutron	DVSTV
	DVSTV-453PH-WH
	DVTV
	DVSCTV
	NFTV
	NTSTV-DV
Leviton	IP710-DLZ
	IP710-LFZ

NOTE: Above dimmers have been tested with Planex fixtures. Actual operation and installation of dimmers to comply with dimmer manufacturer's instructions. Consult dimming manufacturer for tech support.

Junction Box (Sold Separately)



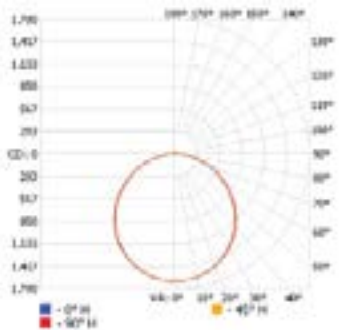
Dimensions



Planex® Backlit LED | PLNX-B

PLNX-B-1L-4K-S

Luminous Intensity Distribution

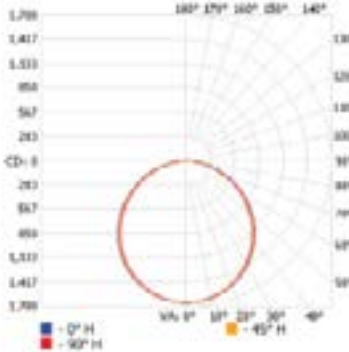


Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1 252	26%
0-40	2 056	43%
0-60	3 662	77%
60-90	1 094	23%
70-100	494	10%
90-120	1.7	0%
0-90	4 756	100%
90-180	1.7	0%
0-180	4 758	100%

PLNX-B-2L-4K-M

Luminous Intensity Distribution

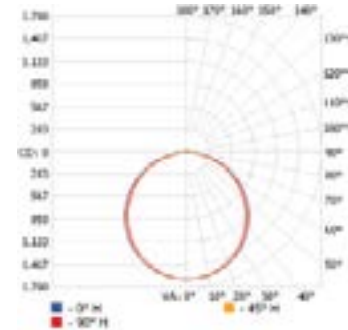


Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1 249	26%
0-40	2 051	43%
0-60	3 649	77%
60-90	1 074	23%
70-100	480	10%
90-120	1.3	0%
0-90	4 723	100%
90-180	1.3	0%
0-180	4 724	100%

PLNX-B-4H-4K-S

Luminous Intensity Distribution

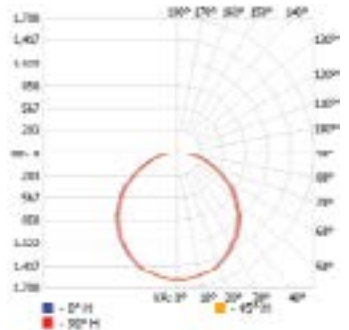


Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1 546	26%
0-40	2 539	43%
0-60	4 531	77%
60-90	1 363	23%
70-100	621	10%
90-120	3.7	0%
0-90	5 895	100%
90-180	3.7	0%
0-180	5 898	100%

PLNX-BPS-1-3C-M

Luminous Intensity Distribution

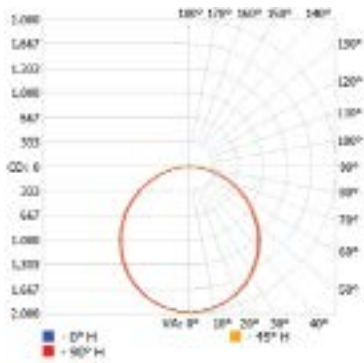


Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1 250	26%
0-40	2 050	43%
0-60	3 643	77%
60-90	1062	23%
70-100	472	10%
90-120	1.0	0%
0-90	4 706	100%
90-180	1.0	0%
0-180	4 707	100%

PLNX-BPS-2-3C-M

Luminous Intensity Distribution

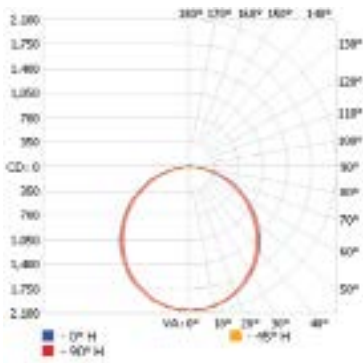


Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1 292	26%
0-40	2 119	43%
0-60	3 766	77%
60-90	1 098	23%
70-100	488	10%
90-120	1.0	0%
0-90	4 865	100%
90-180	1.0	0%
0-180	4 866	100%

PLNX-BPS-4-3C-M

Luminous Intensity Distribution

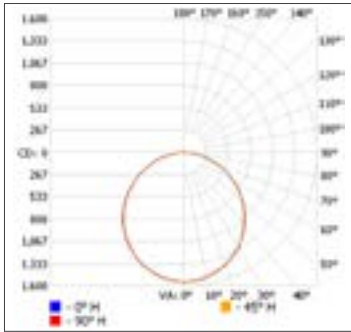


Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1 603	26%
0-40	2 630	43%
0-60	4 673	77%
60-90	1 363	23%
70-100	605	10%
90-120	1.2	0%
0-90	6 036	100%
90-180	1.2	0%
0-180	6 038	100%

PLNX-BPS-1-3CW-M

Luminous Intensity Distribution

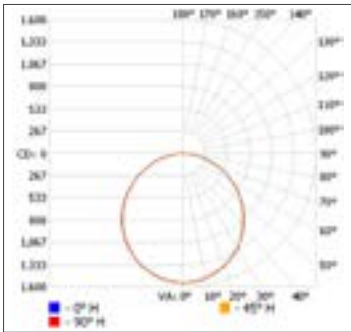


Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1 198	26%
0-40	1 964	43%
0-60	3 482	77%
60-90	1 003	22%
70-100	444	10%
90-120	1.6	0%
0-90	4 486	100%
90-180	1.6	0%
0-180	4 487	100%

PLNX-BPS-4-3CW-M

Luminous Intensity Distribution



Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	1 587	26%
0-40	2 603	43%
0-60	4 618	77%
60-90	1 325	22%
70-100	583	10%
90-120	1.2	0%
0-90	5 943	100%
90-180	1.2	0%
0-180	5 944	100%

PHOTOMETRIC DATA