

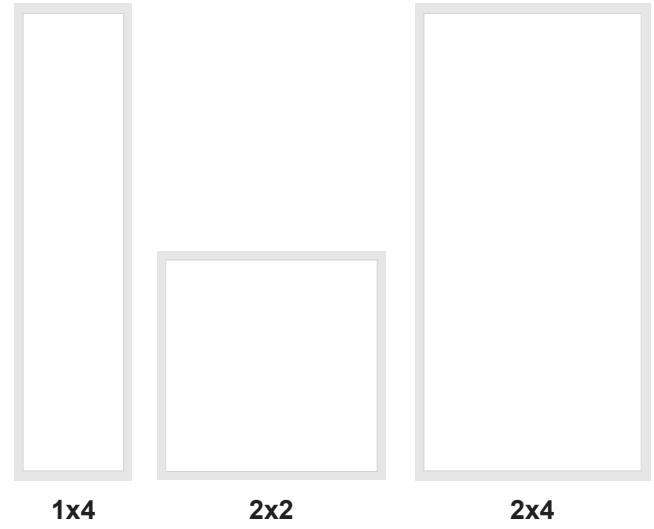
PAN



407-478-3759
www.ilp-inc.com

FEATURES

- 1x4, 2x2 & 2x4 Flat Panel
- Slim Low Profile Design with Seamless Frame
- Aluminum Post Painted Housing
- PMMA LGP Material – Non-Yellowing Lens
- Impact and Scratch Resistant Lens
- L90=50,000 hours – L80 > 100,000 hours
 - 3x Life of Most Competition
- Control Options
 - Bi-Level Dimming Module
 - Sensor Ready Module
 - DALI Ready Module
- 3500K & 4000K CCT
- 0-10V Dimmable Driver (100% - 10%)
- 120-277V Universal Voltage
- IC Rated for Insulated Ceilings
- 7 Year Warranty
- UL Listed for Dry and Damp Location
- DesignLights Consortium® Premium Qualified Luminaire



SUITABLE APPLICATIONS

- Offices
- Multipurpose Rooms
- Hallways
- Schools
- Conference rooms

LED SYSTEMS INFO	20W	30W		20W	30W		30W	36W
Calculated L ₇₀ (TM-21)	>100K	>100K	1' X 4'	>100K	>100K	2' X 2'	>100K	>100K
Delivered Lumens	2,419 lm	3,894 lm		2,619 lm	3,941 lm		3,999 lm	4,553 lm
Total Input Watts	19 W	30 W	2' X 4'	20 W	31 W	2' X 4'	32 W	36 W
Luminaire Efficacy Rating (LER)	128 lm/w	126 lm/w		128 lm/w	127 lm/w		127 lm/w	127 lm/w
Color Rendering Index (CRI)	>80	>80		>80	>80		>80	>80
Color Temperature	4000K	4000K		4000K	4000K		4000K	4000K
Ambient Temperature Range	-4°F - 104°F	-4°F - 104°F		-4°F - 104°F	-4°F - 104°F		-4°F - 104°F	-4°F - 104°F
Replaces Existing	2T8	2T8 / 1T5HO		2T8	3T8		2T8	3T8

LED System data based on PAN14-20WLED-U-40, PAN14-30WLED-U-40, PAN22-20WLED-U-40, PAN22-30WLED-U-40, PAN24-30WLED-U-40, PAN24-36WLED-U-40.
Lumen maintenance estimates based on TM-21 projections for the light source at 25°C ambient.

ORDERING GUIDE:

Series	Watts	Driver	Color	Options
PAN14	20WLED	U 120-277V Driver	35	BLD
	30WLED		40	SR
PAN22	20WLED			DR
	30WLED			FLGK
PAN24	30WLED 36WLED			SM
				FI/ILBCP05
				FI/ILBCP07
				FI/ILBCP10
				FI/ILBCP12
				SD347*
				WHIP/6FT
				WHIP/6FT/4WIRE
	WHIP/6FT/5WIRE/600V			
	WHIP/6FT/6WIRE/600V			

* Not DLC Listed

PAN

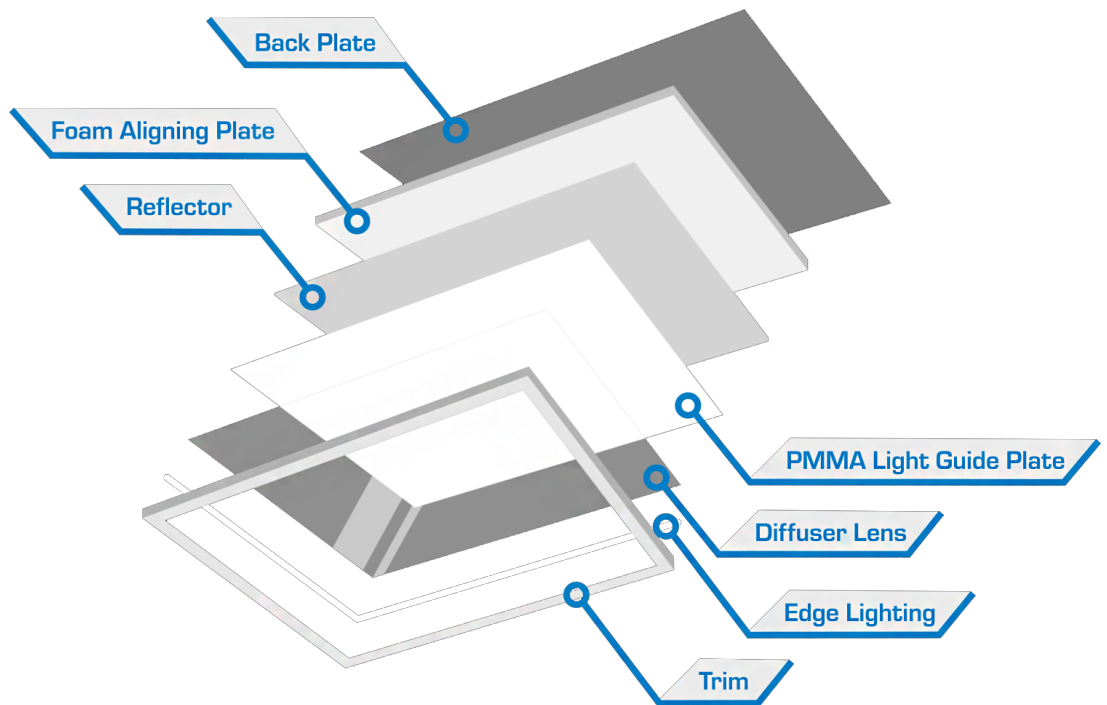
COMPATIBLE CONTROLS SOLUTIONS (Field Installed Controls)

- EasySense
- Lutron
- Enlighted
- Delta Controls
- Magnum
- Inquire for more options

*Must be used with either SR or DR option. Contact factory for proper pairing.

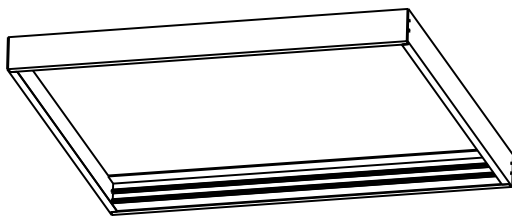
FIXTURE LAYERS

- Back Plate
- Foam Aligning Plate
- Reflector
- PMMA Light Guide
- Diffuser Lens
- Edge Lighting
- Trim



MOUNTING OPTIONS

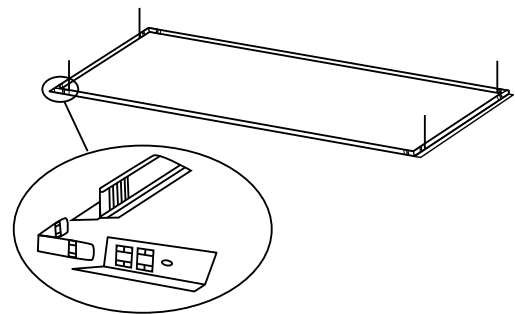
- Surface Mount Kit
- Flange Kit



Surface Mount Kit:

Dimensions:

- 1x4 - 12.25" W x 48.25" L x 2.5" H
- 2x2 - 24.25" W x 24.25" L x 2.5" H
- 2x4 - 24.25" W x 48.25" L x 2.5" H



Flange Kit:

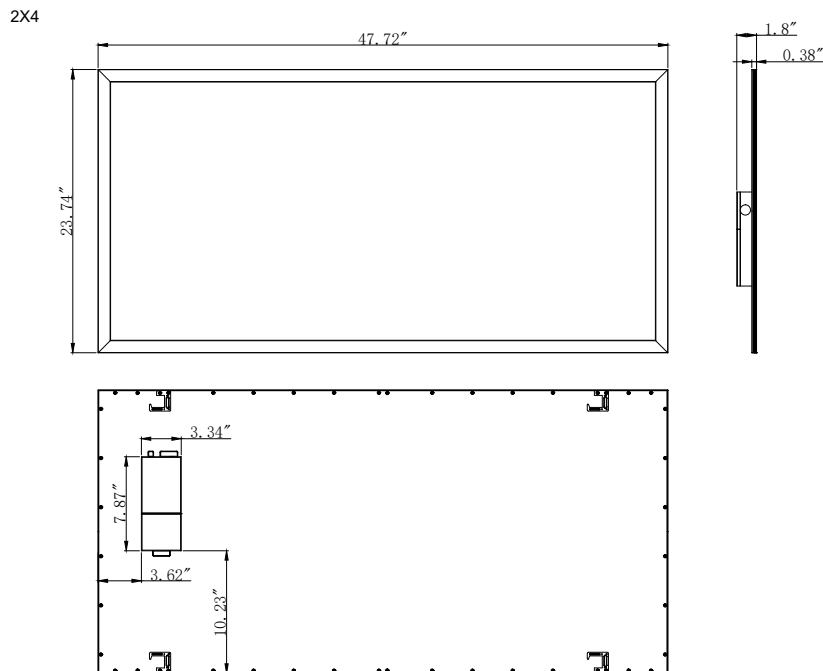
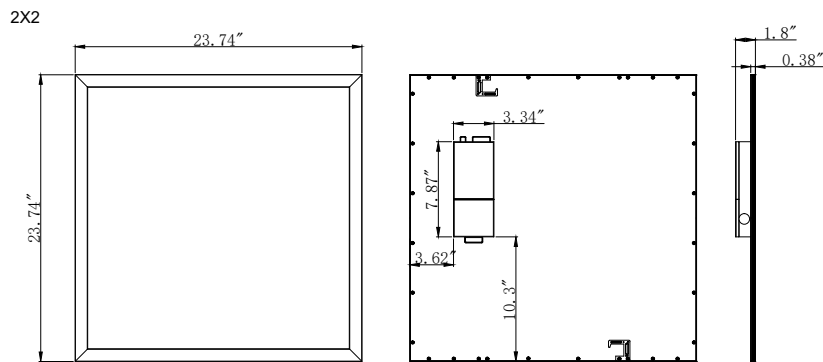
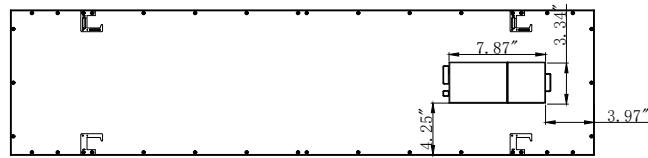
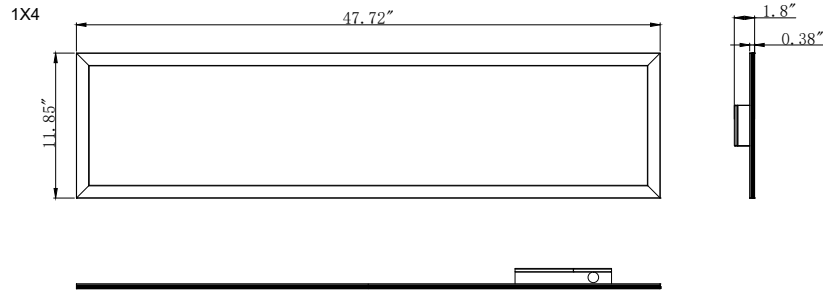
Dimensions:

- 1x4 - Ceiling opening is 12.25" x 48.25"
- 2x2 - Ceiling opening is 24.25" x 24.25"
- 2x4 - Ceiling opening is 24.25" x 48.25"

PAN

LINE DRAWINGS

- 1X4
- 2X2
- 2X4



PHOTOMETRIC REPORTS

Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

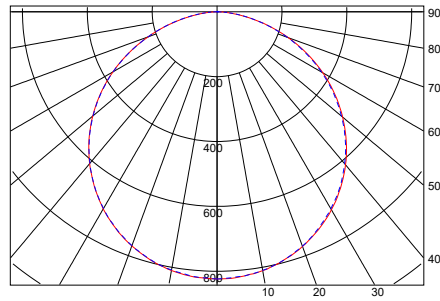
PAN14-20WLED-U-35

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	99.8%
EFFICIENCY (Uplight):	0.2%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	2388.919
INPUT WATTS:	18.8

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

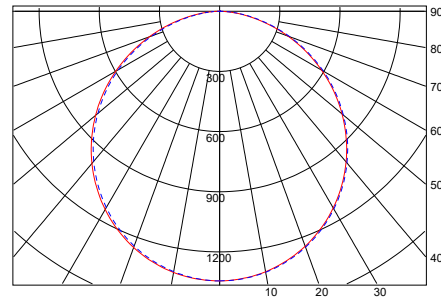
PAN14-30WLED-U-35

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	100.0%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	3841.957
INPUT WATTS:	30.5

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

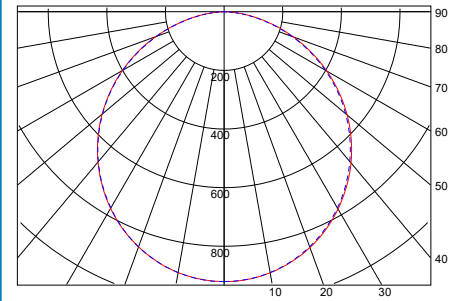
PAN22-20WLED-U-35

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	99.8%
EFFICIENCY (Uplight):	0.2%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	2616.362
INPUT WATTS:	20.5

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

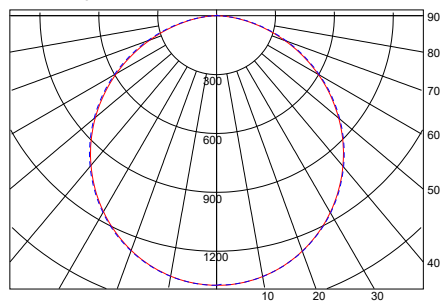
PAN22-30WLED-U-35

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	99.8%
EFFICIENCY (Uplight):	0.2%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	3914.738
INPUT WATTS:	30.9

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

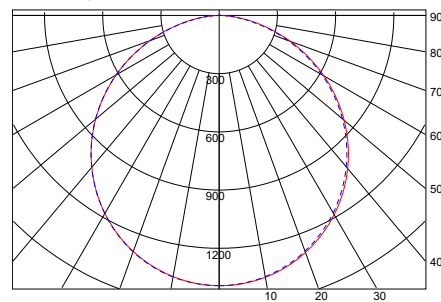
PAN24-30WLED-U-35

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	99.9%
EFFICIENCY (Uplight):	0.1%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	3996.882
INPUT WATTS:	31.8

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

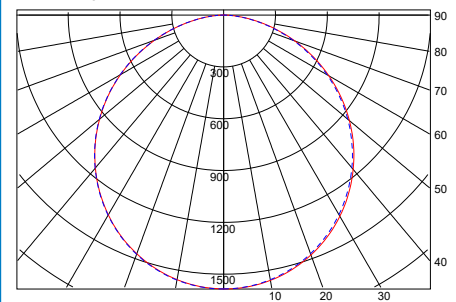
PAN24-36WLED-U-35

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	100.0%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	4518.34
INPUT WATTS:	35.8

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

PHOTOMETRIC REPORTS

Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

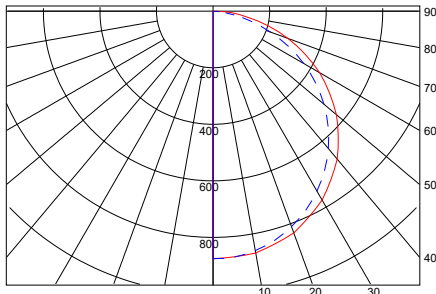
PAN14-20WLED-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	50.1 %
EFFICIENCY (Downlight):	50.1%
EFFICIENCY (Uplight):	0.2%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	2470.8
INPUT WATTS:	18.5366

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

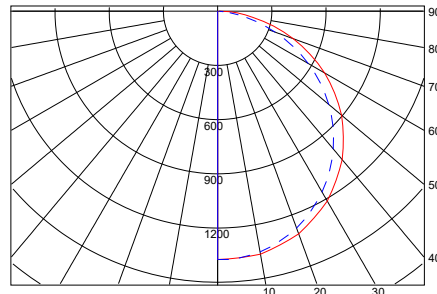
PAN14-30WLED-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	50.1%
EFFICIENCY (Downlight):	50.1%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	3887.1
INPUT WATTS:	29.3019

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

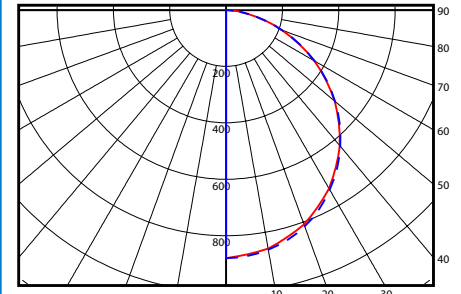
PAN22-20WLED-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Downlight):	99.8%
EFFICIENCY (Uplight):	0.2%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	2616.362
INPUT WATTS:	20.5

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degree Dashed: 270-90 Degrees

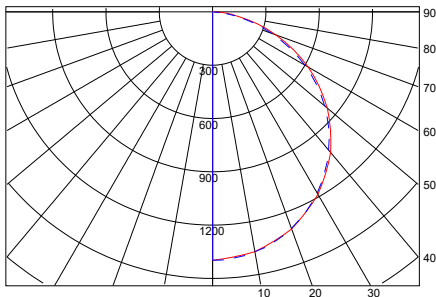
PAN22-30WLED-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	49.9 %
EFFICIENCY (Downlight):	49.9%
EFFICIENCY (Uplight):	0.2%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	3968.7
INPUT WATTS:	29.6153

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

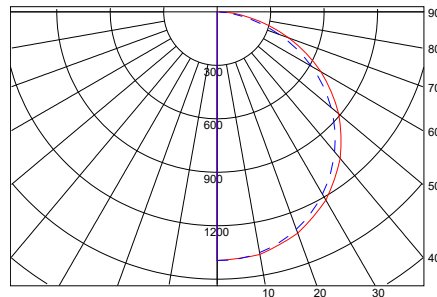
PAN24-30WLED-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	50.1 %
EFFICIENCY (Downlight):	50.1%
EFFICIENCY (Uplight):	0.1%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	4008.8
INPUT WATTS:	29.9603

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

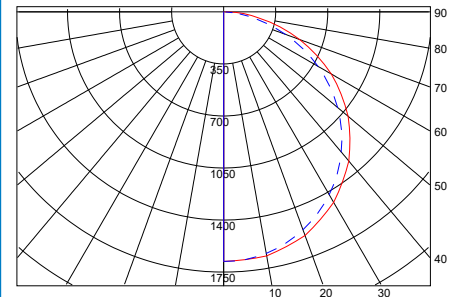
PAN24-36WLED-U-40

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	50.0 %
EFFICIENCY (Downlight):	50.0%
EFFICIENCY (Uplight):	0.0%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	4824
INPUT WATTS:	35.98

PLANE AND CONE DIAGRAM

CANDELA PLOT



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees