CCT/WATTAGE ADJUSTABLE LED FLAT PANEL

FEATURES

INTENDED USE:
The P Series LED Flat Panel provides a fully luminous appearance across the face of the lens. This provides a soft, glare-free solution that is visually comfortable within the space.

APPLICATION:
Suitable for many lighting applications including schools, offices and other commercial spaces, retail, convenience stores, and healthcare facilities. Fixture may be recessed, suspended, surface mounted or mounted in a hard-ceiling.

CONSTRUCTION:
Built to last with an aluminum alloy frame for strength and durability, the seamless frame prevents light leak in the corners. The satin white lens provides excellent shielding and fully luminous appearance.

ELECTRICAL:
Long-life LEDs, coupled with a high- efficiency driver, provide superior illumination for extended service life.

LISTINGS:
UL, cUL, DLC listed.

ALINA LIGHTING SOLUTIONS
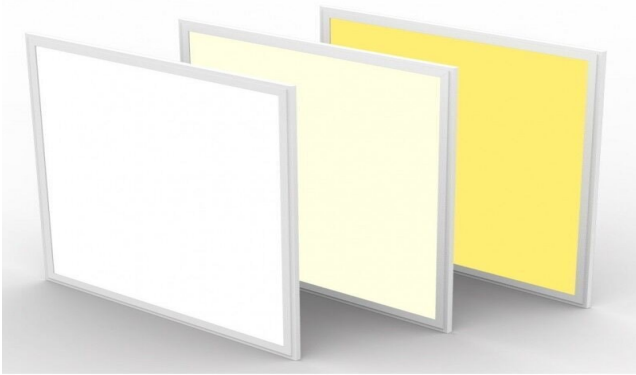
CCT/WATTAGE ADJUSTABLE LED FLAT PANEL
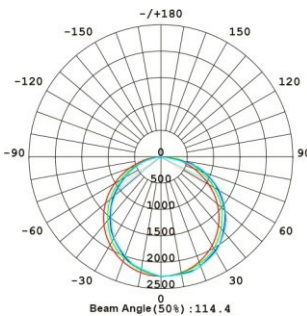
P1

BASIC DATA

Product Number	Power Consumption Options (W)	Dimensions	CCT Options	Maximum Luminous Flux(lm)	Standard Version (Lm/W)	Premium Version (Lm/W)
ZY-P1-20W	10/15/20	1ft × 4ft	3000/4000/5700K	2,200/2,500	110	125
ZY-P1-30W	20/25/30	1ft × 4ft	3000/4000/5700K	3,300/3,750	110	125
ZY-P1-40W	20/30/40	1ft × 4ft	3000/4000/5700K	4,400/5,000	110	125

PHOTOMETRIC DATA

Rated Power	20-40W	Beam Angle	110°
Input Voltage	100-277VAC	CRI	≥80
Frequency	50/60 Hz	Dimming Function	0 - 10 V
Power Factor	>0.9	Operating Temperature	-20°C to 50°C

PHOTOMETRIC DIAGRAM
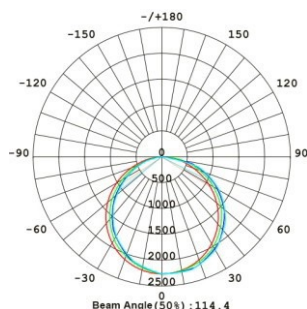

50W

P4

BASIC DATA

Product Number	Power Consumption Options (W)	Dimensions	CCT Options	Maximum Luminous Flux(lm)	Standard Version (Lm/W)	Premium Version Lm/W
ZY-P4-20W	10/15/20	2ft × 2ft	3000/4000/5700K	2,200/2,500	110	125
ZY-P4-30W	20/25/30	2ft × 2ft	3000/4000/5700K	3,300/3,750	110	125
ZY-P4-40W	20/30/40	2ft × 2ft	3000/4000/5700K	4,400/5,000	110	125

PHOTOMETRIC DATA

Rated Power	20-40W	Beam Angle	110°
Input Voltage	100-277VAC	CRI	≥80
Frequency	50/60 Hz	Dimming Function	0 - 10 V
Power Factor	>0.9	Operating Temperature	-20°C to 50°C

PHOTOMETRIC DIAGRAM

60W

ALINA LIGHTING SOLUTIONS

CCT/WATTAGE ADJUSTABLE LED FLAT PANEL

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BASIC DATA

Product Number	Power Consumption Options (W)	Dimensions	CCT Options	Maximum Luminous Flux(	Standard Version Lm/W)	Premium Version (Lm/W)
ZY-P7-40W	20/30/40	2ft × 4ft	3000/4000/5700K	4,400/5,000	110	125
ZY-P7-50W	30/40/50	2ft × 4ft	3000/4000/5700K	5,500/6,250	110	125
ZY-P7-60W	40/50/60	2ft × 4ft	3000/4000/5700K	6,600/7,500	110	125

PHOTOMETRIC DATA

Rated Power	40/50/60W	Beam Angle	110°
Input Voltage	100-277/120-347VAC	CRI	≥80
Frequency	50/60 Hz	Dimming Function	0 - 10 V
Power Factor	>0.9	Operating Temperature	-20°C to 50°C

PHOTOMETRIC DIAGRAM

Beam Angle(50%) :114.4
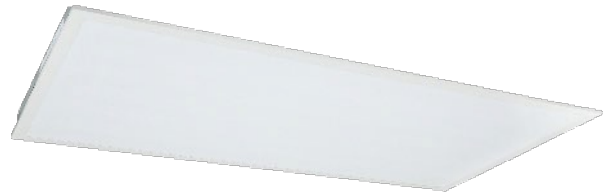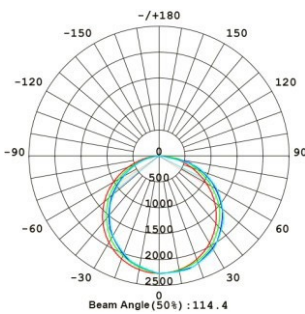
	Illuminance at a Distance		
	Center Beam fc	Beam Width	
17.0ft	9.77 fc	52.3 ft	52.4 ft
34.0ft	2.44 fc	104.6 ft	104.9 ft
51.0ft	1.09 fc	156.8 ft	157.3 ft
68.0ft	0.61 fc	209.1 ft	209.7 ft
85.0ft	0.39 fc	261.4 ft	262.1 ft
102.0ft	0.27 fc	313.7 ft	314.6 ft

Vert. Spread: 113.9°
Horiz. Spread: 114.1°

IsoCandela Plot

Cd: 2,541, 90%   Cd: 1,129, 40%
Cd: 2,117, 75%   Cd: 847, 30%
Cd: 1,694, 60%   Cd: 565, 20%
Cd: 1,412, 50%   Cd: 282, 10%
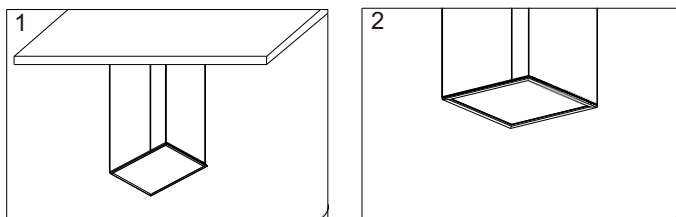Point of Max Cd: 2,825.8
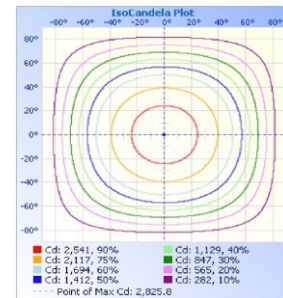
60W
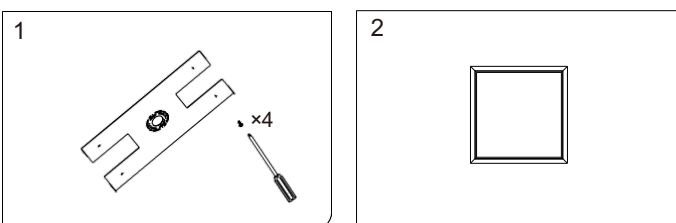
MOUNTING OPTION

Recessed Mount
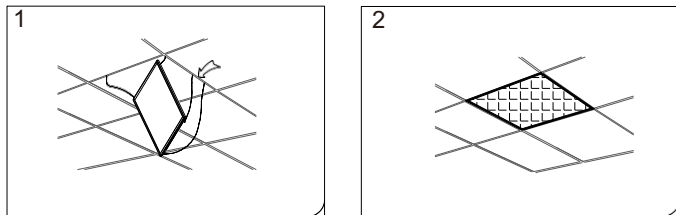
1. Safety wire design available.

2. Perfectly to replace tradit·ional fluorescent troffer.

Pendant Mount
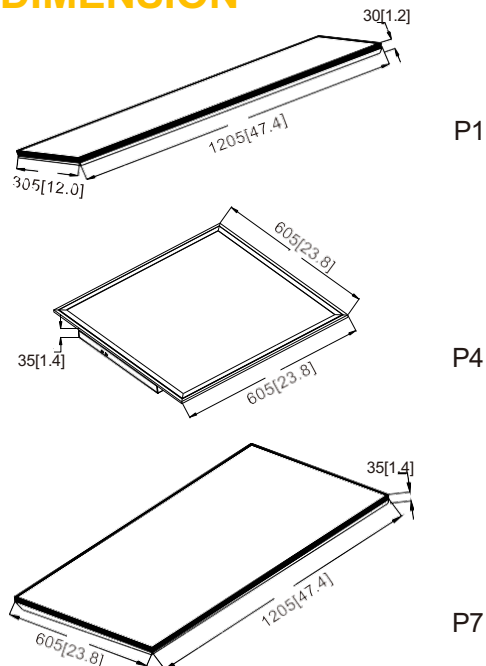

1. Wire pendant installation.

2. Conveniently to adjust the luminaires height

Surface Mount

×4

1. Tighten the installation bracket on the ceiling board

2. Easily to match the LED panel with bracket.

DIMENSION

30[1.2]
1205[47.4]
305[12.0]
P1

605[23.8]
35[1.4]
605[23.8]
P4

35[1.4]
1205[47.4]
605[23.8]
P7

Product Code	Product Size	Packing Dimension	PCS/Carton	N.W(kg)	G.W(kg)
P1	1' x 4'	1270*370*115mm	2PCS	4.15	5.5
P4	2' x 2'	670*670*115mm	2PCS	4.06	5.3
P7	2' x 4'	1270*670*115mm	2PCS	8.10	10.3

ORDERING GUIDE

ZY	Px	18/20/25/30/40/50/60/75W	XDZ/XNZ
Company Code	Series Code	Wattage	Dimmable/Non-dimmable

ALINA LIGHTING SOLUTIONS