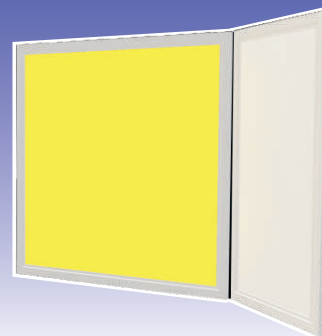


LED Panel Light



Suitable Locations

- Supermarkets
- Offices
- Hospitals
- Cinema
- Schools
- Gyms
- Retail

Advantage

Lumen Output more than 120 lumens per watt

CRI more than 80

Dimmable driver.

Input voltage is AC100-277/100-382V

Reduces energy consumption up to 60%.

5 years warranty

Surface mounting installation

Suitable for damp location

UL, cUL, and DLC

Glass-free, Flickering free

CCT Changeable Option

Internal Driver Option

Product Description

James New LED lens technology channels the light emitted by the LED's on the side of the fixture and directs the light downward creating uniform light distribution without hot spots, flicker or glare. Bright and powerful—the minimum 18-watt LED light has 90 LEDs with an output of up to 4,800 lumens, the maximum 75-watt LED light has 375 LEDs with output of up to 9,000 lumens. LEDs have Daylight 5,000K color temperatures, and With dimming function, it is recommended to use 0-10V dimmer.

LED light panels are designed for residential and commercial suspended grid ceilings. Varieties of size 1 x 1 ft, 1 x 4 ft, 1 x 2 ft, 2 x 2 ft, 2 x 4 ft LED panel light for office lighting, basement lighting, gym lighting, school lighting, hospital lighting, and more! Replace existing fluorescent troffer light fixtures or use for new construction applications.

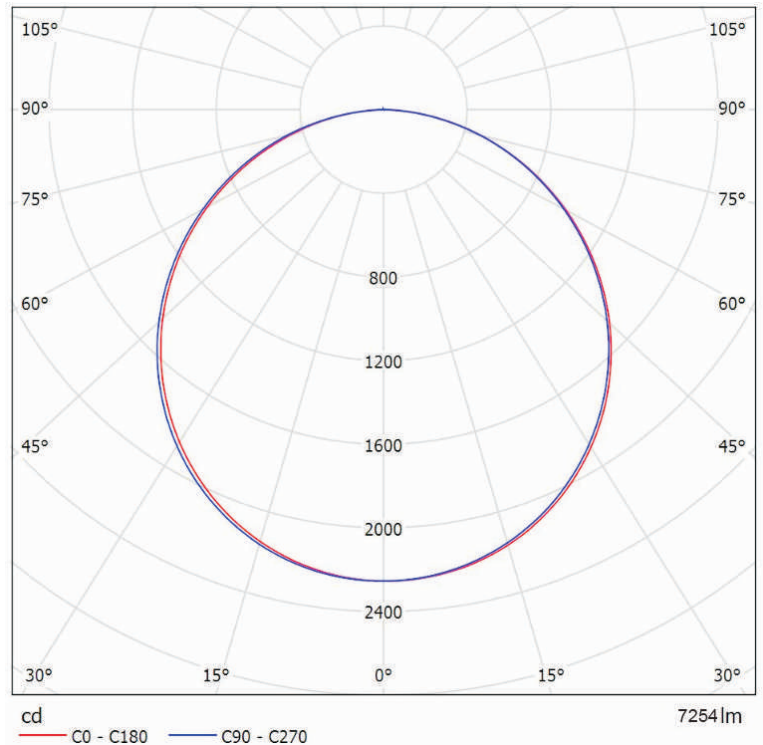
The energy-efficient, UL-Listed LED panel operates within a wide 100-277V/100-382 AC range, has a sturdy aluminum alloy frame with white finish and is designed for 50,000 hours of use—10 times longer than fluorescent panels.

Includes a UL-Recognized constant-current driver. HIGH QUALITY-flickering free, buzzing free, heat emittance free. Soft and uniform light distribution. EASY installation—These panels are designed for recessed mounting and does not require any accessories for recessed installation. Alternative mounting options are available: suspended and ceiling-mounted. Please contact our sales to inquire more.

Product Number	Power Consumption (W)	Dimensions (ft)	Color Temperature (K)	System Luminous Flux(lm)	System Efficacy (Lm/W)
ZY-P1-30W	30	1ft by 4ft	3000K-7000K	3,600	120
ZY-P1-40W	40	1ft by 4ft	3000K-7000K	4,800	120
ZY-P1-60W	60	1ft by 4ft	3000K-7000K	7,200	120

Photometric Data

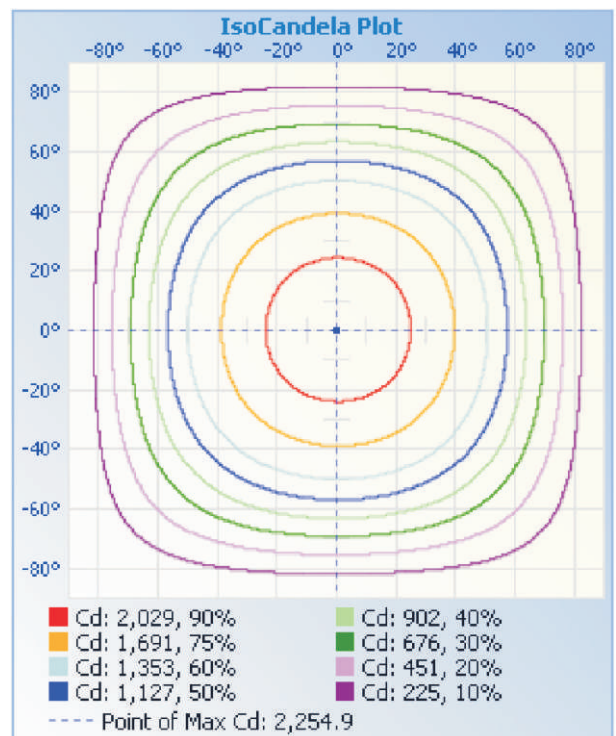
Rated Power	30/40/60W
Input Voltage	100-277/100-382VAC
Frequency	50 / 60 Hz
Power Factor	> 0.9
Beam Angle	110°
CRI	≥ 80
Dimming Function	0 - 10 V
Operating Temperature	-30°C to 45°C



60W illuminance plots

	Illuminance at a Distance	
	Center Beam fc	Beam Width
17.0ft	7.80 fc	52.3 ft 52.6 ft
34.0ft	1.95 fc	104.5 ft 105.1 ft
51.0ft	0.87 fc	156.8 ft 157.7 ft
68.0ft	0.49 fc	209.1 ft 210.3 ft
85.0ft	0.31 fc	261.3 ft 262.8 ft
102.0ft	0.22 fc	313.6 ft 315.4 ft

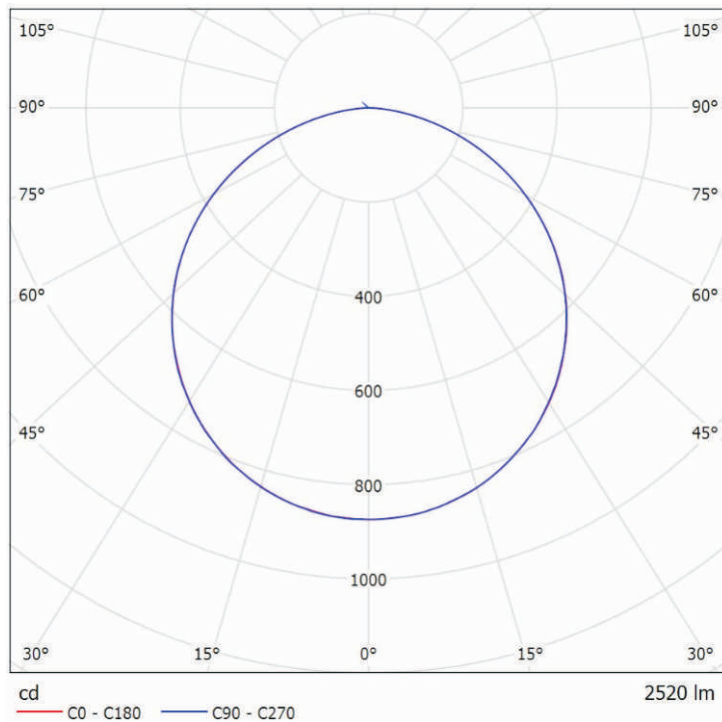
■ Vert. Spread: 113.9°
■ Horiz. Spread: 114.2°



Product Number	Power Consumption (W)	Dimensions (ft)	Color Temperature (K)	System Luminous Flux(lm)	System Efficacy (Lm/W)
ZY-P2-18W	18	1ft by 1ft	3000K-7000K	2,160	120
ZY-P2-20W	20	1ft by 1ft	3000K-7000K	2,400	120

Photometric Data

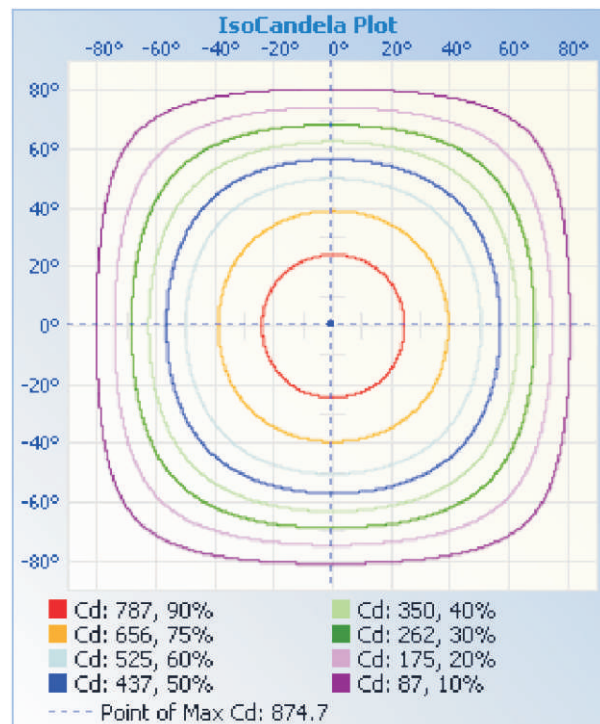
Rated Power	18/20W
Input Voltage	100-277/100-382VAC
Frequency	50 / 60 Hz
Power Factor	> 0.9
Beam Angle	110°
CRI	≥ 80
Dimming Function	0 - 10 V
Operating Temperature	-30°C to 45°C



20W illuminance plots

Illuminance at a Distance			
	Center Beam fc	Beam Width	
17.0ft	3.02 fc	52.0 ft	52.0 ft
34.0ft	0.76 fc	104.0 ft	103.9 ft
51.0ft	0.34 fc	156.0 ft	155.9 ft
68.0ft	0.19 fc	208.0 ft	207.9 ft
85.0ft	0.12 fc	260.0 ft	259.8 ft
102.0ft	0.08 fc	312.0 ft	311.8 ft

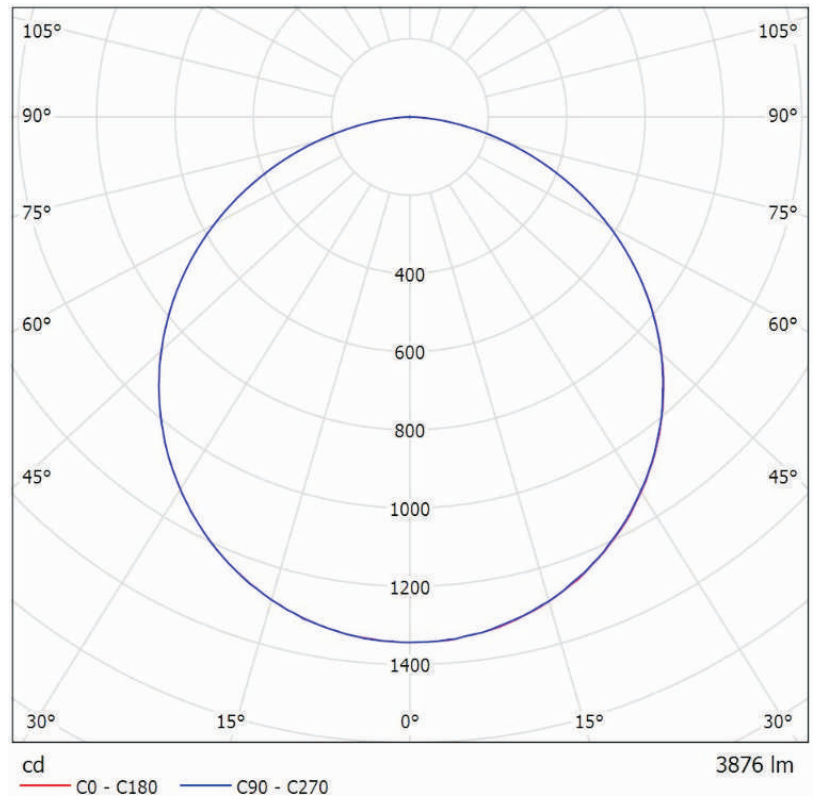
■ Vert. Spread: 113.6°
■ Horiz. Spread: 113.6°



Product Number	Power Consumption (W)	Dimensions (ft)	Color Temperature (K)	System Luminous Flux(lm)	System Efficacy (Lm/W)
ZY-P3-20W	20	1ft by 2ft	3000K-7000K	2,400	120
ZY-P3-25W	25	1ft by 2ft	3000K-7000K	3,000	120
ZY-P3-30W	30	1ft by 2ft	3000K-7000K	3,600	120

Photometric Data

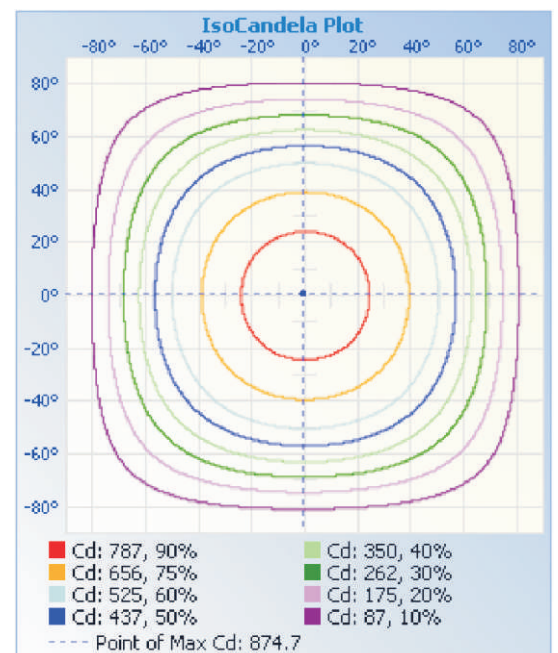
Rated Power	20/25/30W
Input Voltage	100-277/100-382VAC
Frequency	50 / 60 Hz
Power Factor	> 0.9
Beam Angle	110°
CRI	≥ 80
Dimming Function	0 - 10 V
Operating Temperature	-30°C to 45°C



30W illuminance plots

	Center Beam fc	Beam Width
17.0ft	4.65 fc	52.0 ft 52.0 ft
34.0ft	1.16 fc	104.1 ft 104.0 ft
51.0ft	0.52 fc	156.1 ft 156.0 ft
68.0ft	0.29 fc	208.2 ft 208.0 ft
85.0ft	0.19 fc	260.2 ft 260.0 ft
102.0ft	0.13 fc	312.3 ft 312.0 ft

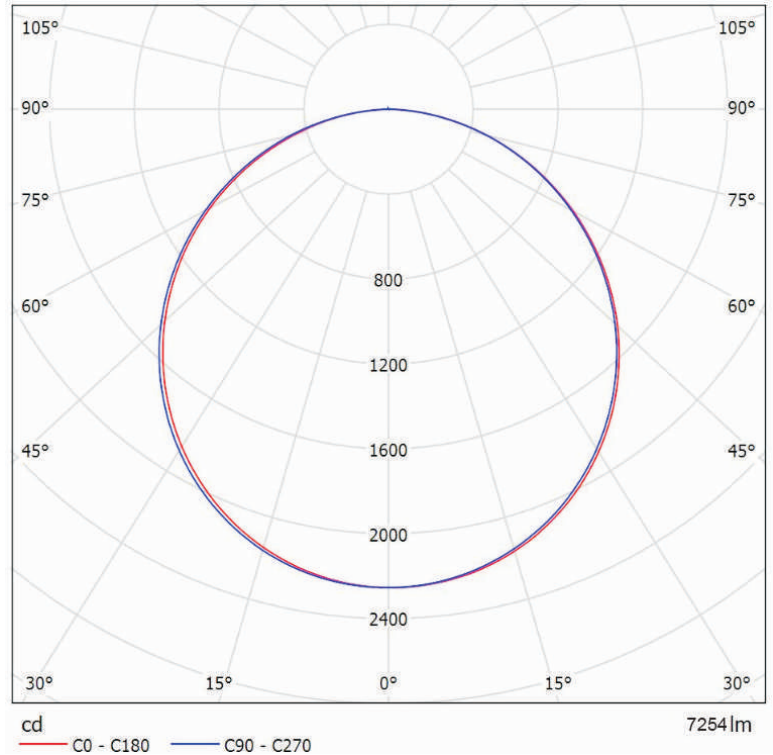
■ Vert. Spread: 113.7°
■ Horiz. Spread: 113.6°



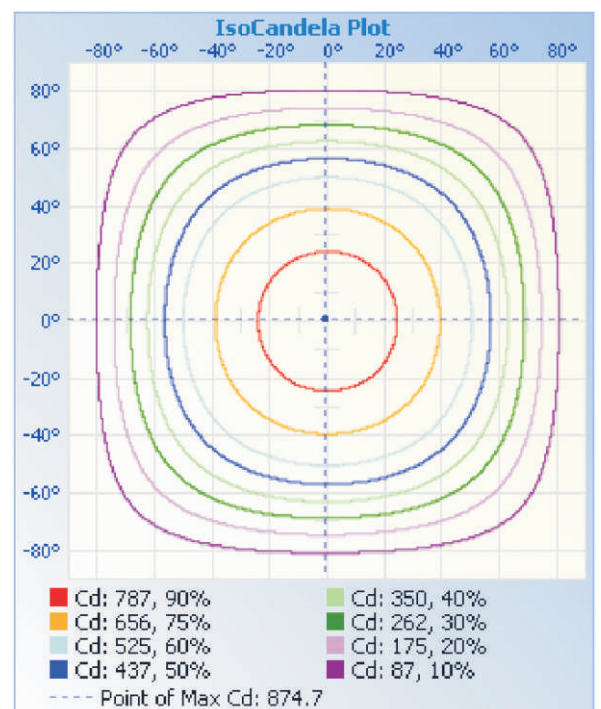
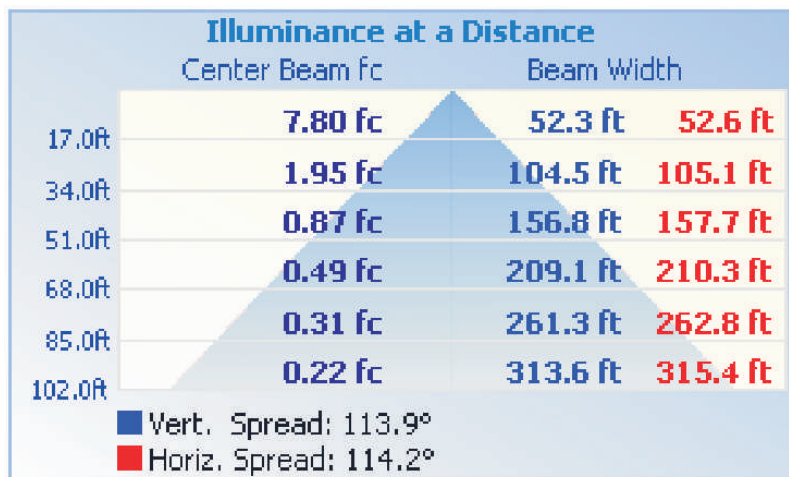
Product Number	Power Consumption (W)	Dimensions (ft)	Color Temperature (K)	System Luminous Flux(lm)	System Efficacy (Lm/W)
ZY-P4-20W	20	2ft by 2ft	3000K-7000K	2,400	120
ZY-P4-30W	30	2ft by 2ft	3000K-7000K	3,600	120
ZY-P4-40W	40	2ft by 2ft	3000K-7000K	4,800	120
ZY-P4-60W	60	2ft by 2ft	3000K-7000K	7,200	120

Photometric Data

Rated Power	30/40/60W
Input Voltage	100-277/100-382VAC
Frequency	50 / 60 Hz
Power Factor	> 0.9
Beam Angle	110°
CRI	≥ 80
Dimming Function	0 - 10 V
Operating Temperature	-30°C to 45°C



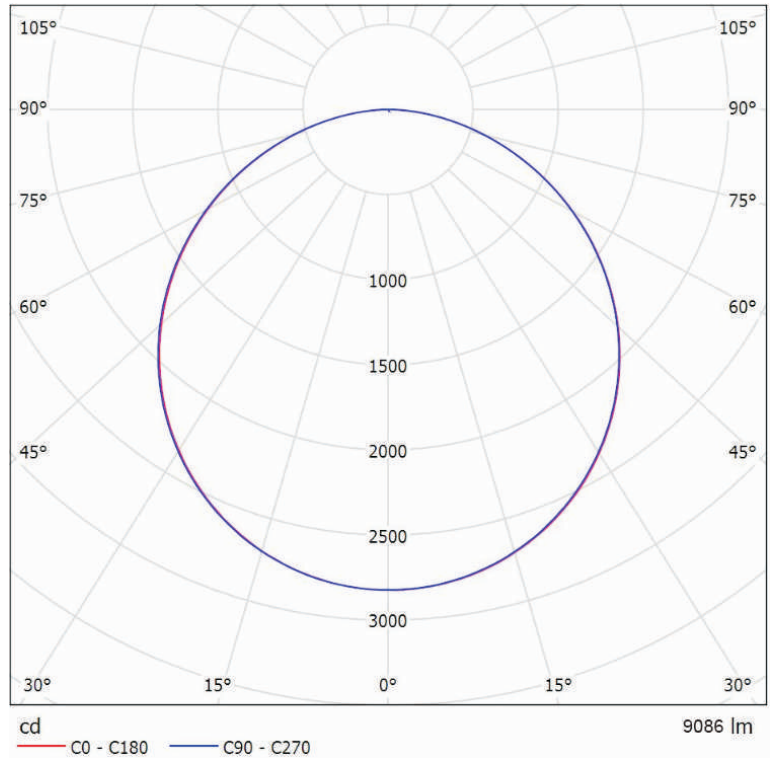
60W illuminance plots



Product Number	Power Consumption (W)	Dimensions (ft)	Color Temperature (K)	System Luminous Flux(lm)	System Efficacy (Lm/W)
ZY-P7-40W	40	2ft by 4ft	3000K-7000K	4,800	120
ZY-P7-50W	50	2ft by 4ft	3000K-7000K	6,000	120
ZY-P7-75W	75	2ft by 4ft	3000K-7000K	9,000	120

Photometric Data

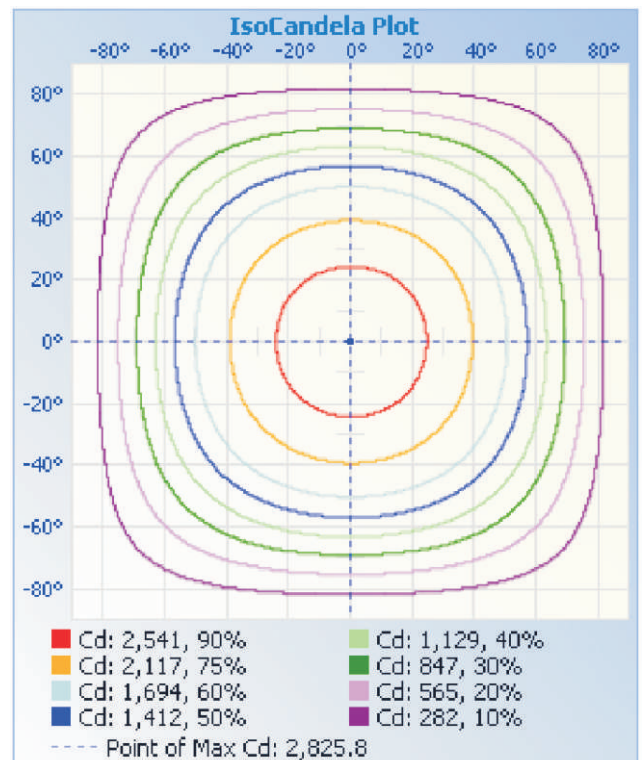
Rated Power	40/50/75W
Input Voltage	100-277/100-382VAC
Frequency	50 / 60 Hz
Power Factor	> 0.9
Beam Angle	110°
CRI	≥ 80
Dimming Function	0 - 10 V
Operating Temperature	-30°C to 45°C



75W illuminance plots

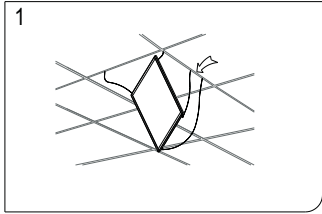
Illuminance at a Distance			
	Center Beam fc	Beam Width	
17.0ft	9.77 fc	52.3 ft	52.4 ft
34.0ft	2.44 fc	104.6 ft	104.9 ft
51.0ft	1.09 fc	156.8 ft	157.3 ft
68.0ft	0.61 fc	209.1 ft	209.7 ft
85.0ft	0.39 fc	261.4 ft	262.1 ft
102.0ft	0.27 fc	313.7 ft	314.6 ft

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

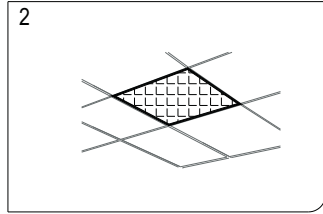


Mounting Option

Recessed way

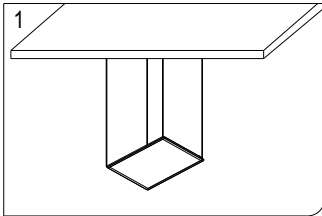


1. Safety wire design available.

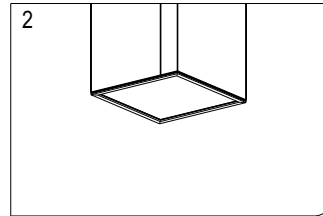


1. Perfectly to replace traditional fluorescent troffer.

Pendant way

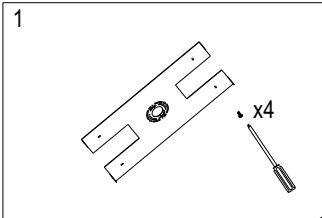


1. Wire pendant installation.

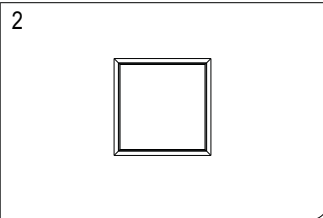


2. Conveniently to adjust the luminaires high.

Surface mouting

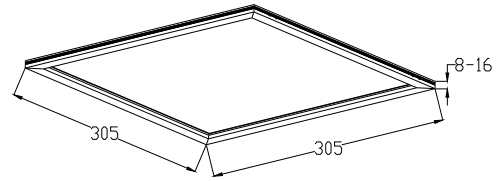


1. Tighten the installation bracket on the ceiling board

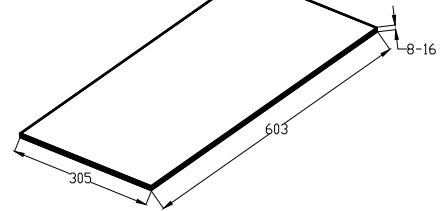


2. Easily to match the LED panel with bracket.

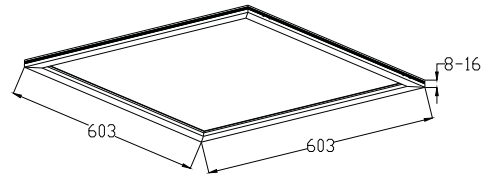
P2 series



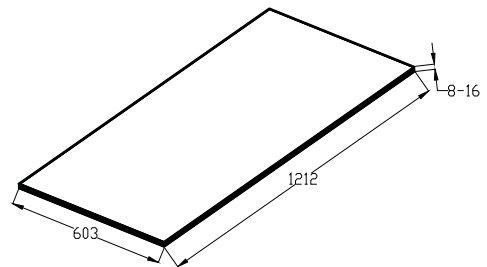
P3 series



P4 series

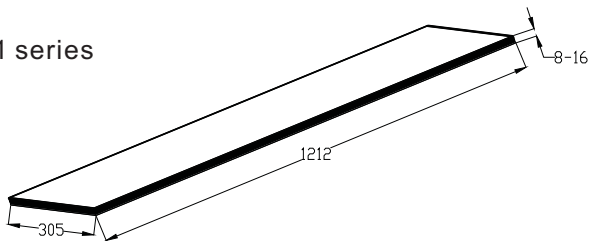


P7 series



Dimensions

P1 series



Ordering Guide

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