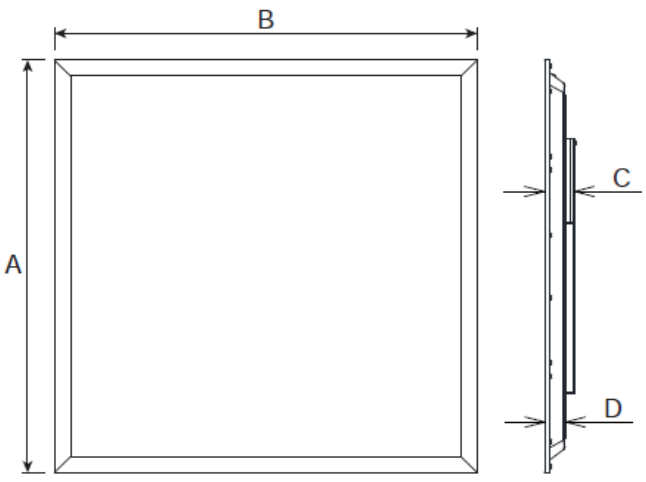
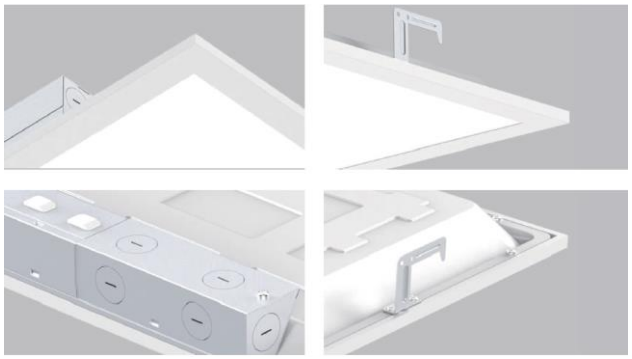
DEEP ROOF LIGHTING INC.
55 Sea Cliff Avenue, Glen Cove, NY 11542
P.O. Box 520191, Flushing, NY 11352
Tel: 516-676-9100, 9101, 9103, 9105, 9106
Fax: 516-676-9109
Web Site: www.deeprooflighting.com
Email: deeproof@aol.com jay@deeprooflighting.com

LED Flat Panel Back lights 3PC types UL ETL DLC



Model	Dimension(mm)				Size(mm)
	A	B	C	D	
2X2	603	603	42	32	603*603*42
1X4	303	1213	42	32	303*1213*42
2X4	603	1213	42	32	603*1213*42



***** DLC premium 125 - 130 Lumen per watt**
***** 100 - 277 VAC input**
***** 0-10 VDC dimming interface**

ITEM CODES

2X2

LP22-WP234-D345-(WA/M1) 20+30+40 W, 3500+4000+5000 K

LP22-WP334-D345-G1 30+35+40 W, 3500+4000+5000 K

LP22-WP334-D345-(J1-A/J1-E) 25+30+36 W, 3500+4000+5000 K

LP22-WP234-D345-(Z1/J1) 20+30+40 W, 3000+4000+5000 K

LP22-WP234-D456-WA 20+30+40 W, 4000+5000+6000 K

2X4

LP24-WP345-D345-(WA/U1/J1/M1/M1-G) 30+40+50 W, 3500+4000+5000 K

LP24-WP344-D345-JL 30+40+45 W, 3500+4000+5000 K

LP24-WP456-D345-Z1 40+50+60 W, 3000+4000+5000 K

LP24-WP345-D456-WA 30+40+50 W, 4000+5000+6000 K

1X4

LP14-WP345-D345-H1 30+40+50 W, 3000+4000-5000 K

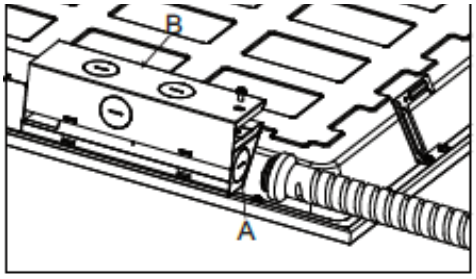
LP14-WP234-D345-WA 20+30+40 W, 3500+4000+5000 K

LP14-WP233-D345-JL 25+30+36 W, 3500+4000+5000 K

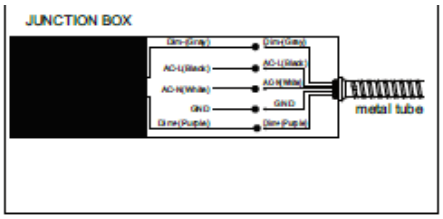
LP14-WP234-D456-WA 20+30+40 W, 4000+5000+6000 K

Technical Data Sheet

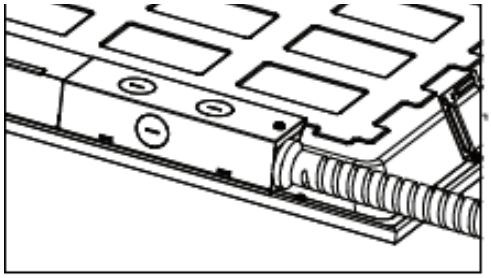
Dimension(mm)			603*603*42			303*1213*42			603*1213*42		
Cutout (mm)			–			–			–		
Watt(W)			20W	30W	40W	20W	30W	40W	30W	40W	50W
Rated Input Voltage(V)			AC100-277V								
Input Voltage(V)			AC90-305V								
LED Module Input			30-42V DC 500mA CC	30-42V DC 750mA CC	30-42V DC 950mA CC	30-42V DC 500mA CC	30-42V DC 750mA CC	30-42V DC 950mA CC	30-42V DC 750mA CC	30-42V DC 950mA CC	30-42V DC 1300mA CC
Light Source			SMD								
SDCM			<6								
CCT(K)			1-CCT: 3000K/3500K/4000K/5000K | 3-CCT: 3500K+4000K+5000K								
CCT Selection DIP Switch			Yes								
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	–								
	DIM		2500-2600	3750-3900	5000-5200	2500-2600	3750-3900	5000-5200	3750-3900	5000-5200	6250-6500
	Non-DIM	3-CCT	–								
	DIM		2500-2600	3750-3900	5000-5200	2500-2600	3750-3900	5000-5200	3750-3900	5000-5200	6250-6500
CRI			≥80								
Beam Angle (°)			120°								
UGR			22								
LED Driver			Built-out								
Dimming Option			0-10V								
Sensor			–								
Emergency Kits			–								
Electrical Class			Class I								
Ingress Protection (IP Rating)			IP20								
Impact Resistance (IK Rating)			–								
Product Finishing(Base)			White 9016								
Materials of Optics			PMMA(Lens)+PS(Diffuser)								
Materials of Housing			Aluminum(Frame)								
Lifetime (hr)			50,000h								
Glow wire test (℃)			650℃								
Operating Temp. (℃)			-20℃ ~45℃								
Storage Temp. (℃)			-20℃ ~65℃								



(1) Remove the knock-down hole on box by screwdriver (Part A),Remove screw and take out the driver cover (Part B)

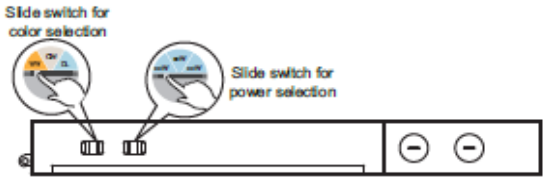


(2) Connect the wire as the picture showing.



(3) Cover the driver box and tighten it with a screwdriver,finish connection.

For the product with Slide Switch of CCT or power selection, please select the CCT or power needed before installation. (Ignore these steps if without the function)

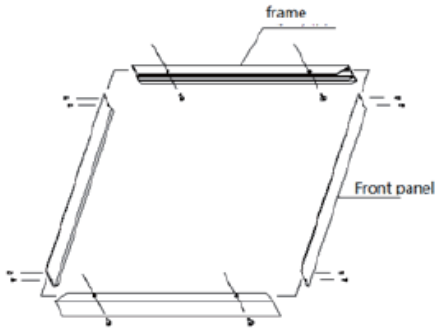


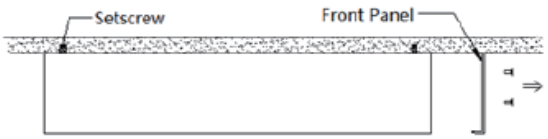
Backlit Panel Frame ------->

Surface Mount Frame

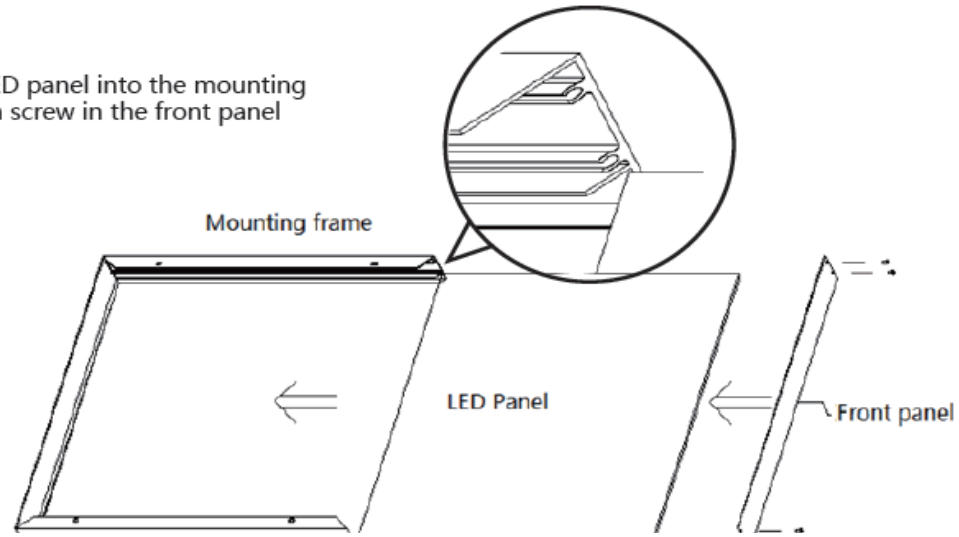
2x2 - 24 1/2" X 24 1/2" X 3 1/8"
2x4 - 24 1/2" X 47 13/16" X 3 1/8"
1 X 4 - 12 1/4" X 48" X 3"

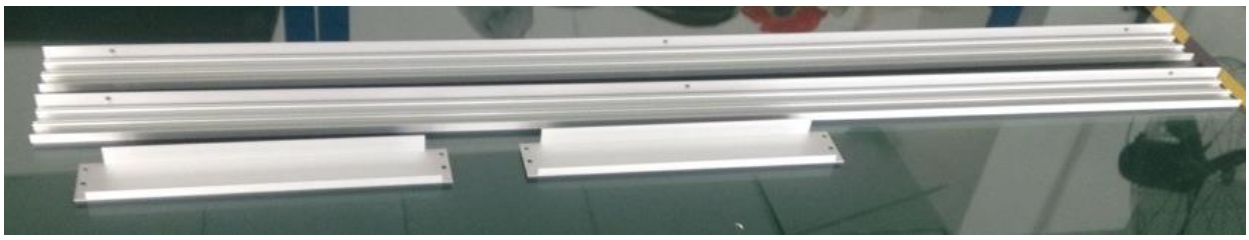
1. dis-assemble the front panel of the mounting frame and mount the frame into ceiling by setscrew.

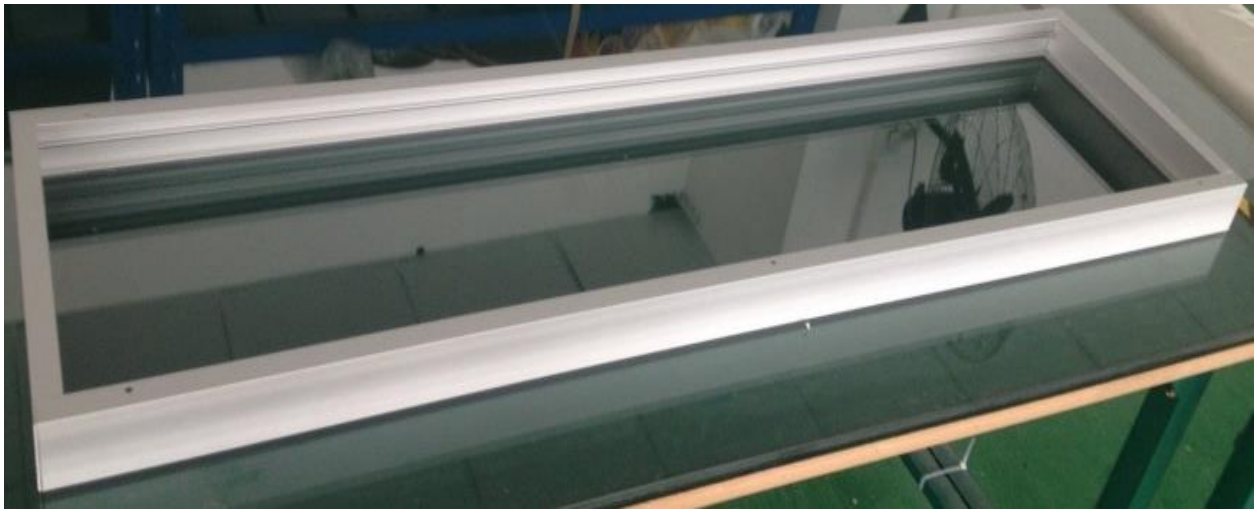




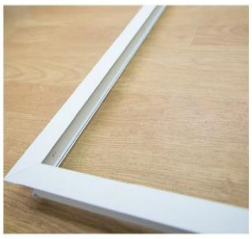
2. slide the LED panel into the mounting frame, then screw in the front panel







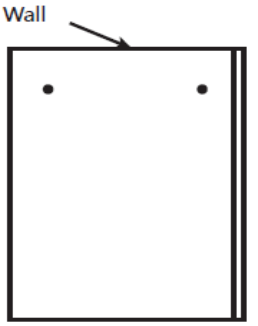
Recess Mount Frame **LP-AP-RW22** **LP-AP-RW24** **LP-AP-RW14**



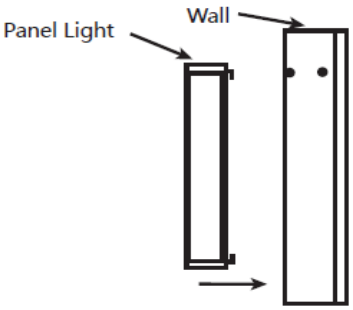
2X2
LP-AP-RW22

2X4

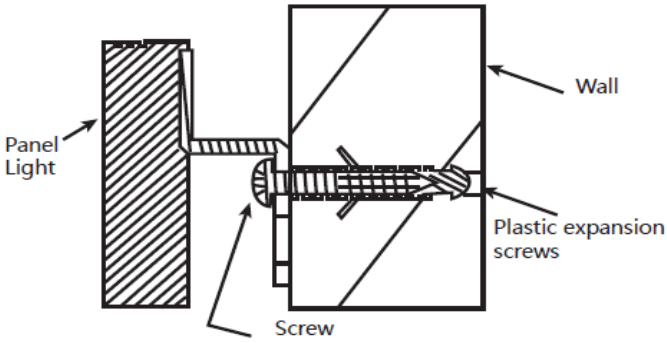
Wall Mount



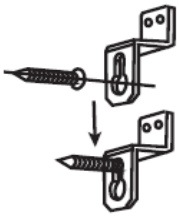
1. Nailing two plastic expansion screws and other screws into the wall according to the size shown in the illustration



2. Hanging the panel on the finished screws



3. This is the combining drawing for wall and panel, please make the installation according to thes installation drawing.



Installation illustration

4. Installation finished