



LED Edge-Lit Flat Panels

Standard Series

ASD LED Edge lit Flat Panels are modern, cutting edge fixtures producing 120lm/w. This Edge lit panel measures only 1/2 " thick making it one of the slimmest panels in the marketplace today. Our UL and DLC 4.0 Standard rated panel is high efficiency, absent of hazardous materials and maintenance-free.

Our LED panels are an ideal choice to reduce energy costs in commercial and residential applications. They are most commonly used in offices, schools, hospitals, retail stores and airports.

ASD LED Edge lit flat panels have low energy consumption, long life and a nice even light virtually eliminating glare and shadows. They can be mounted in a recessed, suspended or surface mount application.



FEATURES AND BENEFITS:

- ▶ Contemporary design
- ▶ Available in 2x2, 1x4 and 2x4 sizes
- ▶ Standard 0~10 V dimming
- ▶ Luminous efficiency 120 lm/W
- ▶ Low energy consumption
- ▶ White frame
- ▶ LED luminaire for recessed, suspended or surface mount
- ▶ DesignLights™ Consortium (DLC) listed (Classification: Standard)
- ▶ cULus certified
- ▶ L70 Life > 81,000 hrs
- ▶ 5-year limited warranty



ORDERING MATRIX:

Family	Size	Dimmable 0~10 V	Watts	CCT	Series
ASD-ELP	XX	D	XX	XX	STD
Edge-Lit Panel	22 = type 2x2	Dimmable	27 = 27 W	3,500 K	Standard
	14 = type 1x4		36 = 36 W	4,000 K	
	24 = type 2x4		40 = 40 W	5,000 K	
			50 = 50 W		



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LED EDGE-LIT PANEL STANDARD SERIES:

Model	Type	Watts	Dimming Compatible	CCT	Lumens	Dimensions (LxWxH)
ASD-ELP22D2735STD	2x2	27 W	YES	3,500 K	3,051 lm	23.7" x 23.7" x 0.4"
ASD-ELP22D2740STD	2x2	27 W	YES	4,000 K	3,296 lm	23.7" x 23.7" x 0.4"
ASD-ELP22D2750STD	2x2	27 W	YES	5,000 K	3,189 lm	23.7" x 23.7" x 0.4"
ASD-ELP22D3640	2x2	36 W	YES	4,000 K	4,350 lm	23.7" x 23.7" x 0.4"

ASD-ELP14D4040STD	1x4	40 W	YES	4,000 K	4,433 lm	11.8" x 47.7" x 0.39"
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ASD-ELP24D4035STD	2x4	40 W	YES	3,500 K	4,571 lm	47.8" x 23.7" x 0.4"
ASD-ELP24D4040STD	2x4	40 W	YES	4,000 K	4,974 lm	47.8" x 23.7" x 0.4"
ASD-ELP24D4050STD	2x4	40 W	YES	5,000 K	5,156 lm	47.8" x 23.7" x 0.4"
ASD-ELP24D5040	2x4	50 W	YES	4,000 K	6,100 lm	47.8" x 23.7" x 0.4"



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PRODUCT SPECIFICATIONS:

Construction & Materials				
Housing	Aluminum			
Lens	Translucent white PMMA			
Lens Type	Frosted			
Finish Color	White			
Weight	ASD-ELP22D2735STD	8.36 lbs (3.8 kg)	ASD-ELP24D4035STD	16.06 lbs (7.3 kg)
	ASD-ELP22D2740STD		ASD-ELP24D4040STD	
	ASD-ELP22D2750STD		ASD-ELP24D4050STD	
	ASD-ELP22D3640			
	ASD-ELP14D4040STD	10.2 lbs (4.6 kg)	ASD-ELP24D5040	18.92 lbs (8.6 kg)

Environmental System	
Work Environment	Indoor use
Operating Temperature	14-104°F (-10-40°C)
Humidity	20% - 85% RH, non condensing
L70 Life	> 81, 000 hrs

Optical System				
Luminous Flux	ASD-ELP22D2735STD	3,051 lm	ASD-ELP24D4035STD	4,571 lm
	ASD-ELP22D2740STD	3,296 lm	ASD-ELP24D4040STD	4,974 lm
	ASD-ELP22D2750STD	3,189 lm	ASD-ELP24D4050STD	5,156 lm
	ASD-ELP22D3640	4,350 lm	ASD-ELP24D5040	6,100 lm
	ASD-ELP14D4040STD	4,433 lm		
Color Temperature	3,500 K, 4,000 K, 5,000 K			
CRI	80			



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Electrical System				
Input Voltage	100~277VAC 50/60 Hz			
Max input current	ASD-ELP22D2735STD	0.4 A	ASD-ELP24D4035STD	0.6 A
	ASD-ELP22D2740STD		ASD-ELP24D4040STD	
	ASD-ELP22D2750STD		ASD-ELP24D4050STD	
	ASD-ELP22D3640	0.27 A	ASD-ELP24D5040	0.4 A
	ASD-ELP14D4040STD	0.6 A		
Off State Power	0 W			
Power Consumption	ASD-ELP22D2735STD	27 W	ASD-ELP24D4035STD	40 W
	ASD-ELP22D2740STD		ASD-ELP24D4040STD	
	ASD-ELP22D2750STD		ASD-ELP24D4050STD	
	ASD-ELP22D3640	36 W	ASD-ELP24D5040	50 W
	ASD-ELP14D4040STD	40 W		
Power Factor	≥ 0.9			
Output voltage	ASD-ELP22D2735STD	30-42 V	ASD-ELP24D4035STD	30-42 V
	ASD-ELP22D2740STD		ASD-ELP24D4040STD	
	ASD-ELP22D2750STD		ASD-ELP24D4050STD	
	ASD-ELP22D3640		ASD-ELP24D5040	
	ASD-ELP14D4040STD	30-40 V		
Max output current	ASD-ELP22D2735STD	700 mA	ASD-ELP24D4035STD	1050 mA
	ASD-ELP22D2740STD		ASD-ELP24D4040STD	
	ASD-ELP22D2750STD		ASD-ELP24D4050STD	
	ASD-ELP22D3640	380 mA	ASD-ELP24D5040	530 mA
	ASD-ELP14D4040STD	1000 mA		

Control	
Dimming Switch	Standard 0~10 V dimming 5% - 100%
Linking Qty	20 panels

Regular and Voluntary Certifications	
5-year limited warranty	
DesignLights Consortium (DLC) listed (Classification: Standard)	
cULus certified	E473854 - Recessed mounted panel

DIMMING COMPATIBLE CONTROLS

MFG	Model Number
Lutron	NFTV
Leviton	IPL710 DLZ, IPL710 DL
Cooper	SF10P-W



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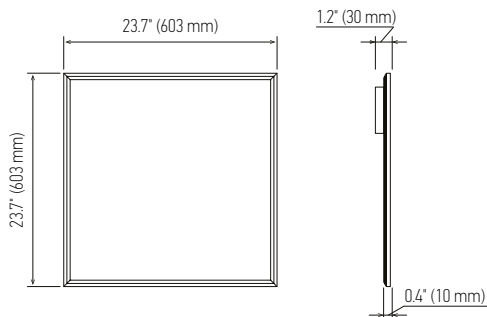
LED EDGE-LIT PANEL STANDARD SERIES ORDERING INFORMATION:

Model	Type	Watts	CCT	UPS	GTIN 14	Product Code	Pcs in one Carton	Carton Size	Carton Weight
ASD-ELP22D2735STD	2x2	27 W	3,500 K	857622006701	10857622006708	021.0132	4	25.6"x25.4"x6.7"	36.96 lbs
ASD-ELP22D2740STD	2x2	27 W	4,000 K	857622006688	10857622006685	021.0133	4	25.6"x25.4"x6.7"	36.96 lbs
ASD-ELP22D2750STD	2x2	27 W	5,000 K	857622006718	10857622006715	021.0134	4	25.6"x25.4"x6.7"	36.96 lbs
ASD-ELP22D3640	2x2	36 W	4,000 K	857622006244	00857622006251	021.0124	4	25.6"x25.4"x6.7"	36.96 lbs

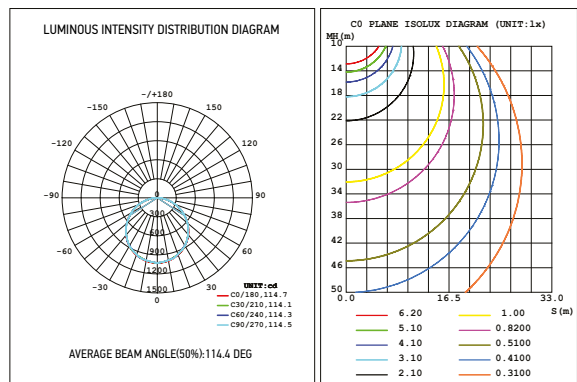
ASD-ELP14D4040STD	1x4	40 W	4,000 K	857622006664	10857622006661	021.0128	4	49.2"x13.6"x6.7"	40.78 lbs
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ASD-ELP24D4035STD	2x4	40 W	3,500 K	857622006725	10857622006722	021.0138	2	49.4"x25.4"x3.35"	36.08 lbs
ASD-ELP24D4040STD	2x4	40 W	4,000 K	857622006695	10857622006692	021.0139	2	49.4"x25.4"x3.35"	36.08 lbs
ASD-ELP24D4050STD	2x4	40 W	5,000 K	857622006732	10857622006739	021.0140	2	49.4"x25.4"x3.35"	36.08 lbs
ASD-ELP24D5040	2x4	50 W	4,000 K	857622006268	00857622006275	021.0125	2	50"x26.4"x4.3"	38.06 lbs

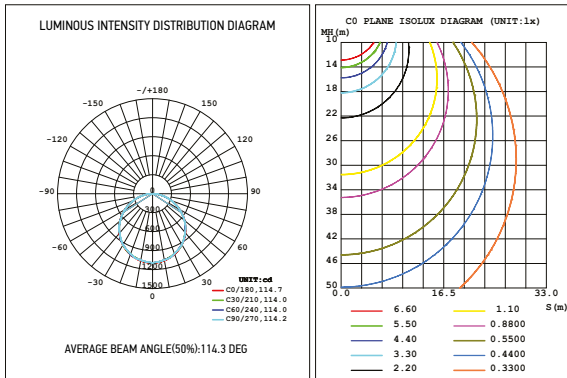
TYPE 2x2 27W



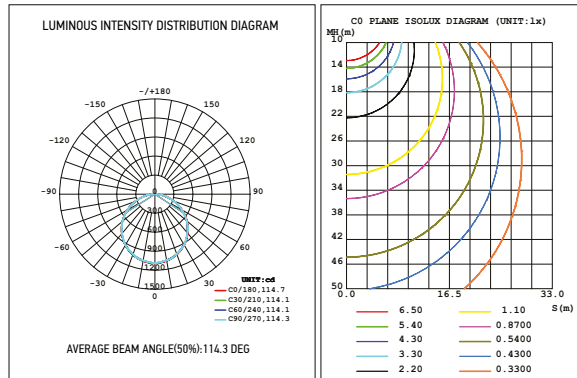
3,500K



4000K



5000K

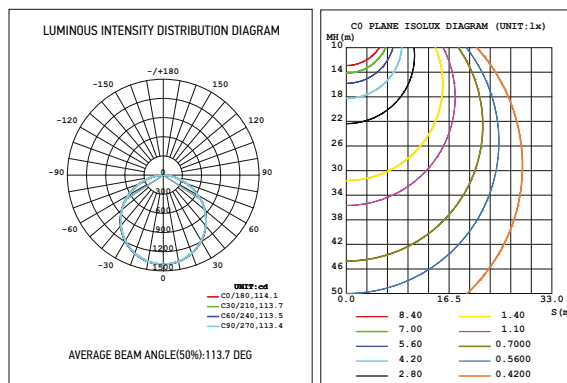
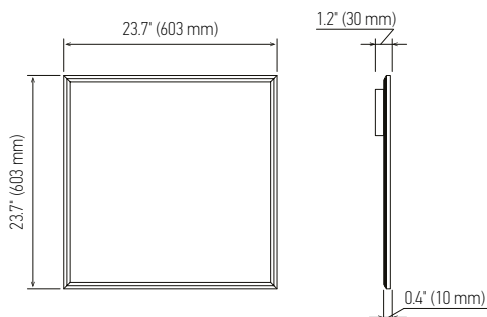




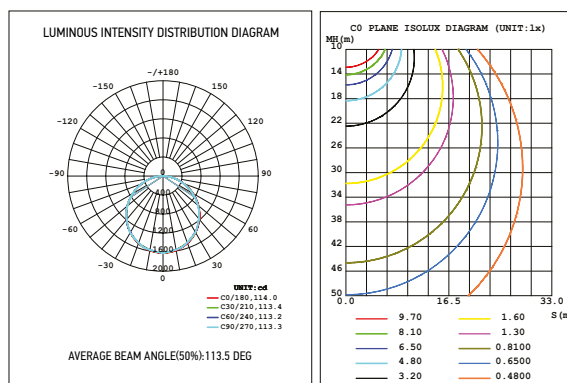
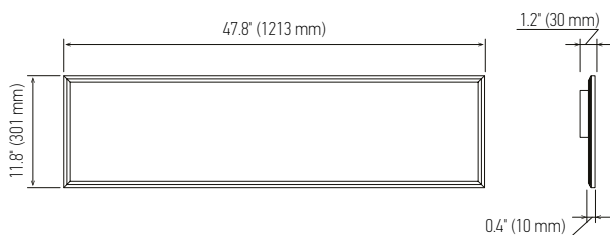
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TYPE 2x2 36W



TYPE 1x4 40W

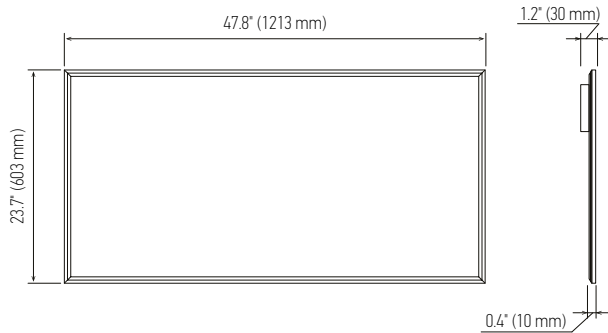




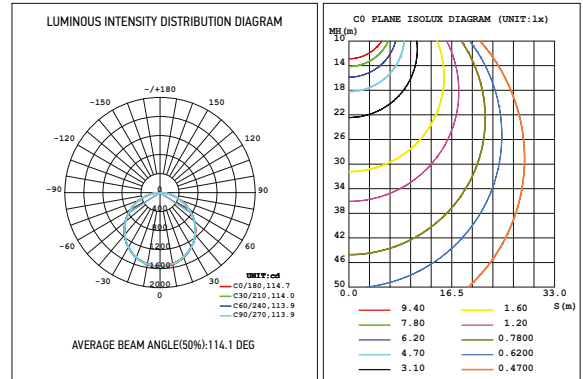
LED Edge-Lit Flat Panels

Standard Series

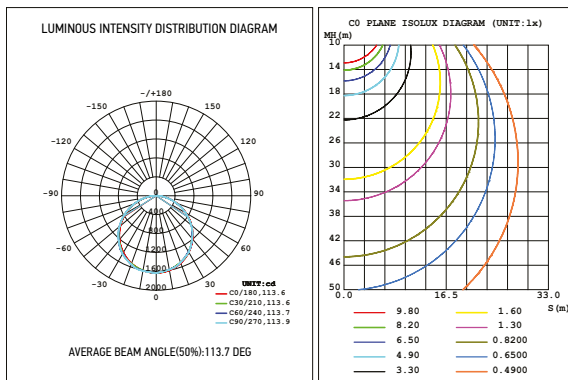
TYPE 2x4 40W



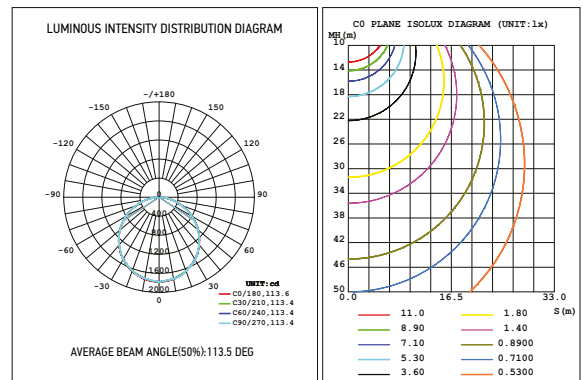
3,500K



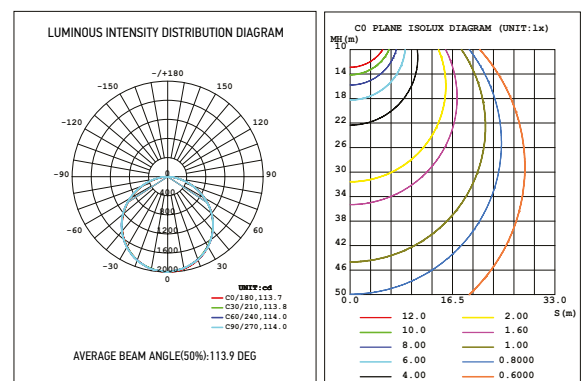
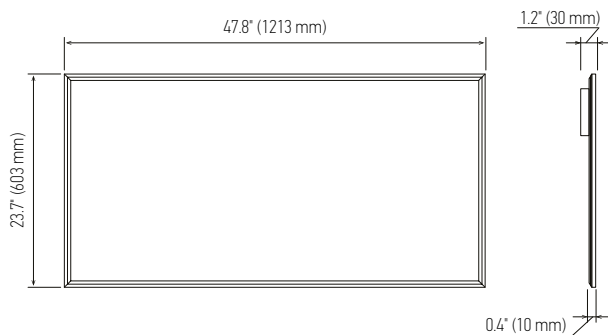
4000K



5000K



TYPE 2x4 50W





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⚠ WARNING

RISK OF PERSONAL INJURY – READ and follow all WARNINGS and installation instructions.

Keep or give to the owner for future reference.

Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Risk of Fire: Minimum 90°C supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

ASD® assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

For recessed installation: Access above ceiling required. Inherently protected. Vapor barrier must be suitable for 90°C.

⚠ AVERTISSEMENT

RISQUE DE BLESSURES – Lisez et suivez toutes les MISES EN GARDE et les instructions d'installation.

Tenir ou fournir au propriétaire pour référence future.

Risque de coupures: Porter des gants pour éviter les coupures ou des écorchures lors du retrait du carton, de la manutention, l'installation et le maintien de ce produit.

Risque de choc électrique: Ce produit doit être installé conformément au code d'installation applicable par une personne familiarisée avec la construction et l'exploitation du produit et les risques impliqués.

Risque d'incendie: minimum 90° C Alimentation conducteurs. Consultez un électricien qualifié pour assurer le bon conducteur de circuit de dérivation.

ASD® n'assume aucune responsabilité pour les réclamations découlant d'une installation inadéquate ou négligente ou de la manipulation de ce produit.

Pour installation encastré: Accès-dessus du plafond nécessaire. Intrinsèquement protégé. Barrière de vapeur doit être adapté à 90°C. Tapez IC.

⚠ ADVERTENCIA

RIESGO DE LESIONES PERSONALES – Lea y siga todas las advertencias e instrucciones de instalación.

Mantener o proporcionar al propietario para referencia futura.

Riesgo de cortes: Use guantes para evitar cortes o abrasiones en la eliminación de la caja, manejo, instalación y mantenimiento de este producto.

Riesgo de choque eléctrico. Este producto debe ser instalado de acuerdo con el código de Instalación aplicable en que una persona familiarizada con la construcción y operación del producto y los riesgos involucrados.

Riesgo de Incendio: Mínimo 90° C los conductores de suministro. Consulte a un electricista calificado para asegurarse el conductor correcto del circuito.

ASD® no asume ninguna responsabilidad por reclamaciones derivadas de una instalación inadecuada o negligente o la manipulación de este producto.

Para instalación empotrada: Acceso por encima del techo requerido. Inherentemente protegida. Barrera de vapor debe ser adecuado para 90°C. Escriba IC.



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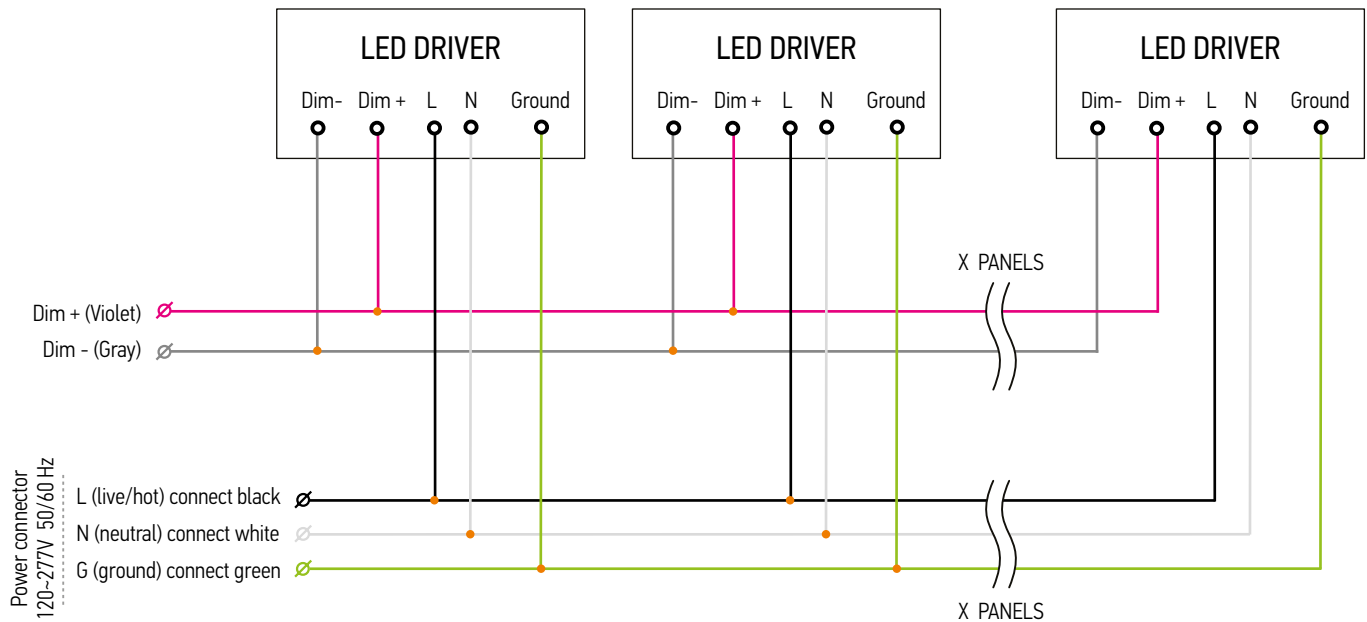
INSTALLATION GUIDE

IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation.

- ▶ Make sure that the supply voltage corresponds to the rated product voltage.
- ▶ The product is designed for indoor use only.
- ▶ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- ▶ If the product is damaged, do not use it.
- ▶ This panel must be used with the included ASD LED driver.

ELECTRICAL SCHEMATIC DIAGRAM





LED Edge-Lit Flat Panels

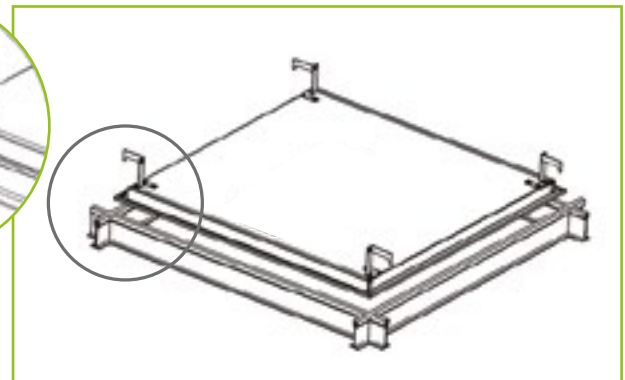
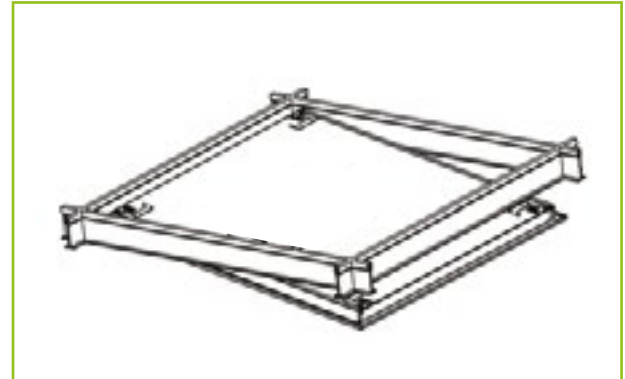
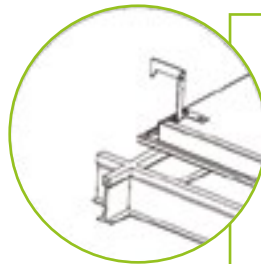
Standard Series

RECESSED MOUNT

1. Choose the ceiling panel where you want to install the product, and remove it. For convenience, move adjacent ceiling tiles.

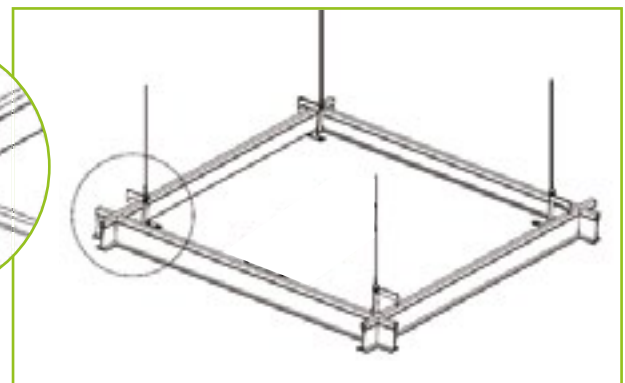
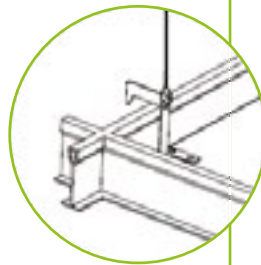
2. Fix the LED Panel into the ceiling: raise up the product above the bar, then place it on T-bars.

Two bend points for all four tabs



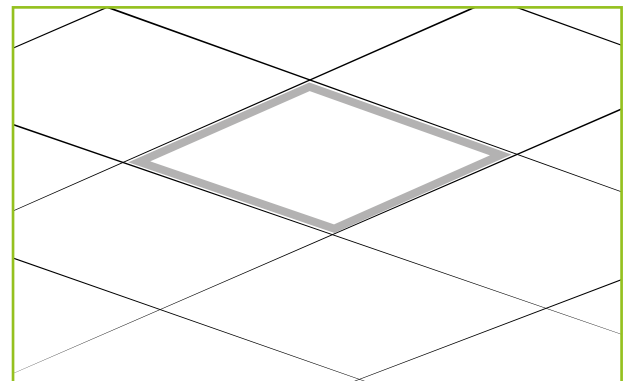
3. Secure the panel with the grid as shown in the picture.

Ensure the tab is securely attached to the grid



4. Connect wires as shown in electrical schematic diagram above.
5. Return the adjacent ceiling tiles to their places.
6. Turn on the main power. Installation is finished.

Compatible with grid size		
15/16"	Slot T	15/16" Tegrular

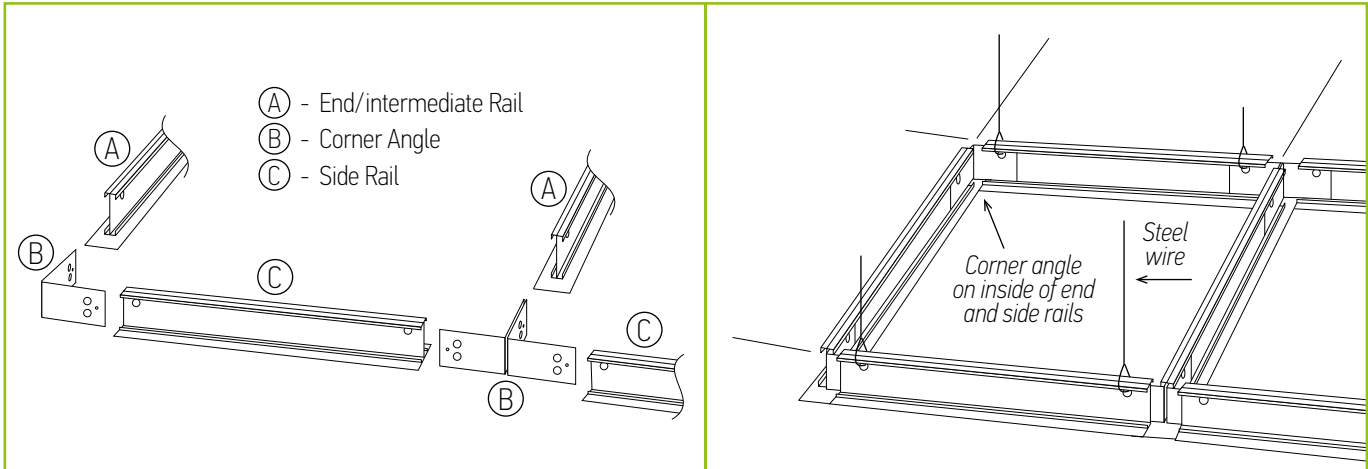




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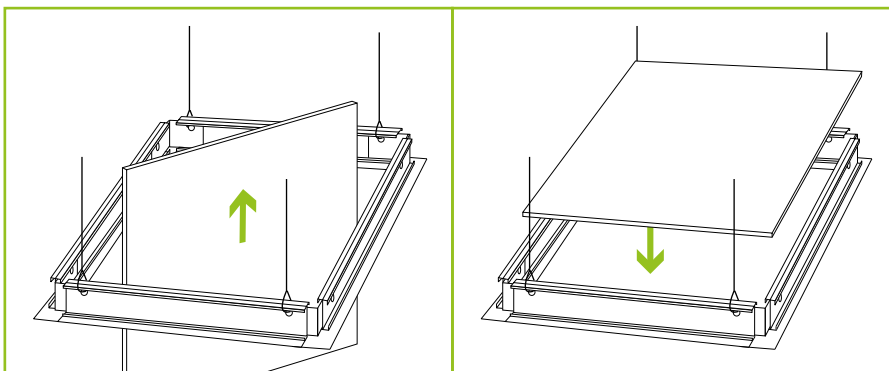
RECESSED SHEETROCK MOUNT



1. Following the picture above, slide part B into the inboard side of parts C and A as shown.
2. Place assembled frame into a ceiling opening and add steel wires for support as pictured below.

Note:

- For best results, attach supporting steel wires going into the ceiling to sides of frame after assembly
- End rail can be used as intermediate rail for tandem row



After wiring fixture, carefully slide it through ceiling opening, rotate and drop fixture into place.

Accessories for recessed sheetrock mount are sold separately.

FRAME FOR RECESSED SHEETROCK MOUNTING ORDERING INFORMATION:

GTIN 12	Model Number	Panel Size
855029006393	ASD-FDW-ELP22	2x2
857622006220	ASD-FDW-ELP14	1x4
857622006107	ASD-FDW-ELP24	2x4



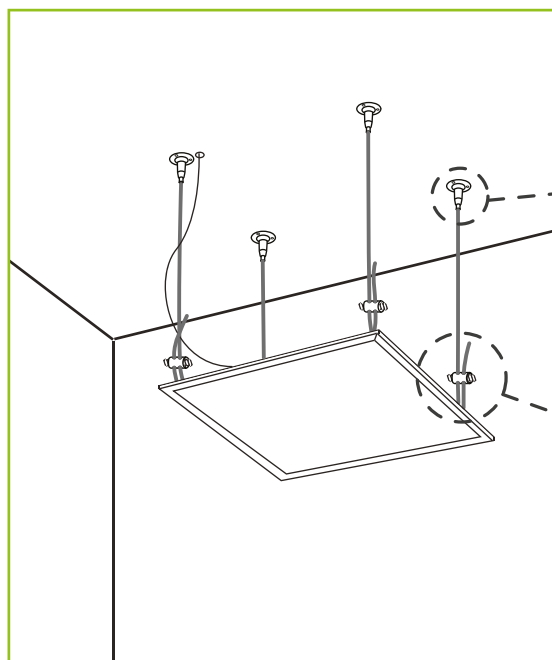
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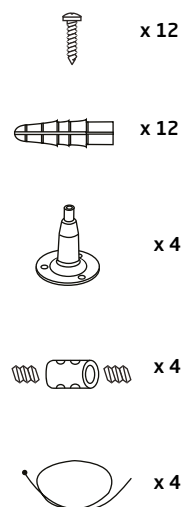
SUSPENDED MOUNT

(only for 2x2 and 1x4 LED Edge-Lit flat panels):

1. Make sure that the ceiling can hold the weight of the LED panel and install ceiling brackets suitable to support the weight of the LED panel. Affix cables.
2. Connect the wires as shown in electrical schematic diagram.
3. Attach the suspended cables to the bends at the edges of the LED flat panel.
4. Turn on the main power. Installation is finished.



Accessories Set



Accessories for suspended mount are sold separately.

CEILING HANGING SET ORDERING INFORMATION:

GTIN 12	Model Number	Suspended cables lengths
859961005148	ASD-CHS4	4 ft (1220 mm)
855029006522	ASD-CHS6	6 ft (1830 mm)



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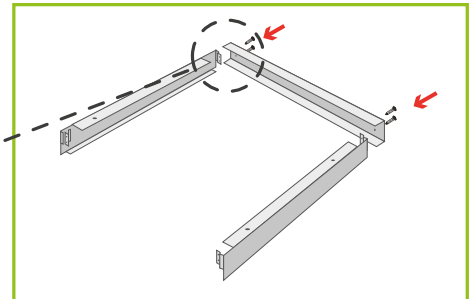
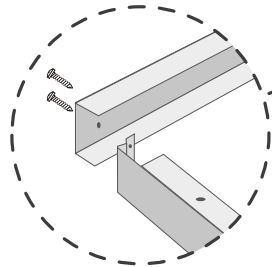
Standard Series

SURFACE MOUNT

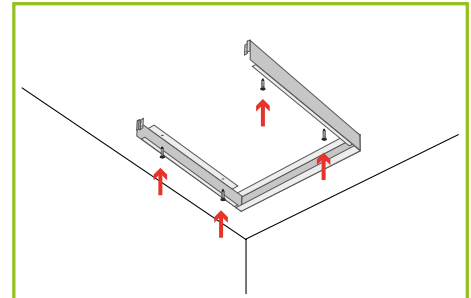
Wall/ceiling mount:

1. Put the pieces of frame to any horizontal surface.

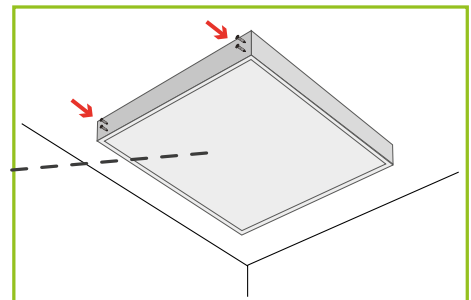
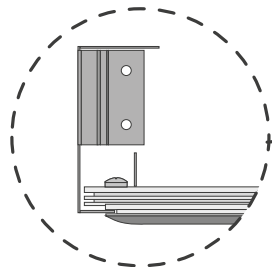
Connect three pieces together with screws (included)



2. Connect these 3 pieces of the frame to the ceiling using four screws.
3. Connect the panel wires as shown in electrical schematic diagram.



Insert the panel into the frame formed by three connected pieces



4. Attach the fourth piece and secure with screws.
5. Turn on the main power. Installation is complete.

Accessories for surface mount are sold separately.

FRAME FOR SURFACE MOUNTING ORDERING INFORMATION:

GTIN 12	Model Number	Panel Size
859961005315	ASD-FELP22	2x2
859961005322	ASD-FELP14	1x4
859961005339	ASD-FELP24	2x4