



# CONSTRUCT

## CONSTRUCT PENDANT MOUNT KITS (CPMK-U) U-SHAPE CPMK-U-X-X

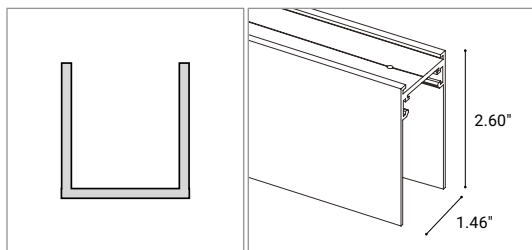
PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_ DATE: \_\_\_\_\_

NOTES: \_\_\_\_\_



### MOUNT: Pendant Mount




### RUN SHAPE: U-Shape

### FEATURE

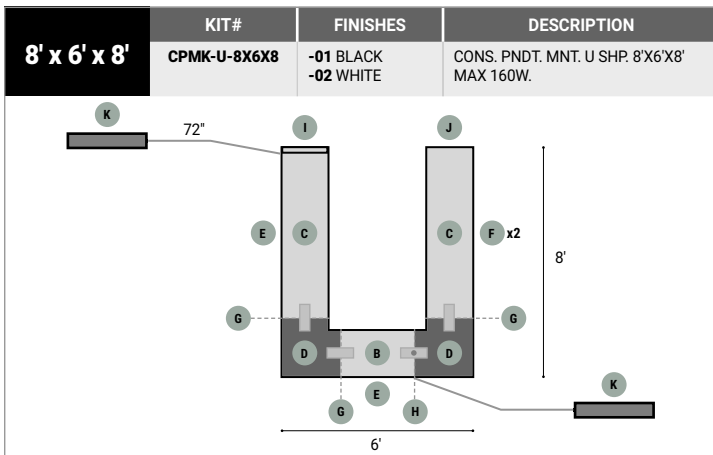
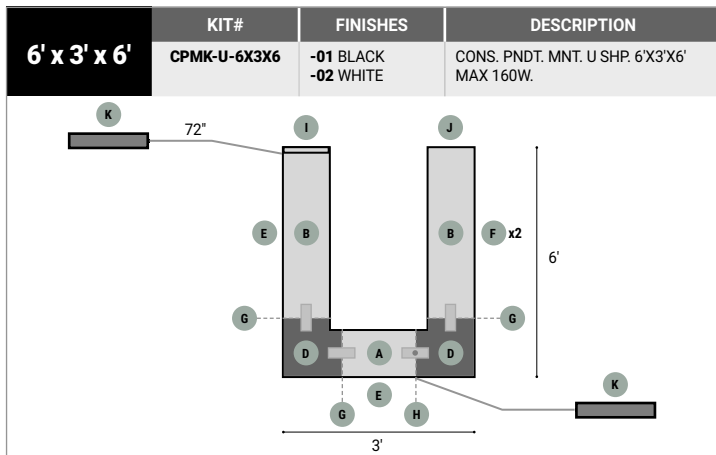
Choose from a selection of complete structure kits designed for pendant mount U-shape applications. All kits come complete with all necessary components to facilitate complete installation including aluminum channels, power feed, canopy & suspension wire, connectors, mounting hardware and remote power supply.

### SPECIFICATIONS












APPLICATION	Pendant Mount Drywall Ceiling or T-Bar Ceiling
AVAILABLE FINISH	White or black
CONSTRUCTION	Extruded Aluminum
INPUT VOLTAGE	120V to Remote Driver 24V DC to lighting fixtures
APPROVED LOCATION	Dry / Indoor
DIMMING	TRIAC
REMOTE DRIVER	Hardwire 96W, 24V DC
LIGHTING FIXTURE CCT	3000K   3500K
LIGHTING FIXTURE WATTAGE / LUMENS	See lighting fixtures on page 3
ELECTRICAL APPROVAL	
WARRANTY	5 Years

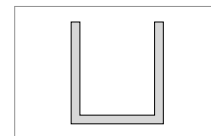
### STEP 1 PENDANT MOUNT KITS

Simply choose the appropriate kit for your requirements and then select the fixtures you wish to use in your kits that be found on page 3.  
Please note to observe published max wattage.

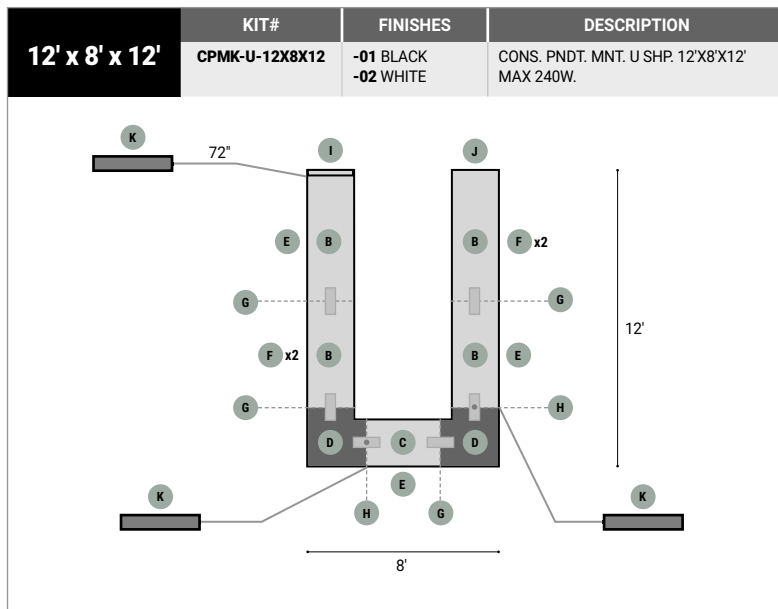


### PENDANT MOUNT ACCESSORIES

A	B	C	D	E	F	G	H	I	J	K
										
3FT. PENDANT MOUNT PROFILE MATTE BLACK: 35767-01 MATTE WHITE: 35767-02	6FT. PENDANT MOUNT PROFILE MATTE BLACK: 35768-01 MATTE WHITE: 35768-02	8FT. PENDANT MOUNT PROFILE MATTE BLACK: 35769-01 MATTE WHITE: 35769-02	HORIZONTAL CORNER L-SHAPED CONNECTOR FOR CEILING OR WALL MATTE BLACK: 35814-01 MATTE WHITE: 35814-02	PENDANT KIT WITH CANOPY BLACK: 35796-015 WHITE: 35796-02	PENDANT KIT 35797-012	CIRCUIT JOINT BLACK: 36361-01 WHITE: 36361-02	POWER JOINT BLACK: 36363-01 WHITE: 36363-02	END CAP WITH POWER CORD BLACK: 36368-01 WHITE: 36368-02	END CAP WITHOUT POWER CORD BLACK: 36370-01 WHITE: 36370-02	DRIVER (TRIAC) 30264-014

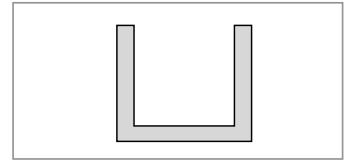


RUN SHAPE: U-Shape



## PENDANT MOUNT ACCESSORIES

























































A	B	C	D	E	F	G	H	I	J	K
<b>3FT. PENDANT MOUNT PROFILE</b> MATTE BLACK: 35767-01 MATTE WHITE: 35767-02	<b>6FT. PENDANT MOUNT PROFILE</b> MATTE BLACK: 35768-01 MATTE WHITE: 35768-02	<b>8FT. PENDANT MOUNT PROFILE</b> MATTE BLACK: 35769-01 MATTE WHITE: 35769-02	<b>HORIZONTAL CORNER L-SHAPED CONNECTOR FOR CEILING OR WALL</b> MATTE BLACK: 35814-01 MATTE WHITE: 35814-02	<b>PENDANT KIT WITH CANOPY</b> BLACK: 35796-015 WHITE: 35796-02	<b>PENDANT KIT</b> 35797-012	<b>CIRCUIT JOINT</b> BLACK: 36361-01 WHITE: 36361-02	<b>POWER JOINT</b> BLACK: 36363-01 WHITE: 36363-02	<b>END CAP WITH POWER CORD</b> BLACK: 36368-01 WHITE: 36368-02	<b>END CAP WITHOUT POWER CORD</b> BLACK: 36370-01 WHITE: 36370-02	<b>DRIVER (TRIAC)</b> 30264-014



**RUN SHAPE: U-Shape**

STEP  
2

**SELECT FIXTURES\***

FIXTURE		ITEM CODE	CCT	FINISH		FIXTURE	ITEM CODE	CCT	FINISH		
LENS		36372-01	3000 K	BLACK		DUAL LENS		35765-01	3000 K	BLACK	
		36372-35-01	3500 K	BLACK				35765-35-01	3500 K	BLACK	
		36372-02	3000 K	WHITE				35765-02	3000 K	WHITE	
		36372-35-02	3500 K	WHITE				35765-35-02	3500 K	WHITE	
WATTS		LENGTH	CCT	INT. LUMENS	DEL. LUMENS	WATTS	LENGTH	CCT	INT. LUMENS	DEL. LUMENS	
10 W		11.90"	3000K, 3500K	772	472	4.5 W	4.13"	3000K, 3500K	362	180	
LENS		36373-01	3000 K	BLACK		WALL WASH		36376-01	3000 K	BLACK	
		36373-35-01	3500 K	BLACK				36376-35-01	3500 K	BLACK	
		36373-02	3000 K	WHITE				36376-02	3000 K	WHITE	
		36373-35-02	3500 K	WHITE				36376-35-02	3500 K	WHITE	
WATTS		LENGTH	CCT	INT. LUMENS	DEL. LUMENS	WATTS	LENGTH	CCT	INT. LUMENS	DEL. LUMENS	
19 W		23.74"	3000K, 3500K	1824	1197	11 W	5.62"	3000K, 3500K	975	462	
LENS		36374-01	3000 K	BLACK		MULTIPLE SPOT		36379-01	3000 K	BLACK	
		36374-35-01	3500 K	BLACK				36379-35-01	3500 K	BLACK	
		36374-02	3000 K	WHITE				36379-02	3000 K	WHITE	
		36374-35-02	3500 K	WHITE				36379-35-02	3500 K	WHITE	
WATTS		LENGTH	CCT	INT. LUMENS	DEL. LUMENS	WATTS	LENGTH	CCT	INT. LUMENS	DEL. LUMENS	
27.5 W		35.55"	3000K, 3500K	2286	1428	11 W	5.67"	3000K, 3500K	975	463	
MULTIPLE		35757-01	3000 K	BLACK		MINI SPOT		35763-01	3000 K	BLACK	
		35757-35-01	3500 K	BLACK				35763-35-01	3500 K	BLACK	
		35757-02	3000 K	WHITE				35763-02	3000 K	WHITE	
		35757-35-02	3500 K	WHITE				35763-35-02	3500 K	WHITE	
WATTS		LENGTH	CCT	INT. LUMENS	DEL. LUMENS	WATTS	LENGTH	CCT	INT. LUMENS	DEL. LUMENS	
11 W		5.67"	3000K, 3500K	962	686	6.4 W	4.13"	3000K, 3500K	604	335	
MULTIPLE		35758-01	3000 K	BLACK		SPOT		35764-01	3000 K	BLACK	
		35758-35-01	3500 K	BLACK				35764-35-01	3500 K	BLACK	
		35758-02	3000 K	WHITE				35764-02	3000 K	WHITE	
		35758-35-02	3500 K	WHITE				35764-35-02	3500 K	WHITE	
WATTS		LENGTH	CCT	INT. LUMENS	DEL. LUMENS	WATTS	LENGTH	CCT	INT. LUMENS	DEL. LUMENS	
22 W		10.87"	3000K, 3500K	1925	1378	13.5 W	4.13"	3000K, 3500K	1207	659	
MULTIPLE		35759-01	3000 K	BLACK		SUSPENDED		35766-01	3000 K	BLACK	
		35759-35-01	3500 K	BLACK				35766-35-01	3500 K	BLACK	
		35759-02	3000 K	WHITE				35766-02	3000 K	WHITE	
		35759-35-02	3500 K	WHITE				35766-35-02	3500 K	WHITE	
WATTS		LENGTH	CCT	INT. LUMENS	DEL. LUMENS	WATTS	LENGTH	CCT	INT. LUMENS	DEL. LUMENS	
33 W		15.95"	3000K, 3500K	2888	2057	6.4 W	9.84"	3000K, 3500K	604	372	
DUAL BAFFLE		36377-01	3000 K	BLACK		ZOOM SPOT		47133-01	3000 K	BLACK	
		36377-35-01	3500 K	BLACK				47133-35-01	3500 K	BLACK	
		36377-02	3000 K	WHITE				47133-02	3000 K	WHITE	
		36377-35-02	3500 K	WHITE				47133-35-02	3500 K	WHITE	
WATTS		LENGTH	CCT	INT. LUMENS	DEL. LUMENS	WATTS	LENGTH	CCT	INT. LUMENS	DEL. LUMENS	
4.5 W		4.15"	3000K, 3500K	398	301	15 W	4.13"	3000K, 3500K	1340	512 (15°) 815 (50°)	

**Overlap Lens:** Used for seamlessly join Lens fixture only.



35799-02 13ft.  
35800-02 49ft.  
PC cover

35767/35768/35769

INSTRUCTION  
MANUAL

MODE  
D'EMPLOI

MANUAL DE  
INSTRUCCIONES

### Thank You

You've just purchased a lighting product designed and built to provide you with years of enjoyment.

### Merci

Vous venez d'acheter un système d'éclairage conçu et fabriqué pour vous donner des années de satisfaction.

### Gracias

Has comprado un producto de iluminación diseñado y fabricado para proporcionarte muchos años de disfrute.

## SAVET HESEINSTRUCTIONSFORFUTUREREERENCE

- Follow the assembly instructions by reading the numerical progression.
- Use a qualified electrician for installation of this lighting fixture.
- Before installing fixture, disconnect power by turning off the circuit breaker or by removing the fuse at the fuse box.
- All electrical connections must be in accordance with local and National Electrical Code or Canadian Electrical Code standards.
- Use CSA or UL listed wire connectors suitable for the gauge, type and number of conductors.
- Attach junction box grounding wire (green or bare copper) and the bare copper wire from the fixture together. If junction box has no ground wire, attach the bare copper fixture wire to the green ground screw on the crossbar.

Estimated Assembly Time: 20 minutes

Tools Required For Assembly (not included): Flathead screwdriver, Phillips screwdriver, Pliers, Electrical tape and Wire cutters.

Helpful Tools (not included): Wire strippers, Ladder



## CONSERVEZ CES INSTRUCTIONS À TITRE DE RÉFÉRENCE ULTÉRIEURE

- Suivez les instructions d'assemblage en les lisant dans l'ordre numérique croissant.
  - Faites appel un électricien qualifié pour l'installation de ce luminaire.
  - Avant d'installer le luminaire, coupez le courant en déclenchant le disjoncteur ou en retirant le fusible dans la boîte à fusibles.
  - Tous les branchements électriques doivent être conformes aux codes locaux et au Code national de l'électricité ou aux normes du Code canadien de l'électricité.
  - Utilisez des capuchons de connexion homologués ACN ou UL convenant à la taille, au type et au nombre de conducteurs.
  - Raccordez le fil de mise à la terre de la boîte de sortie de courant (vert ou en cuivre dénudé) au fil en cuivre dénudé du luminaire. Si la boîte de sortie de courant ne possède pas de fil de mise à la terre, raccordez le fil en cuivre dénudé du luminaire à la vis de mise à la terre verte de la traverse.
- Temps d'assemblage approximatif : 20 minutes  
Outils requis pour l'assemblage (non compris) : Tournevis plat, tournevis cruciforme, pince, ruban isolant et coupe-fils.  
Outils utiles (non compris) : Outils à dénuder, échelle

## CONSERVA ESTAS INSTRUCCIONES PARA CONSULTAS FUTURAS

- Sigue las instrucciones de ensamblaje según el orden numérico.
- Contrata a un electricista calificado para instalar esta lámpara.
- Antes de comenzar a instalar esta lámpara, corta la electricidad apagando el cortacircuitos o retirando el fusible en la caja correspondiente.
- Todas las conexiones eléctricas tienen que cumplir con las normas locales y del Código Nacional de Electricidad (N.E.C., por sus siglas en inglés) o del Código Canadiense de Electricidad.
- Usa conectores de cable con clasificación UL o CSA, apropiados para el calibre, tipo y cantidad de conductores.
- Une el cable a tierra de la caja de conexiones (verde o cobre pelado) y el cable de cobre pelado de la lámpara. Si la caja de conexiones no tiene cable a tierra, conecta el cable de cobre pelado de la lámpara al tornillo verde a tierra en la barra transversal.

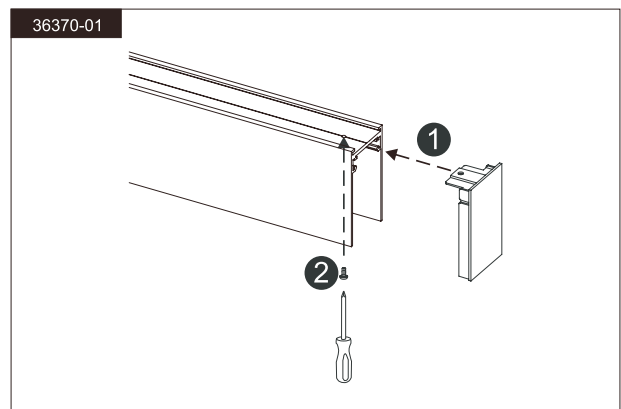
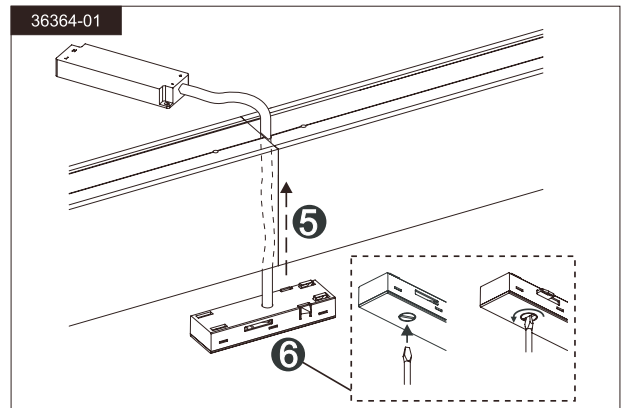
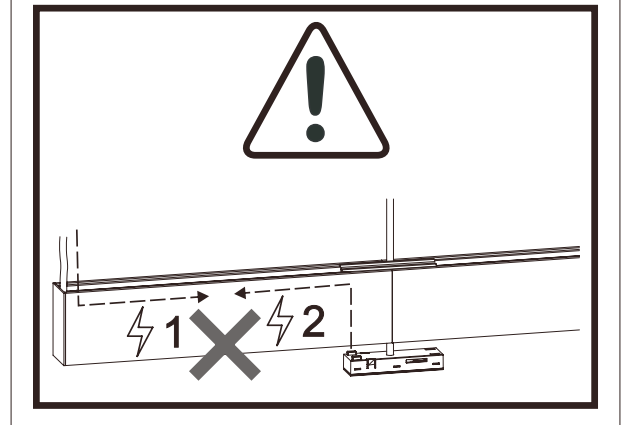
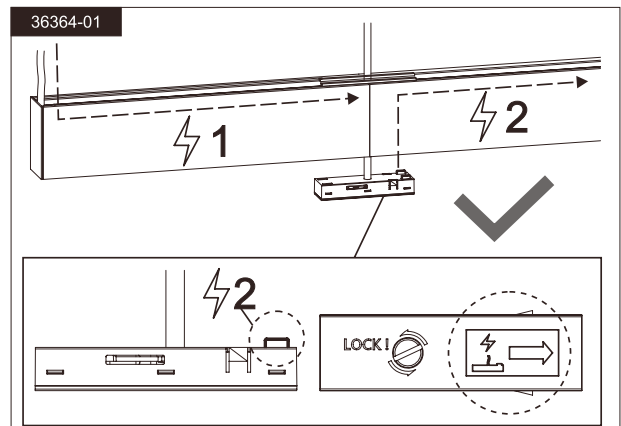
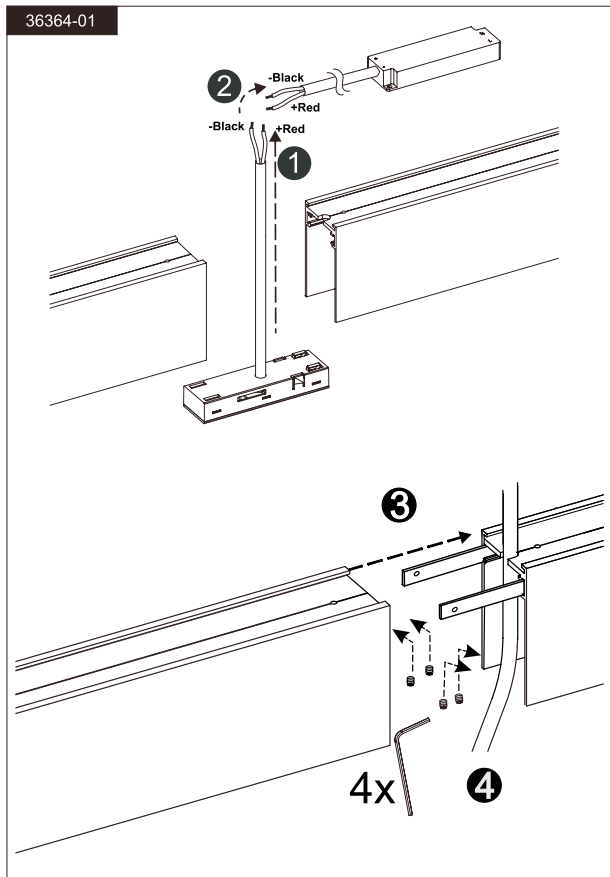
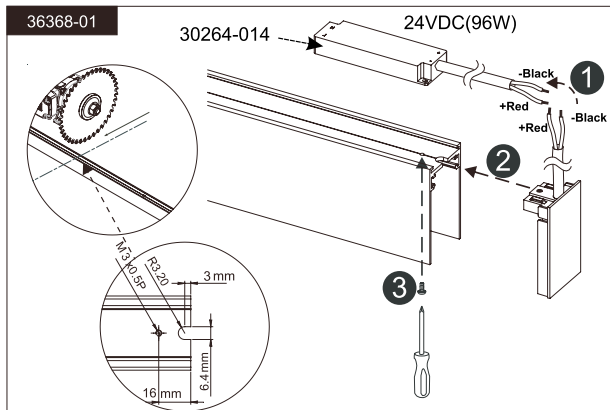
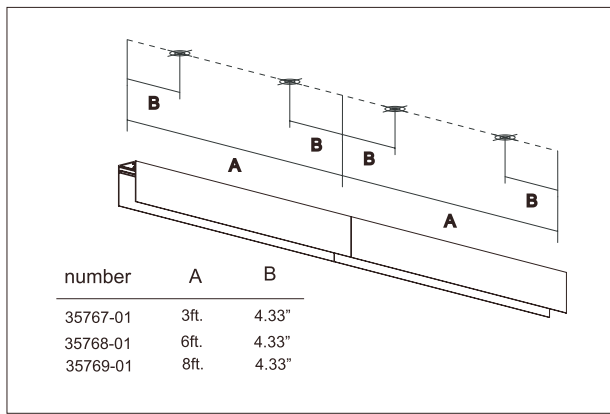
Tiempo aproximado de ensamblaje: 20 minutos

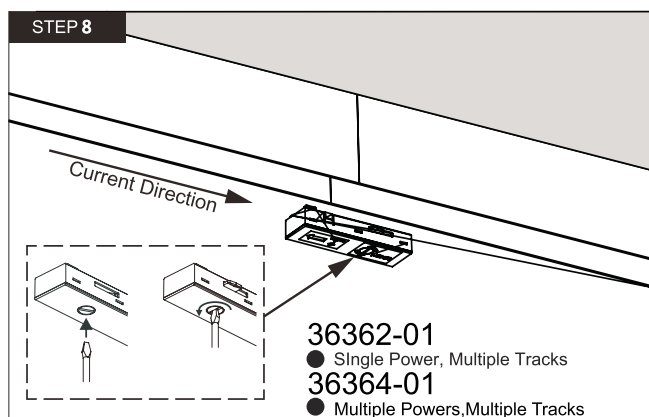
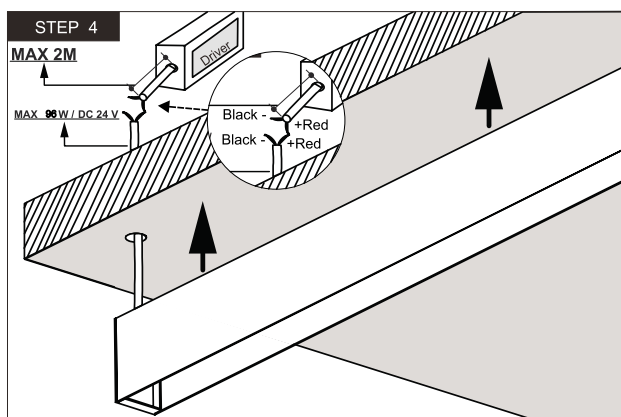
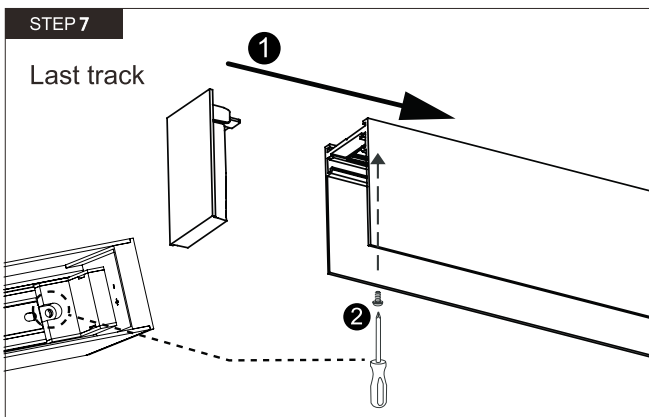
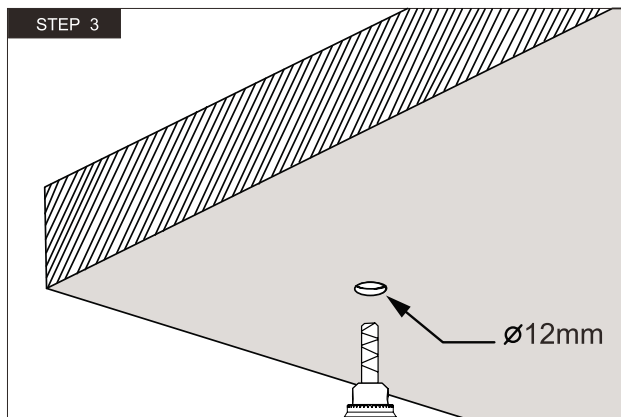
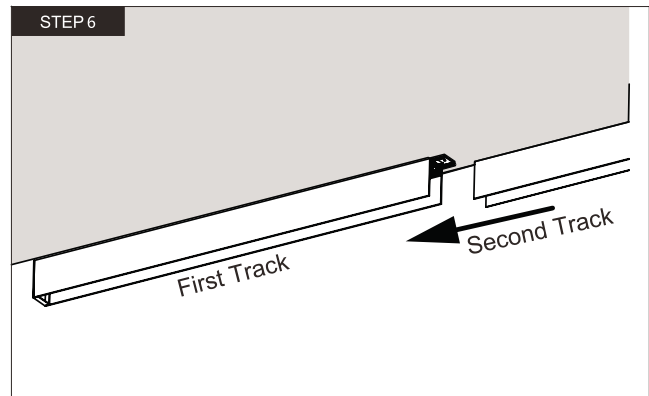
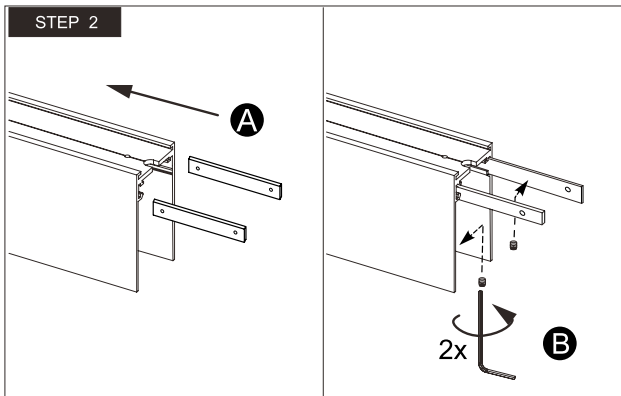
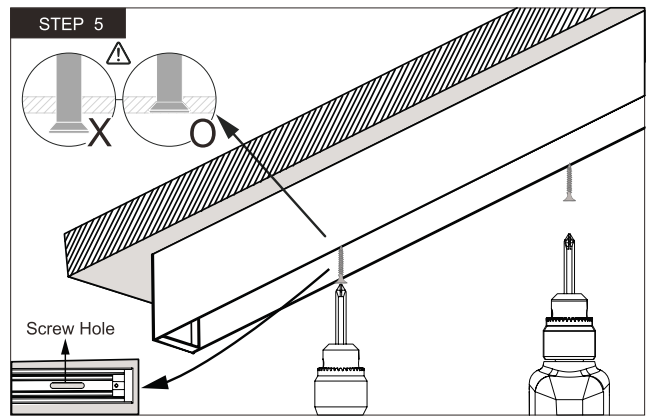
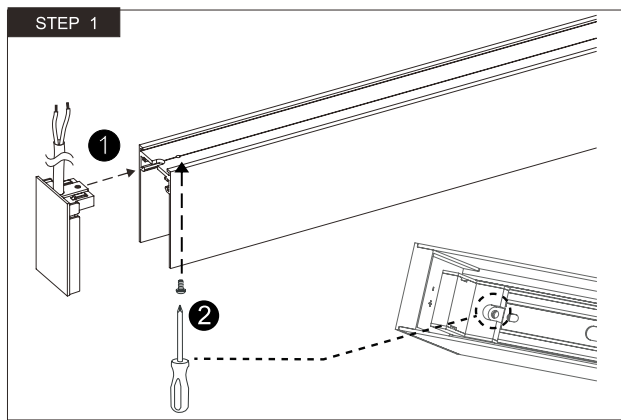
Herramientas necesarias para el ensamblaje (no incluidas): Destornillador de cabeza plana, destornillador Phillips, alicate, cinta de electricista y cortacables.

Herramientas útiles (no incluidas): Pelacables, escalera

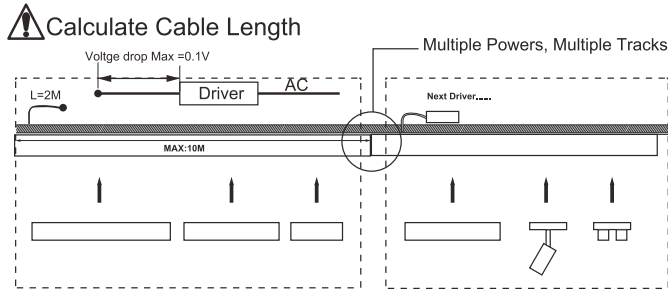
SURFACE MOUNT + PENDANT TRACK		number	L
		35767-01	3ft.
		35768-01	6ft.
		35769-01	8ft.
ACCESSORIES			
35814-01 Horizontal corner L-shaped connector	36361-01 (for pendant) 36362-01 (for surface mount) Circuit joint	36368-01 End cap with power cord	35797-012 Pendant kit
36702-01 Vertical corner L-shaped connector	36363-01 (for pendant) 36364-01 (for surface mount) Power joint	36370-01 End cap without power cord	35796-015 Pendant kit with canopy
		35799-02 13ft. 35800-02 49ft. PC cover	
			35795-015 Surface mounted clip

# SURFACE MOUNT INSTALLATION





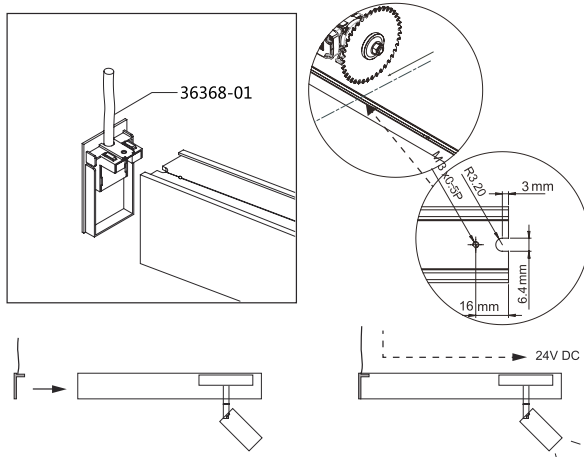
# Application Illustration



## NOTE:

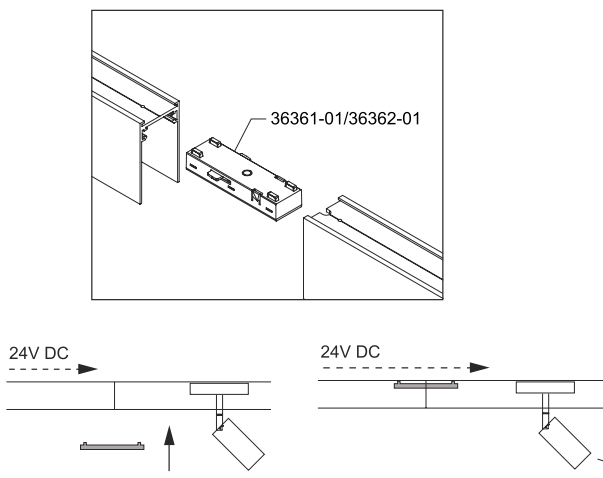
1. Max wattage linkable per loop for 24VDC is 96W.
2. Max length of track linkable per loop is 10M , and the max cable length between driver and track is 2M.
3. Dimming modules are compatible to PWM dimming driver only.
4. To use drivers not on recommended list , it require compatibility test before installation.
5. Tracks allows continuous linkable without limitation, also can divide into sections to light up individual area, making lighting application easy as 123.
6. Minimum voltage per loop is 22VDC (measure at the end of the loop), under 22VDC per loop might cause abnormal.
7. Calculating max wattage connection, save 20% buffer for linear modules, and 25% buffer for other modules.
8. Use driver not in the recommended list might cause module flickering, unstable dimming and/or noise, even causing module failure.
9. When multiple drivers are use in the connection, make sure the connector without circuit is used to divide the loop.
10. When installation tracks (pipes), make sure measuring the voltage from 36364-01 & 36368-01/36369-01 with the driver connected first, without modules, to see if the voltage is 24VDC, then measure the track & 36364-01 & 36368-01/36369-01 to see if the voltage drop is 0.1V, if the voltage drop is over 0.1V, make sure the connector is secured properly, warpage is not allowed in the connection, also check the cleanliness of the copper connector, copper connector can be cleaned using alcohol.

## 1 Single Power, Single Track



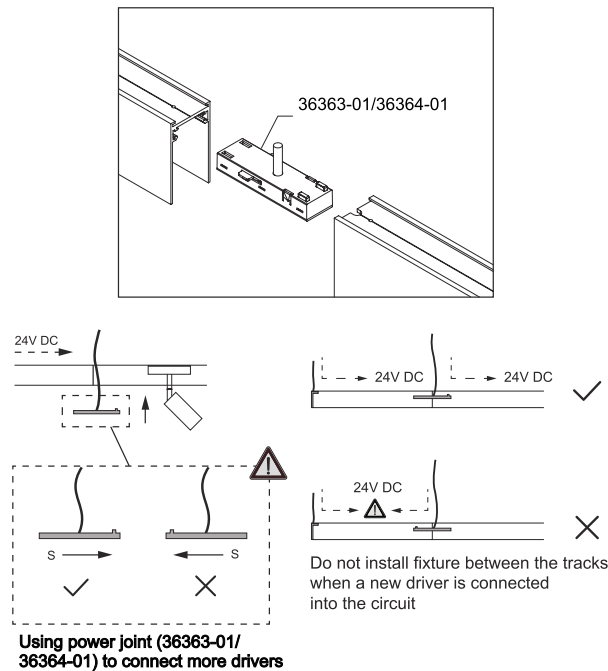
Using power end cap(36368-01) as power feed

## 2 Single Power, Multiple Tracks



Using circuit joint (36361-01/36362-01) to connect between tracks

## 3 Multiple Powers, Multiple Tracks





## SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

- Follow the assembly instructions by reading the numerical progression.
- Use a qualified electrician for installation of this lighting fixture.
- Before installing fixture, disconnect power by turning off the circuit breaker or by removing the fuse at the fuse box.
- All electrical connections must be in accordance with local and National Electrical Code or Canadian Electrical Code standards.
- Use CSA or UL listed wire connectors suitable for the gauge, type and number of conductors.
- Attach junction box grounding wire (green or bare copper) and the bare copper wire from the fixture together. If junction box has no ground wire, attach the bare copper fixture wire to the green ground screw on the crossbar.

Estimated Assembly Time: 20 minutes

Tools Required For Assembly (not included): Flathead screwdriver, Phillips screwdriver, Pliers, Electrical tape and Wire cutters.

Helpful Tools (not included): Wire strippers, Ladder



## CONSERVEZ CES INSTRUCTIONS À TITRE DE RÉFÉRENCE ULTÉRIEURE

- Suivez les instructions d'assemblage en les lisant dans l'ordre numérique croissant.
  - Faites appel un électricien qualifié pour l'installation de ce luminaire.
  - Avant d'installer le luminaire, coupez le courant en déclenchant le disjoncteur ou en retirant le fusible dans la boîte à fusibles
  - Tous les branchements électriques doivent être conformes aux codes locaux et au Code national de l'électricité ou aux normes du Code canadien de l'électricité.
  - Utilisez des capuchons de connexion homologués ACN ou UL convenant à la taille, au type et au nombre de conducteurs.
  - Raccordez le fil de mise à la terre de la boîte de sortie de courant (vert ou en cuivre dénudé) au fil en cuivre dénudé du luminaire. Si la boîte de sortie de courant ne possède pas de fil de mise à la terre, raccordez le fil en cuivre dénudé du luminaire à la vis de mise à la terre verte de la traverse.
- Temps d'assemblage approximatif : 20 minutes
- Outils requis pour l'assemblage (non compris) : Tournevis plat, tournevis cruciforme, pince, ruban isolant et coupe-fils.
- Outils utiles (non compris) : Outils à dénuder, échelle

## CONSERVA ESTAS INSTRUCCIONES PARA CONSULTAS FUTURAS

- Sigue las instrucciones de ensamblaje según el orden numérico.
- Contrata a un electricista calificado para instalar esta lámpara.
- Antes de comenzar a instalar esta lámpara, corta la electricidad apagando el cortacircuitos o retirando el fusible en la caja correspondiente.
- Todas las conexiones eléctricas tienen que cumplir con las normas locales y del Código Nacional de Electricidad (N.E.C, por sus siglas en inglés) o del Código Canadiense de Electricidad.
- Usa conectores de cable con clasificación UL o CSA, apropiados para el calibre, tipo y cantidad de conductores.
- Une el cable a tierra de la caja de conexiones (verde o cobre pelado) y el cable de cobre pelado de la lámpara. Si la caja de conexiones no tiene cable a tierra, conecta el cable de cobre pelado de la lámpara al tornillo verde a tierra en la barra transversal.

Tiempo aproximado de ensamblaje: 20 minutos

Herramientas necesarias para el ensamblaje (no incluidas): Destornillador de cabeza plana, destornillador Phillips, alicate, cinta de electricista y cortacables.

Herramientas útiles (no incluidas): Pelacables, escalera

**MODULES**

**Multiple**

35757-01 11W  
35758-01 22W  
35759-01 33W

**Spot**

35763-01 7W  
35764-01 15W

47133-01 15W

**Wall Wash**

36376-01 11W

**Lens**

36372-01 9W  
36373-01 18W  
36374-01 27W

**Dual Baffle**

36377-01 2X3W

**Dual Lens**

35765-01 2X3W

**Multiple Spot**

36379-01 11W

**Suspended**

35766-01 7W



# ELECTRONIC CONSTANT VOLTAGE DIMMABLE DRIVER - UL Listed



This Series of Class 2 LED drivers offers a wide range of output power from 40 to 96 watts in 12/24VDC. This series is fully dimmable with any standard MLV / Incandescent TRIAC (Leading edge) dimmer switches on the market and delivers smooth flicker free dimming. The UL Listed version includes a wiring compartment with 2 knockouts to enable easy -installation and eliminates the need of a J-Box. This line is Nema 3R rated and fully operational in indoor and outdoor applications. The E-Series is designed to operate under extreme environmental conditions. 5-year warranty is a standard on all of our dimmable products.

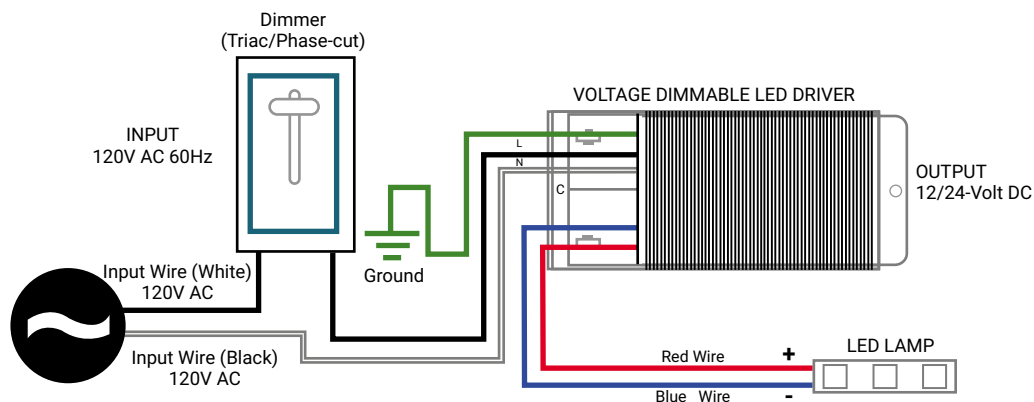
## QUICK SPEC

Input Voltage	Max Output Power	Output Voltage	Output Current	Efficiency @Max. Load	THD @Max. Load	Power Factor @Max. Load	Envir. Protection Ring	Weight
120VAC	40-96W	12/24VDC	1.6-5A	>90%	<20%	>0.95	NEMA 3R	720g

## FEATURES

- Dimmable with any Standard MLV/Incandescent TRIAC (Leading edge) dimmer switch
- Super compact ALUMINUM CASE
- Class 2
- UL8750
- Nema 3R - Outdoor Use
- Auto-Reset Protection for short circuit & over voltage
- No minimum load is required for smooth dimming
- Compatible with both magnetic and electrical dimmer

## WIRING DIAGRAM



# SPECIFICATIONS

## Input

Input Voltage	120VAC
Input Current @ Max Load	0.61A
Power Factor	0.95
Efficiency	>90%

## Output

Max Load	40-96W
Output Voltage	12/24VDC
Output Current @ Max Load	1.6-5A

## Environmental

Operating Ambient Temperature	-3C-50C
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## Protections

Short Circuit Protection	Yes
Over Current Protection	Yes
Over Temperature	Yes
Open Circuit Protections	Yes

## Mechanical & Housing

Input Wires (White/Black)	18 AWG
Output Wires (Red/Black)	14 AWG
Length	177mm
Width	70mm
Height	35mm
Weight	720g
Housing Material	Aluminum
Housing Color	Black
Junction Box	Yes
Mounting	Two hole flange mounting

## Approval Markings

Certificates / Approval Signs	UL 8750, class 2
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