

INSTALLATION GUIDE:

Slim Suspended Linear

LED Linear Lighting

VSL22ICCTADP/ VSL42ICCTADP/ VSL82ICCTADP

VONN

TOOLS YOU MAY NEED



GOGGLES



TAPE MEASURE



RUBBER GLOVES



PHILLIPS SCREW DRIVER



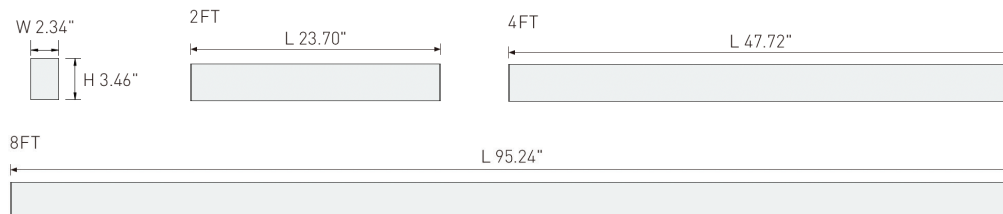
DRILL



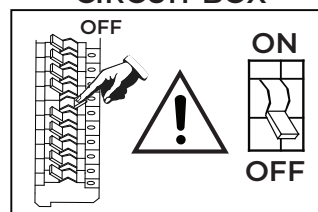
LADDER




FOR YOUR SAFETY, READ AND UNDERSTAND FOLLOW INSTRUCTIONS!
KEEP THE INSTRUCTIONS IN SAFE PLACE FOR FUTURE REFERENCE!

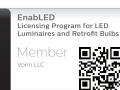


CIRCUIT BOX



LED INFO & WARNINGS

Please read and understand the entire manual before attempting to assemble, operate, or install the product.	Make sure that you have all necessary parts by checking the parts list. If any part is missing or damaged please contact VONN LIGHTING CUSTOMER SERVICE at 888-604-8666 for a replacement.
All parts must be used as indicated in these instructions. Do not substitute any parts, leave parts out, or use any parts that are worn or broken.	Inspect the LED fixture prior to installation to make sure that it has not been damaged during shipping.
Please handle the LED light with care when unpacking. Do not apply pressure to the LED's, do not open any factory sealed compartments, and do not touch the LEDs with your hands.	VONN highly recommends to use a qualified, licensed electrician to install the fixture. 
VONN recommends to install the fixture on its own independent circuit. Do not install the fixture on the same circuit with the other appliances, or HVAC systems.	Do not remove or replace VONN manufactured parts that is provided with the fixture.
Place the wall switch in the "OFF" position of the room you are installing the fixture.	Shut "OFF" the electricity at main fuse box.



Instructions

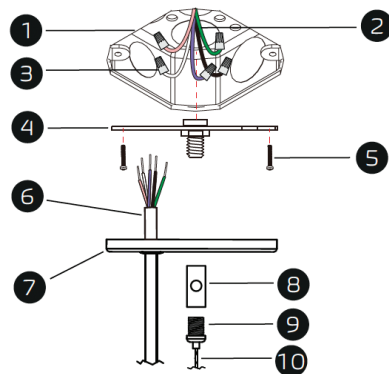


2.3"/3.8" Width PENDANT LED ARCHITECTURAL LED LUMINAIRE DRY CEILING

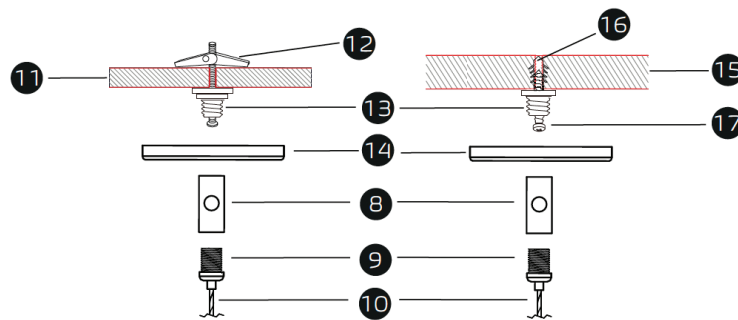


RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

POWER FEED

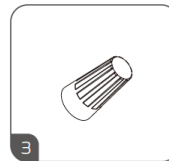


NON POWER SUSPENSION

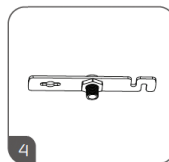


PARTS LIST

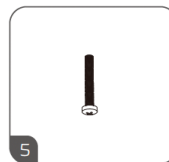
- 1 4" Octagon Junction Box (By Others)
- 2 Power Cord (By Others)
- 3 Wire Nut
- 4 Junction Box Crossbar
- 5 Screw PM4*22
- 6 Power Cord
- 7 4" Power Canopy Kit
- 8 Cable Holder
- 9 Strain Relief Thread Nut
- 10 Aircraft Cable
- 11 Drywall Ceiling (By Others)
- 12 Butterfly Drywall Anchor
- 13 Crimp Stud
- 14 2" Canopy
- 15 Solid Ceiling (By Others)
- 16 Anchor
- 17 Screw PA4*30



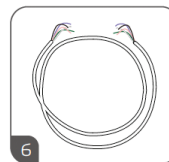
Wire Nut



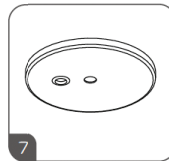
Junction Box Crossbar



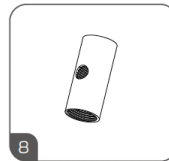
Screw PM4*22



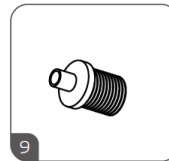
Power Cord



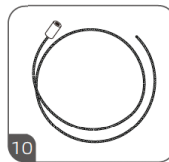
4" Canopy Power Feed



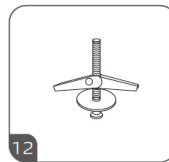
Cable Holder



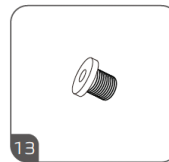
Strain Relief Thread Nut



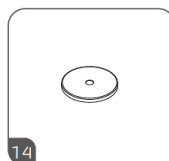
Aircraft Cable



Butterfly Drywall Anchor



Crimp Stud



2" Canopy



Anchor



Screw PA4*30

Instructions

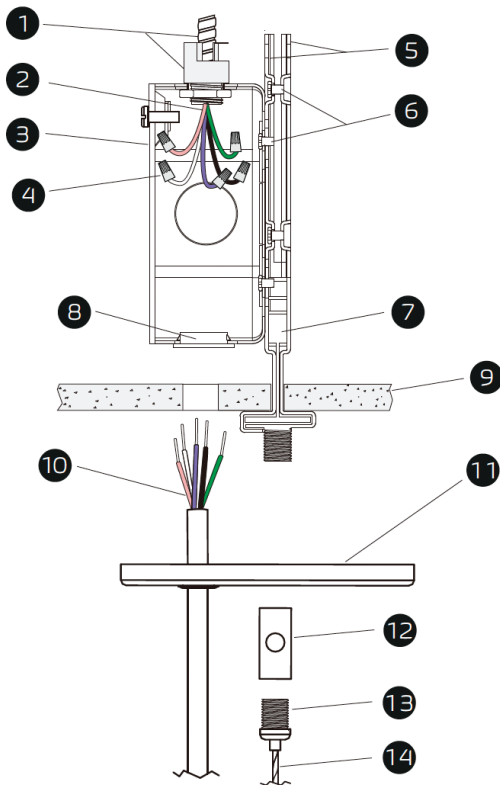


2.3"/3.8" Width PENDANT LED ARCHITECTURAL LED LUMINAIRE DROP CEILING

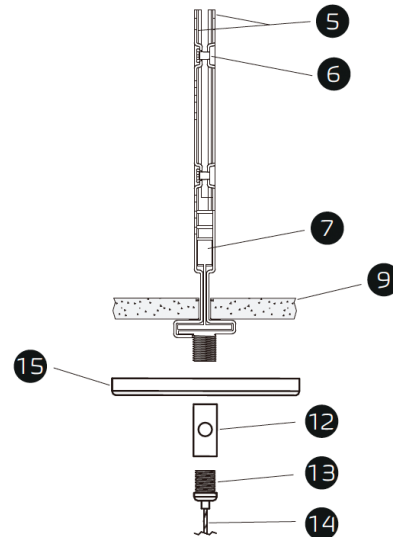


RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

► POWER FEED

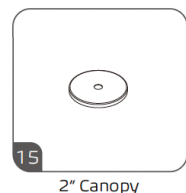
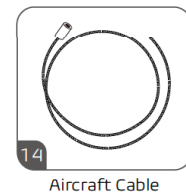
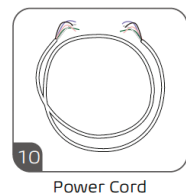
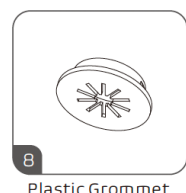
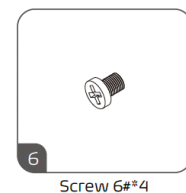
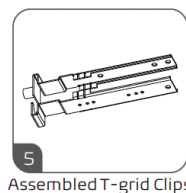
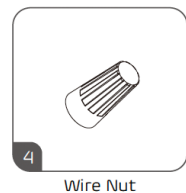


► NON POWER SUSPENSION



► PARTS LIST

- 1 Armored Cable & Connector (By Others)
- 2 Power Cord (By Others)
- 3 4" Octagon Junction Box
- 4 Wire Nut
- 5 Assembled T-grid Clips
- 6 Screw 6#*4
- 7 T-grid (By Others)
- 8 Plastic Grommet
- 9 Ceiling Tile (By Others)
- 10 Power Cord
- 11 4" Canopy Power Feed
- 12 Cable Holder
- 13 Strain Relief Thread Nut
- 14 Aircraft Cable
- 15 2" Canopy



Instructions

VONN

2.3"/3.8" Width PENDANT LED ARCHITECTURAL LED LUMINAIRE INDEPENDENT INSTALLATION



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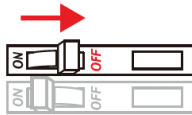
IMPORTANT

1. Read all instructions.
2. Install in accordance with national and local electrical code regulations.
3. This product is intended to be installed and serviced by a qualified, licensed electrician.
4. Do not install in wet locations. For dry and damp use only.
5. Turn off electrical power before installing or servicing fixture in any way.
6. To reduce the risk of fire and overheating, make sure all connections are tight.
7. Under no circumstances can the lighting fixture be covered with heat insulation gasket or similar materials.
8. The maximum connection of each input line is 40FT(1200CM) in 120AC, 80FT (2400CM) in 230AC, 100FT(3000CM) in 277AC.

SHOCK HAZARD



May result in serious injury or death. Turn power OFF at circuit breaker prior to installation or servicing.



WIRING

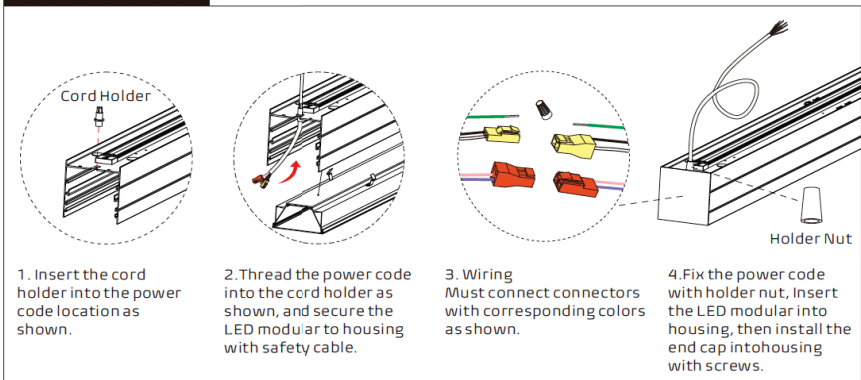
CORD / SUPPLY WIRING	LUMINAIRE	
	LINE	LINE - BLACK
	GREEN	GROUND-GREEN
	NEUTRAL	NEUTRAL - WHITE
	DIM (+) VIOLET	VIOLET
	DIM (-) PINK	PINK



Please isolate two dimming wires by P2 terminal individually if no need dimming; MUST connect wires with corresponding colors as shown.

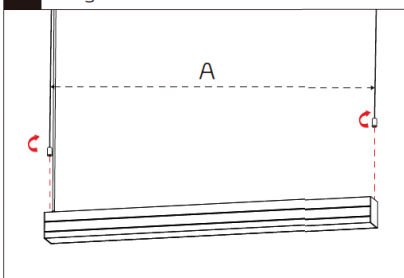
PRE-INSTALLATION

Assemble Luminaire



INDEPENDENT INSTALLATION

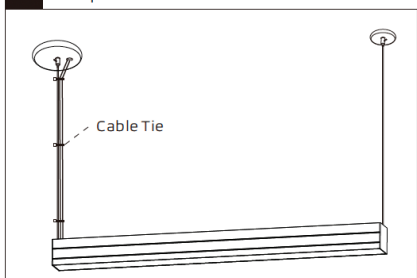
1 Hang Luminaire



Screw both bottom parts of aircraft cables clockwise and secure then on the top of housing making sure they hang the lights.

Note: Adjust the height of luminaire. Luminaire can be raised by pulling cable through the gripper and can be lowered by depressing the top cylinder on the gripper which pulls the luminaire down.

2 Complete



Use the cable tie to keep the electric wire going up along with the wire rope.

Nominal Length	2.3" or 3.8" Width Linear (Diffuser, Regress, Wall Wash)	2.3" Width Linear (Reflector, Louver)
	"A" Suspension Points Distance (Feet)	"A" Suspension Points Distance (Feet)
2 ft.	1.92'	1.93'
3 ft.	2.92'	2.92'
4 ft.	3.92'	3.90'
8 ft.	7.88'	7.84'

Instructions



2.3"/3.8" Width PENDANT LED ARCHITECTURAL LED LUMINAIRE MULTIPLE LUMINAIRES CONNECTION



RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

JOINER OPTIONS



Line Joiner



"L" Joiner

ACCESSORY

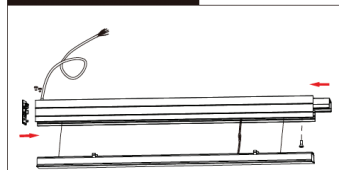


Silicone Seal

Note: Silicone seal is used to seal seams that may appear at both ends of luminaires when multiple connections.

BEFORE CONNECTING

Disassemble Luminaires



Start of run (SoR):

Beginning at one end, install power cord, first end cap and line joiner, secure the led modular to housing with safety cable.



Middle of run (MoR):

Install line joiner, secure the led modular to housing with safety cable.

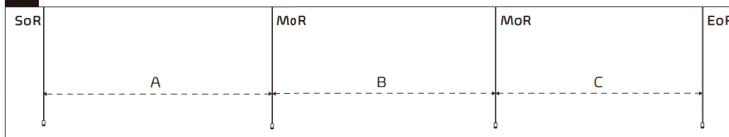


End of run (EoR):

Install the end cap to the end of fixture, secure the led modular to housing with safety cable.

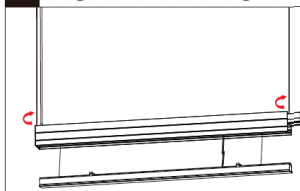
LINE CONNECTION

1 Install aircraft cable



Nominal Length	2.3" or 3.8" Width Linear (Diffuser, Regress, Wall Wash)			2.3" Width Linear (Reflector, Louver)		
	"A" Distance of SoR to MoR Feet	"B" Distance of MoR to MoR Feet	"C" Distance of MoR to EoR Feet	"A" Distance of SoR to MoR Feet	"B" Distance of MoR to MoR Feet	"C" Distance of MoR to EoR Feet
2 ft.	1.94'	1.96'	1.94'	1.95'	1.97'	1.95'
3 ft.	2.94'	2.96'	2.94'	2.94'	2.95'	2.94'
4 ft.	3.94'	3.96'	3.94'	3.92'	3.94'	3.92'
8 ft.	7.90'	7.92'	7.90'	7.86'	7.87'	7.86'

2 Hang luminaire and wiring - SoR



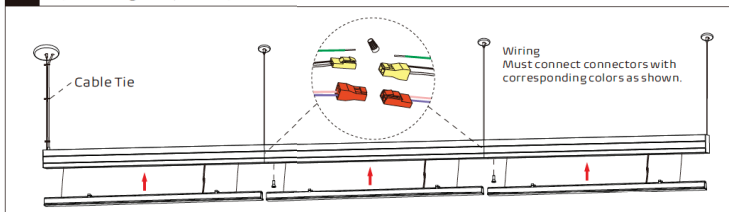
▲ Adjust the height of luminaire.

Luminaire can be raised by pulling cable through the gripper and can be lowered by depressing the top cylinder on the gripper which pulls the luminaire down.

2-1: Screw both bottom parts of aircraft cables clockwise and secure then on the top of housing making sure they hang the lights.

2-2: Connect AC power.

3 Repeat Hang and join steps - MoR to EoR

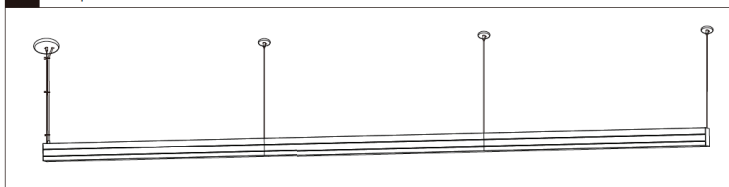


3-1: Zip tight power cord & aircraft suspension cable with the cable tie.

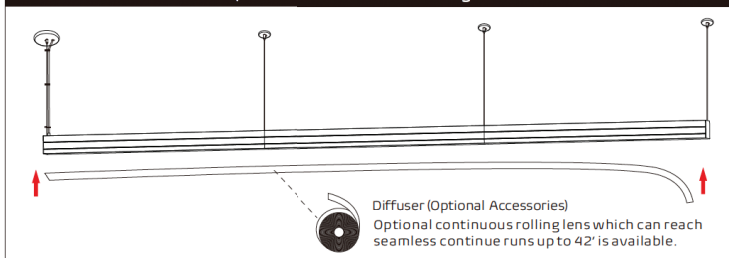
3-2: Connect the quick connectors properly.

3-3: Insert all the LED Modules into the housing from SoR to EoR in turn.

4 Complete



Optional 42' Continuous Rolling Lens



Diffuser (Optional Accessories)
Optional continuous rolling lens which can reach seamless continue runs up to 42' is available.

Instructions



2.3"/3.8" Width PENDANT LED ARCHITECTURAL LED LUMINAIRE MULTIPLE LUMINAIRES CONNECTION



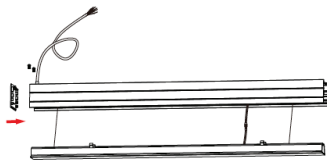
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L SHAPE CONNECTION

- ▲ For "T", "+", "Y" shape or other geometric shapes, all subject to the "L" shape installation.
- ▲ It needs 2 inputs if using joiner "T", "+" and "Y".

BEFORE CONNECTING

Disassemble Luminaires



Start of run (SoR):

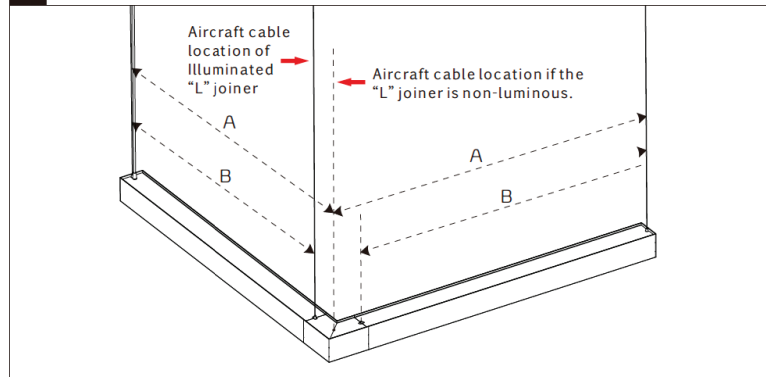
Install power cord and first end cap, secure the led modular to housing with safety cable.



End of run (EoR):

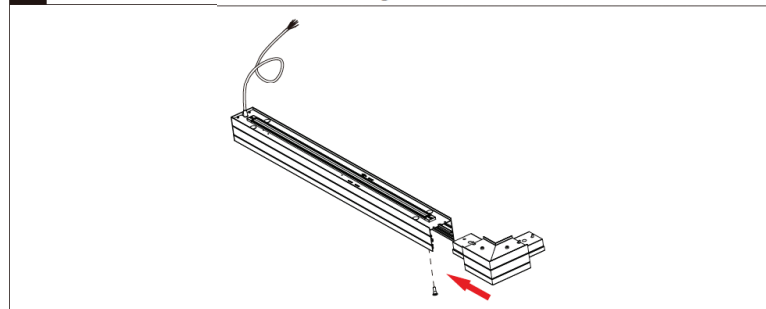
Install the end cap to the end of fixture, secure the led modular to housing with safety cable.

1 Install joiners

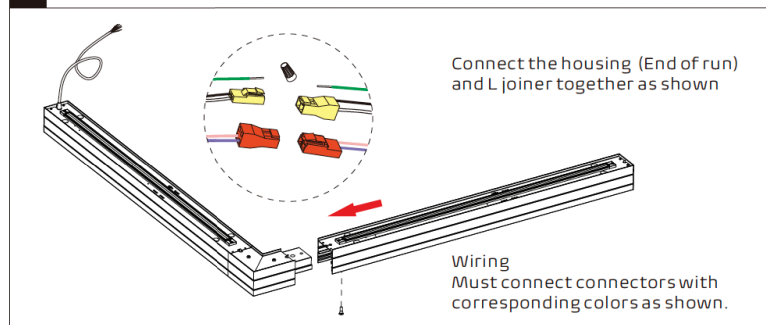


	2.3" Width Linear (Diffuser, Regress, Wall Wash)			2.3" Width Linear (Reflector, Louver)	3.8" Width Linear (Diffuser, Regress, Wall Wash)	
Nominal Length	"A" Illuminated "L" joiner	"B" Illuminated "L" joiner	"A" Non-luminous "L" joiner	"A" Non-luminous "L" joiner	"A" Illuminated "L" joiner	"B" Illuminated "L" joiner
	Feet	Feet	Feet	Feet	Feet	Feet
2 ft.	2.27'	1.94'	2.04'	2.05'	2.33'	1.94'
3 ft.	3.27'	2.94'	3.04'	3.03'	3.33'	2.94'
4 ft.	4.27'	3.94'	4.04'	4.02'	4.33'	3.94'
8 ft.	8.23'	7.90'	8.00'	7.96'	8.29'	7.90'

2 Insert the "L" joiner to the first housing



3



Instructions



2.3"/3.8" Width

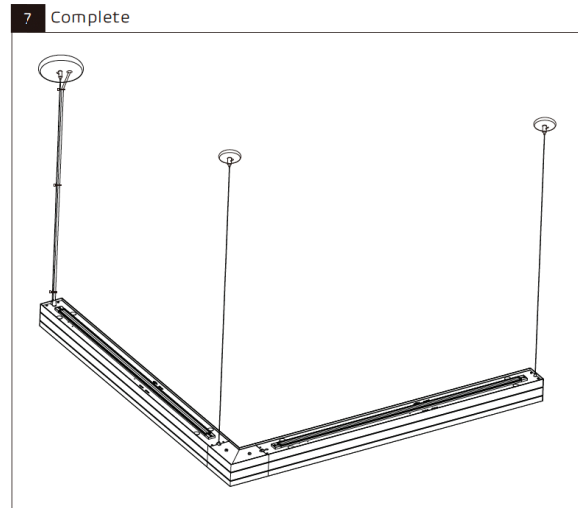
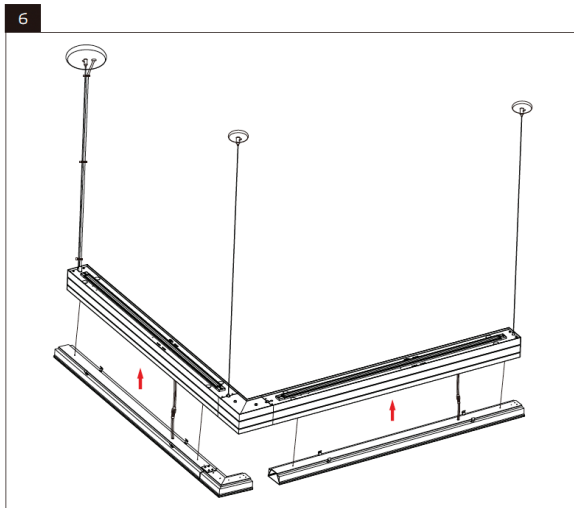
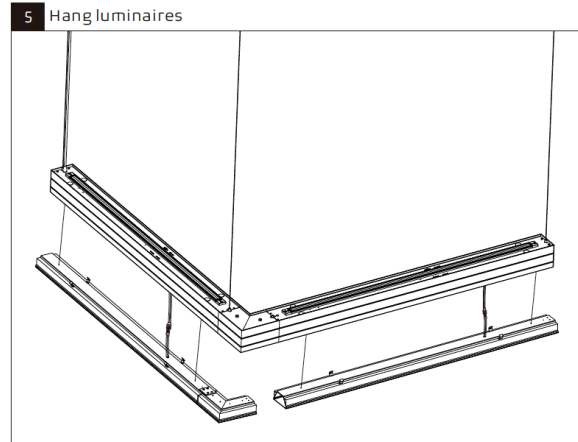
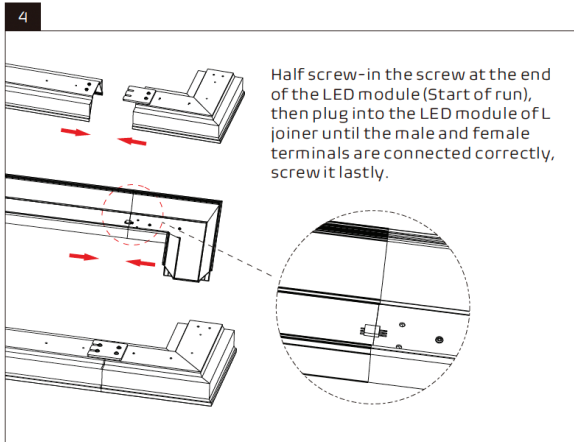
PENDANT

LED

ARCHITECTURAL LED LUMINAIRE
MULTIPLE LUMINAIRES CONNECTION



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5-1: Zip tight power cord & aircraft suspension cable with the cable tie.
5-2: Insert all the LED Modules into the housing from SoR to EoR in turn.

Optional 42' Continuous Roll-out Lens

