

JADEMAR LIGHTING® JADIL-25-CPS SERIES

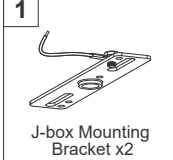
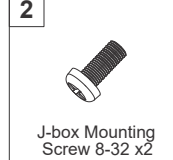
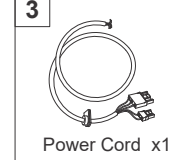
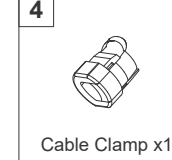
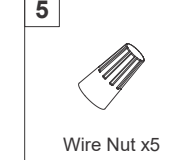
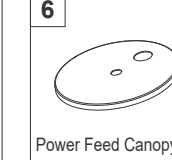
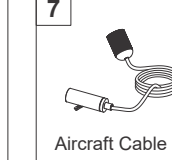
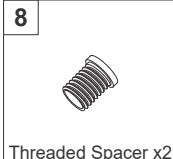
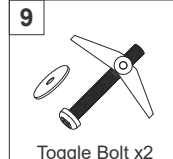
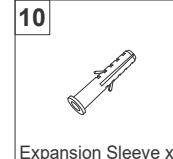
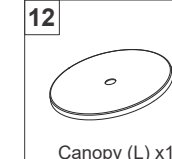
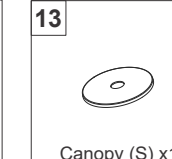
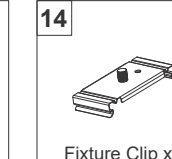
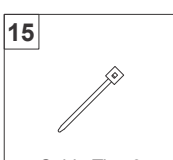
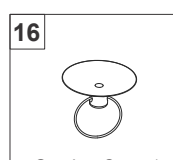
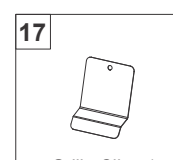
INSTALLATION INSTRUCTIONS

JADIL-25-CPS SERIES

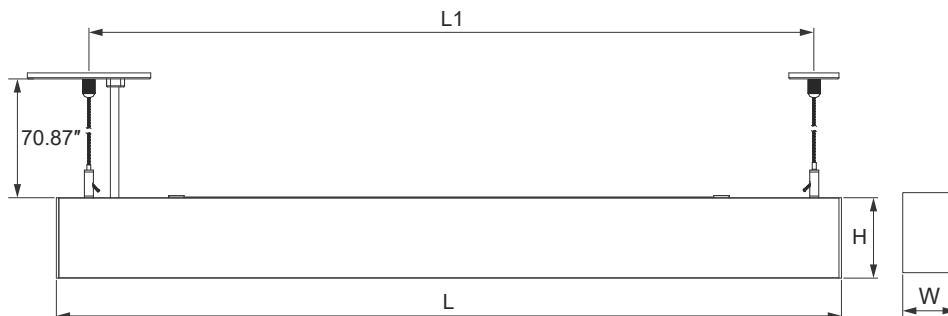
WARNING BEFORE YOU BEGIN READ THESE INSTRUCTIONS COMPLETELY AND CAREFULLY.

- To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and the fixture box and fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.
- If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician. Please abide by all relevant country, regional, and local code requirements and regulations when installing this luminaire. Wiring must be in accordance with NEC and all applicable local codes.
- DO NOT INSTALL DAMAGED PRODUCT! This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
- Do not make or alter any holes unnecessarily in an enclosure of wiring or electrical components during the installation.
- Turn off electrical power at the fuse or circuit breaker box before wiring fixture to the building power.
- Verify that supply voltage is correct by comparing it with the luminaire label information. Do not install with supply voltage that exceeds the rated input voltage of the luminaire.
- CAUTION**
- Do not install in wet locations. For dry and damp use only.
- The electrical rating of this product is 120-277V. Installer must confirm that there is 120-277V at the fixture before installation.
- Under no circumstances can the lighting fixture be covered with heat insulation gasket or similar materials.

1.0 DRYWALL PENDANT MOUNT - ACCESSORIES

1  J-box Mounting Bracket x2	2  J-box Mounting Screw 8-32 x2	3  Power Cord x1	4  Cable Clamp x1	5  Wire Nut x5	6  Power Feed Canopy x1	7  Aircraft Cable x2
8  Threaded Spacer x2	9  Toggle Bolt x2	10  Expansion Sleeve x2	11  KA4x30 Screw x2	12  Canopy (L) x1	13  Canopy (S) x1	14  Fixture Clip x2
15  Cable Tie x3	16  Suction Cup x1	17  Grille Clip x1				

Size	L	W	H	Installation Spacing (L1)
2FT	23.82"	2.48"	3.15"	14.17" - 22.05"
4FT	47.44"	2.48"	3.15"	37.80" - 45.67"
6FT	71.06"	2.48"	3.15"	61.42" - 69.30"
8FT	94.67"	2.48"	3.15"	85.03" - 92.91"



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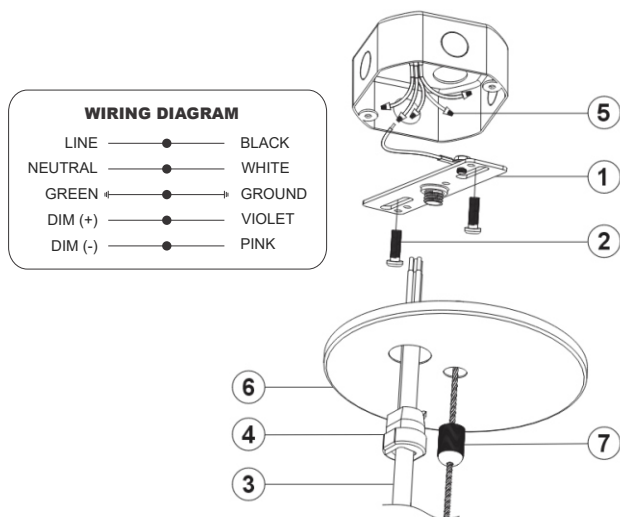
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JADEMAR[®] JADIL-25-CPS SERIES

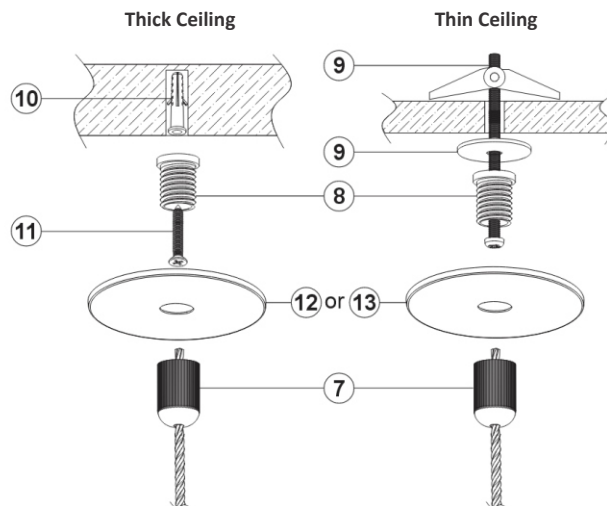
INSTALLATION INSTRUCTIONS

2.0 DRYWALL PENDANT MOUNT - INSTALLATION

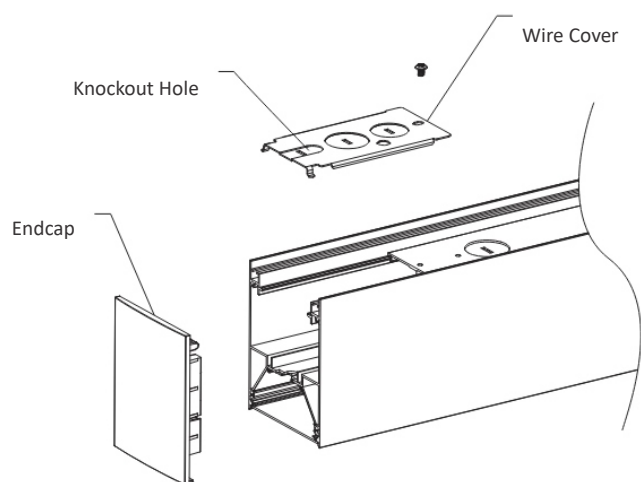
Step 1: Secure the mounting bracket to the J-box with two 8-32 screws. Feed the power cord through the cable clamp, then connect it to the mains power supply with wire nuts in accordance with the wiring diagram. Tuck all connected wires into the J-box, lift the canopy over the threaded spacer of the mounting bracket, and tighten the lock nut of the aircraft cable onto the exposed threads.



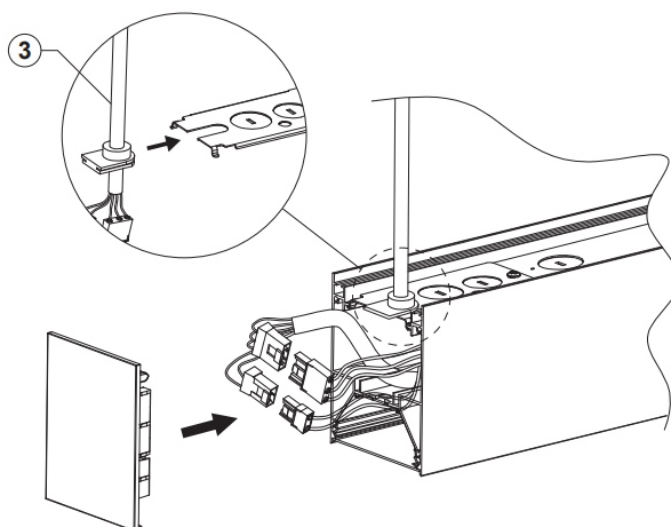
Step 2: Mark the canopy position, secure the threaded spacer to the ceiling with a toggle bolt (for thin ceiling) or expansion anchor (for thick ceiling), lift the canopy over the spacer, then tighten the lock nut of the aircraft cable onto the exposed threads.



Step 3: Remove the endcap and wire cover from the power feed side of the luminaire. Knock out the knockout hole and refit the wire cover.



Step 4: Align and mate the terminals of the power cord with those of the luminaire body, then clip the SR cable clip of the power cord into the U-shaped groove of the wire cover. Tuck the wires into the luminaire body and refit the endcap.

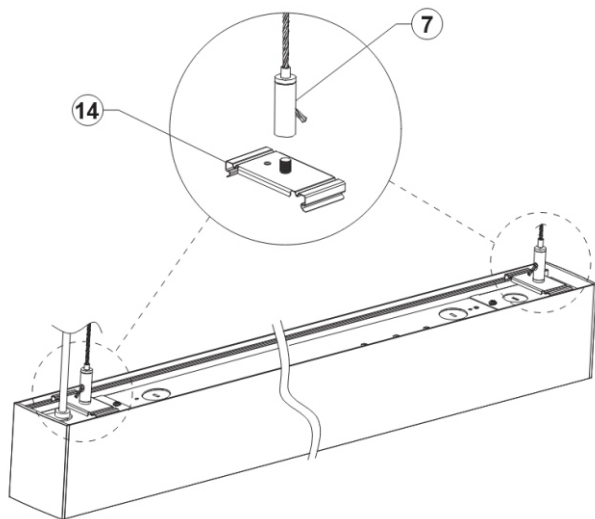


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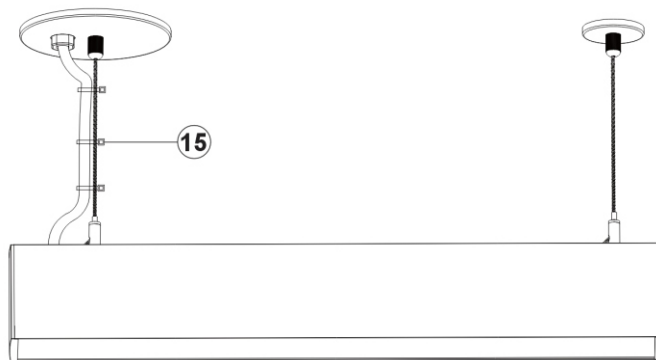
INSTALLATION INSTRUCTIONS

2.0 DRYWALL PENDANT MOUNT - INSTALLATION

Step 5: Assemble the aircraft cable grippers with the fixture clips. Attach the clips to the luminaire mounting points. To adjust the aircraft cable length, press down the spring-loaded mechanisms of the grippers and gently thread the bare cable ends through the gripper exit holes.

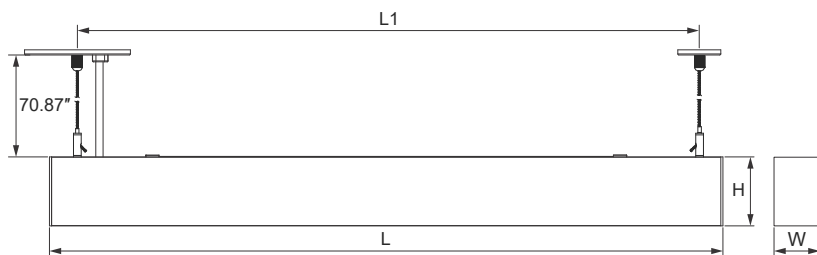


Step 6: Cable-tie the power cord and the adjacent aircraft cable together. The installation is now complete.



3.0 DROP CEILING PENDANT MOUNT - ACCESSORIES

1 T-Grid Bracket x2	2 PM4x6 Screw x6	3 Plastic Grommet x1	4 Junction Box x1	5 PWM4x6 Screw x2	6 Power Feed Canopy x1	7 Aircraft Cable x2
8 Power Cord x1	9 Cable Clamp x1	10 Wire Nut x5	11 Canopy (L) x1	12 Canopy (S) x1	13 Fixture Clip x2	14 Cable Tie x3



Size	L	W	H	Installation Spacing (L1)
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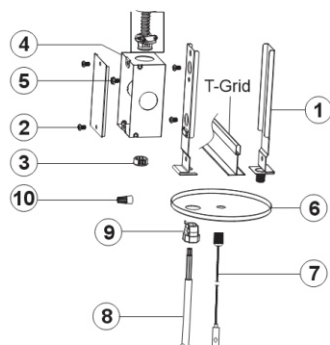
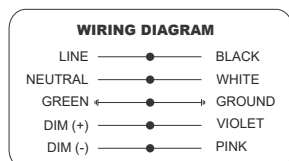
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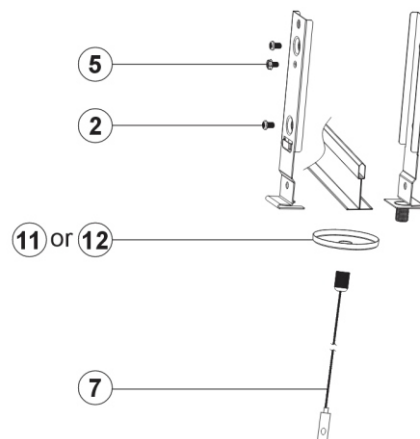
INSTALLATION INSTRUCTIONS

4.0 DROP CEILING PENDANT MOUNT - INSTALLATION

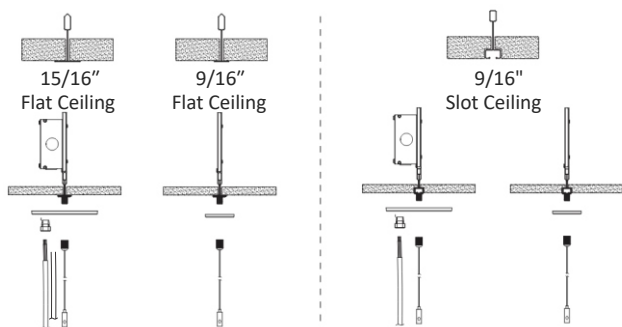
Step 1: Fasten the two halves of the T-Grid bracket together with two PM4x6 screws. Insert the plastic grommet into the bottom hole of the J-box, then secure the J-box to the T-Grid bracket with one PWM4x6 screw. Pass the threaded end of the T-Grid bracket through the central hole of the power feed canopy, then tighten the aircraft cable locknut onto the exposed threaded end of the bracket. Feed the power cord through the cable clamp and the canopy, then connect it to the mains power supply inside the J-box with wire nuts. Fasten the J-box cover to the J-box with two PM4x6 screws.



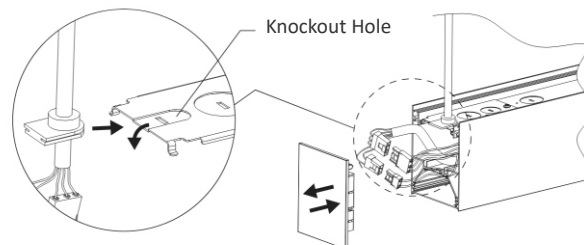
Step 2: Fasten the two halves of the T-Grid bracket together with two PM4x6 screws and one PWM4x6 screw. Pass the threaded end of the T-Grid bracket through the central hole of the canopy, then tighten the aircraft cable locknut onto the exposed threaded end of the bracket.



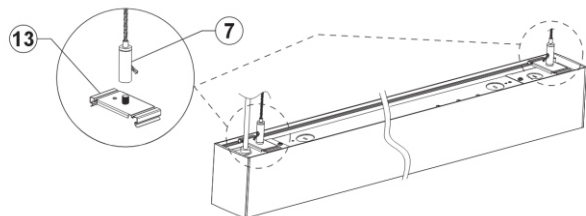
Step 3: Clip the brackets into the T-Grid ceiling.



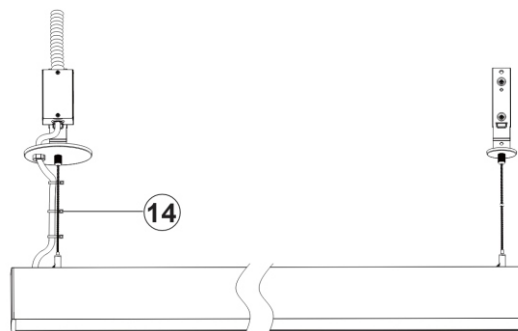
Step 4: Remove the endcap and wire cover from the power feed side of the luminaire. Knock out the knockout hole and refit the wire cover. Align and mate the terminals of the power cord with those of the luminaire body, then clip the SR cable clip of the power cord into the U-shaped groove of the wire cover. Tuck the wires into the luminaire body and refit the endcap.



Step 5: Assemble the aircraft cable grippers with the fixture clips. Attach the clips to the luminaire mounting points. To adjust the aircraft cable length, press down the spring-loaded mechanisms of the grippers and gently thread the bare cable ends through the gripper exit holes.



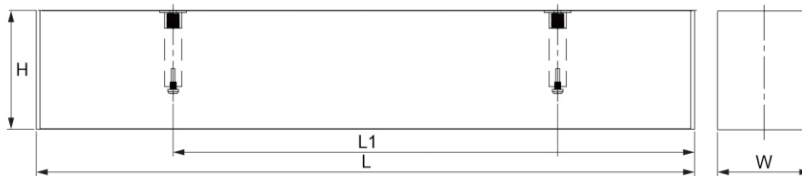
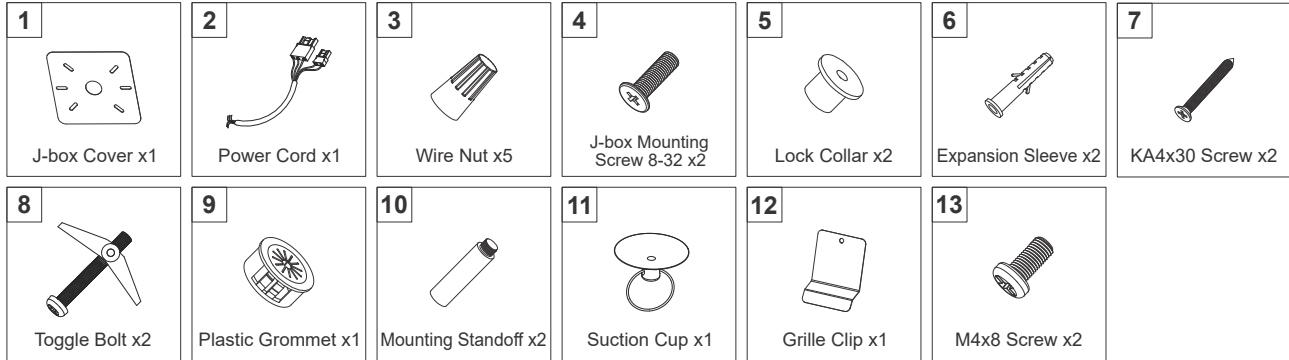
Step 6: Cable-tie the power cord and the adjacent aircraft cable together. The installation is now complete.



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INSTALLATION INSTRUCTIONS

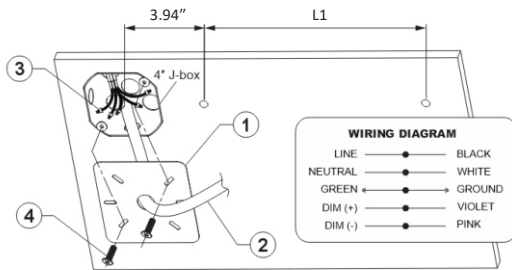
5.0 SURFACE MOUNT - ACCESSORIES



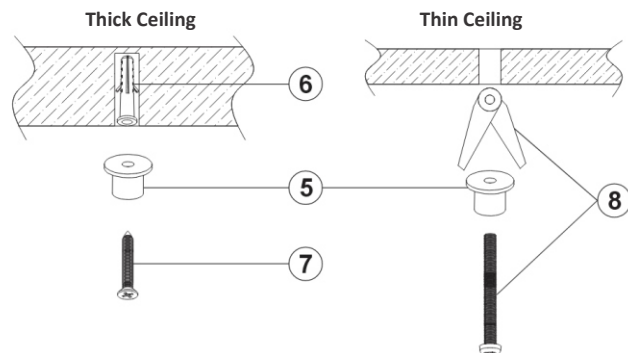
Size	L	W	H	Installation Hole Spacing(L1)
2FT	23.82"	2.48"	3.15"	14.17"
4FT	47.44"	2.48"	3.15"	37.80"
6FT	71.06"	2.48"	3.15"	61.42"
8FT	94.67"	2.48"	3.15"	85.03"

6.0 SURFACE MOUNT - INSTALLATION

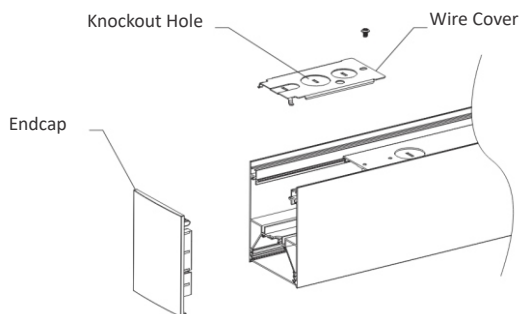
Step 1: Determine the installation position of the lock collar based on the fixture length and drill holes in the ceiling. Feed the power cord through the central hole of the J-box cover and connect it to the mains power supply with the wire nuts. Fasten the J-box cover to the J-box with 8-32 screws.
(Note: No fastening is required for J-box cover when using a 2x4" J-box.)



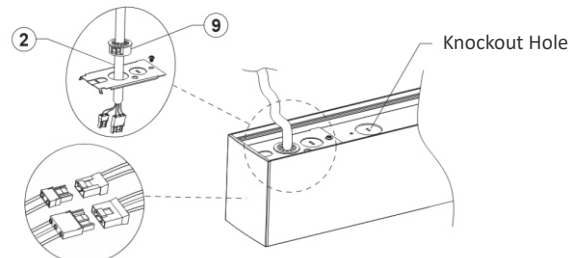
Step 2: Secure the lock collars to the ceiling with the expansion anchors (for thick ceiling) or toggle bolts (for thin ceiling).



Step 3: Remove the endcap and wire cover from the power feed side of the luminaire. Knock out the knockout hole.



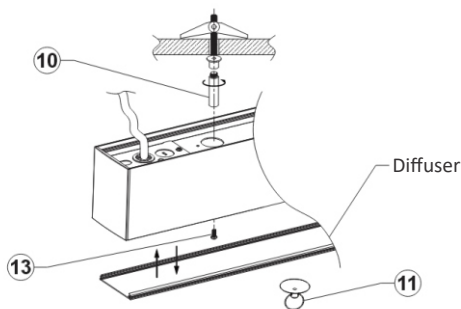
Step 4: Feed the power cord through the plastic grommet and the wire cover hole. Insert the plastic grommet into the hole. Knock out the knockout holes on both sides of the luminaire body. Align and mate the terminals of the power cord with those of the luminaire body. Refit the wire cover and endcap.



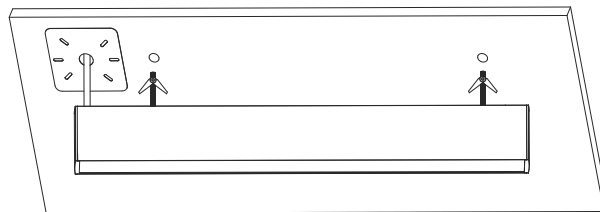
JADEMAR LIGHTING® JADIL-25-CPS SERIES INSTALLATION INSTRUCTIONS

6.0 SURFACE MOUNT - INSTALLATION

Step 5: Tighten the mounting standoffs with the lock collars by screwing. Remove the diffuser with the suction cup, then secure the luminaire body to the mounting standoffs with M4x8 screws on both sides. Refit the diffuser. Installation is now complete.



Step 6: Complete schematic diagram of surface mounting.



7.0 WALL MOUNT - ACCESSORIES

- | | | | | | | |
|--------------------------------|------------------------------|-------------------------------------|--------------------------|-------------------------|------------------------------|---------------------------------------|
| 1

Wall-Mount Bracket x2 | 2

6#-32x5/16 Screw x2 | 3

Expansion Sleeve x2 | 4

KA4x30 Screw x2 | 5

J-box Cover x1 | 6

PWM4x8 Screw&Nut x2 | 7

J-box Mounting Screw 8-32 x2 |
| 8

Plastic Grommet x1 | 9

Fixture Bracket x2 | 10

PWM4x14 Screw Assembly x4 | 11

Power Cord x1 | 12

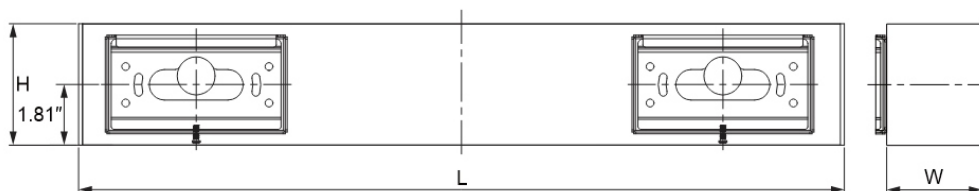
Wire Nut x5 | 13

M3x6 Screw x2 | 14

Suction Cup x1 |
| 15

Grille Clip x1 | | | | | | |

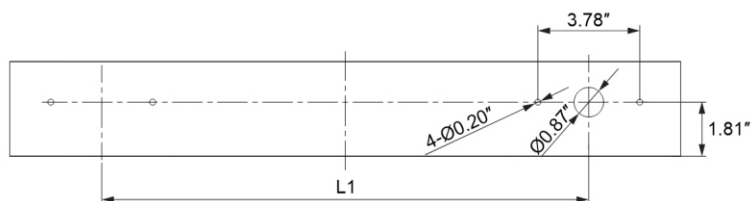
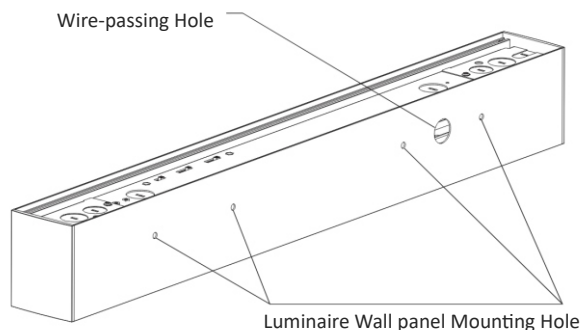
Size	L	W	H	Installation Spacing (L1)
2FT	23.82"	2.48"	3.15"	13.78"
4FT	47.44"	2.48"	3.15"	41.33"
6FT	71.06"	2.48"	3.15"	64.96"
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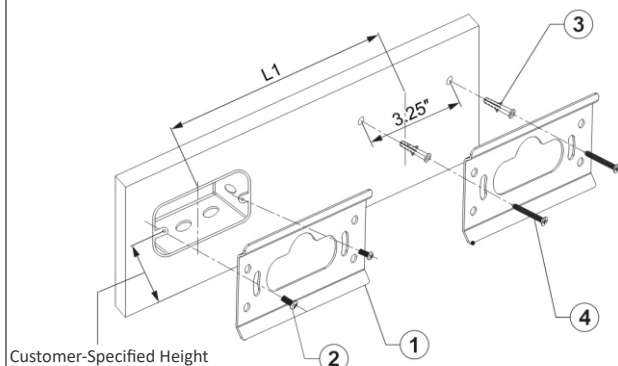
7.0 WALL MOUNT - INSTALLATION

Step 1: Machine the side wire-passing hole and wall panel mounting holes as shown in the diagram, according to the mounting hole dimensions of different luminaire types.



2x4" Junction Box

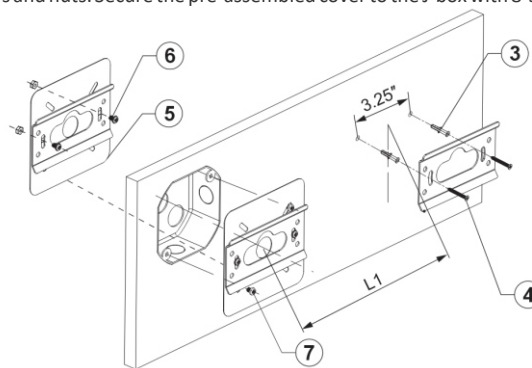
Drill holes in the wall and drive the expansion sleeves into the holes. Secure the wall-mount bracket to the designated position with the matching KA4x30 screws. Secure the other bracket to the J-box with 6#-32x5/16 screws.



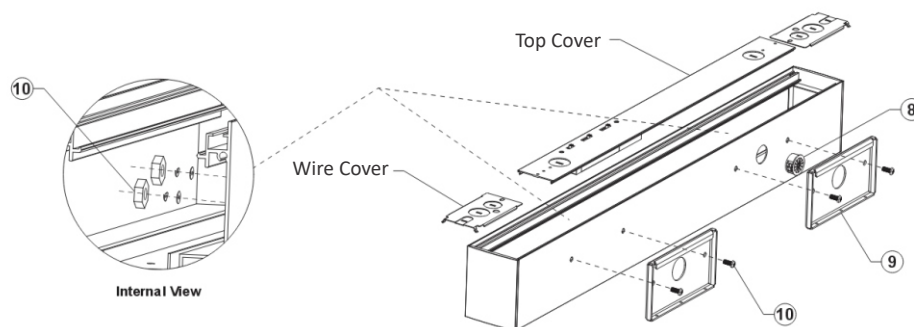
Step 2

4" Junction Box

Drill holes in the wall and drive the expansion sleeves into the holes. Secure the wall-mount bracket to the designated position with the matching KA4x30 screws. Fasten the other bracket to the J-box cover with PWM4x8 screws and nuts. Secure the pre-assembled cover to the J-box with 8-32 screws.



Step 3: Remove the top cover (with the driver) and the wire covers. Insert the plastic grommet into the wire-passing hole, then secure the fixture brackets to the luminaire body with PWM4x14 screw assemblies.

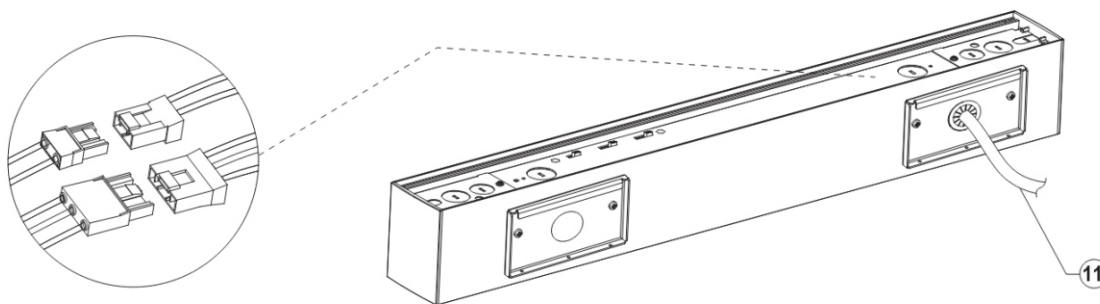


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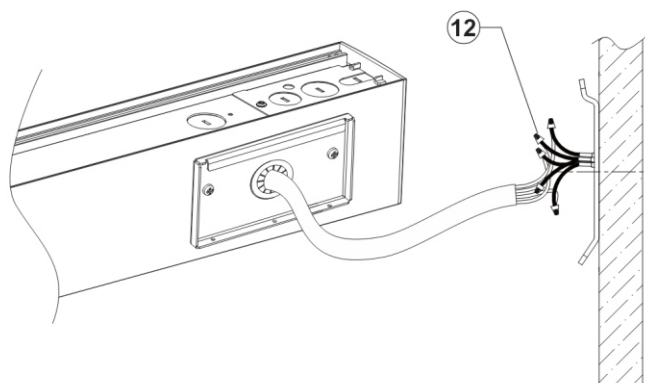
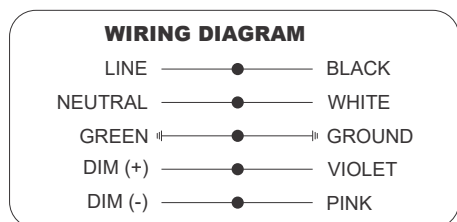
INSTALLATION INSTRUCTIONS

7.0 WALL MOUNT - INSTALLATION

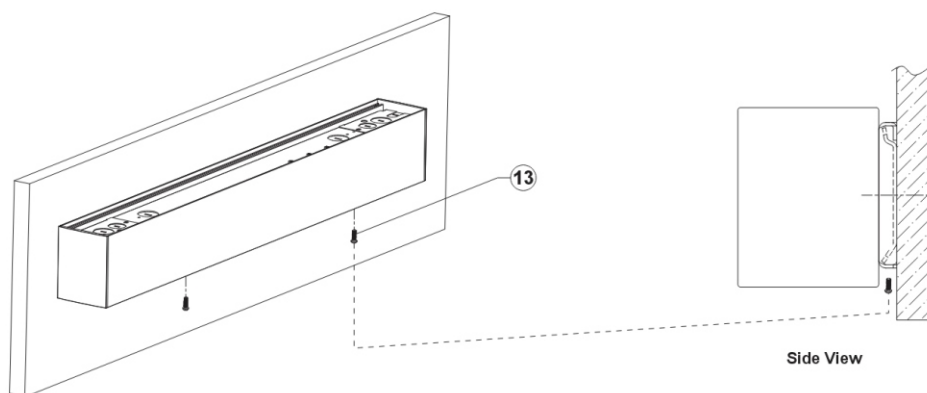
Step 4: Feed the power cord through the grommet, then align and mate the terminals of the power cord with those of the luminaire body. Refit the top cover (with driver) and the wire covers thereafter.



Step 5: Connect the power cord to the mains power supply with wire nuts in accordance with the wiring diagram below.



Step 6: Hang the luminaire (with its fixture brackets pre-attached) onto the wall-mount brackets. Secure the two brackets together with the M3x6 screws. The installation is now complete.

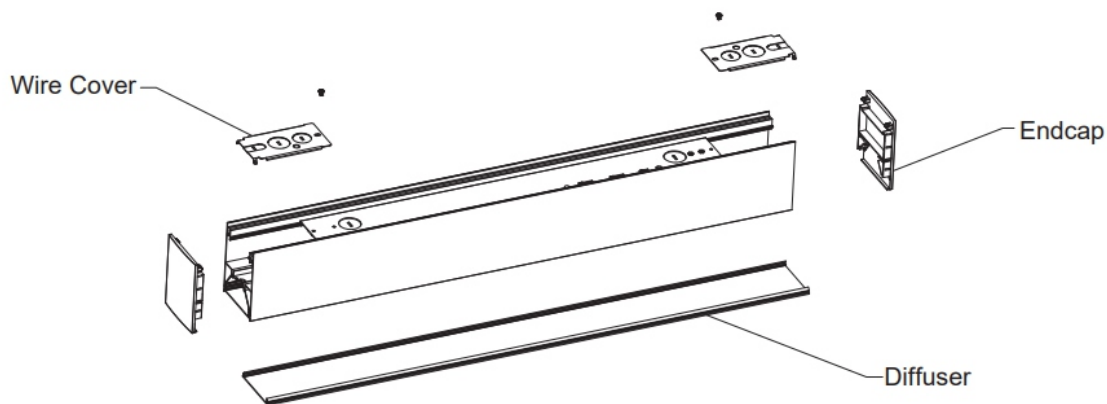


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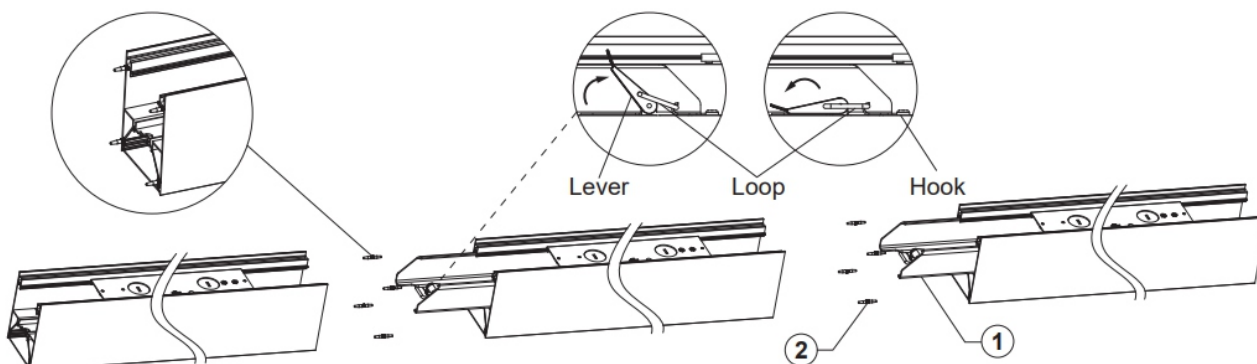
INSTALLATION INSTRUCTIONS

8.0 INSTALLATION INSTRUCTIONS - FIXTURES CONNECTION

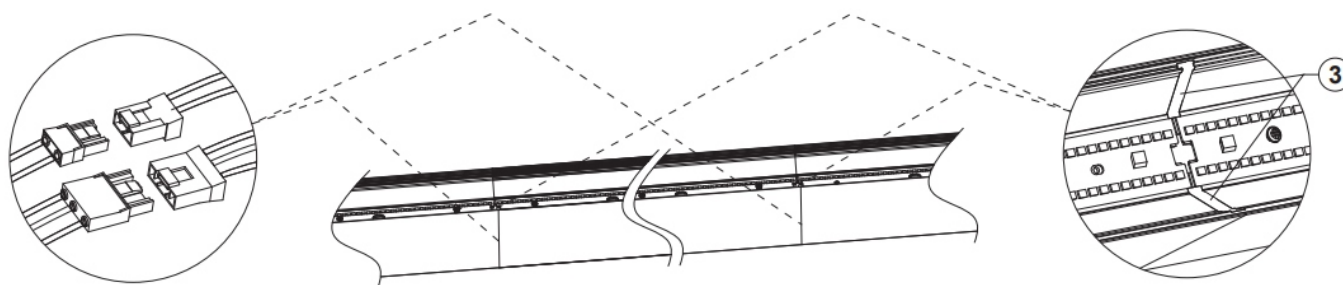
Step 1: Remove the endcaps and wire covers from both ends of the luminaires, along with the diffusers at the bottom.



Step 2: Insert the pins and joiner brackets into the luminaire bodies, then splice the bodies together. Lift the levers from the joiner brackets, bring the loops over to the installed hooks, press down the levers to lock the loops in place.



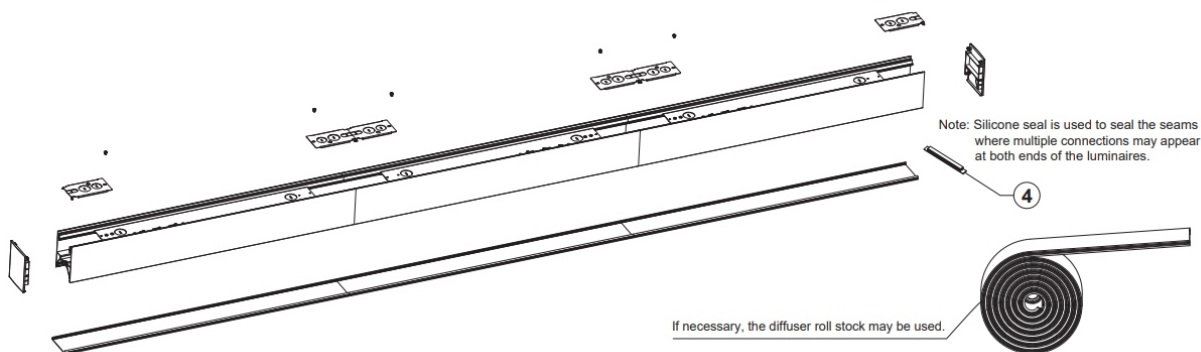
Step 3: Mate the male-female terminals on both sides inside the luminaire bodies. Then, apply the light-shielding paper to the joint gaps between the luminaire bodies.



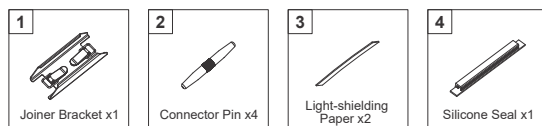
JADEMAR LIGHTING® JADIL-25-CPS SERIES INSTALLATION INSTRUCTIONS

8.0 INSTALLATION INSTRUCTIONS - FIXTURES CONNECTION

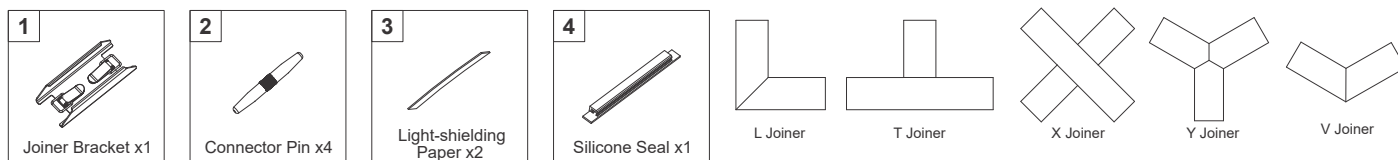
Step 4: Refit all the wire covers, endcaps on both ends, and the diffusers. The installation is now complete.



MULTIPLE FIXTURES CONNECTION

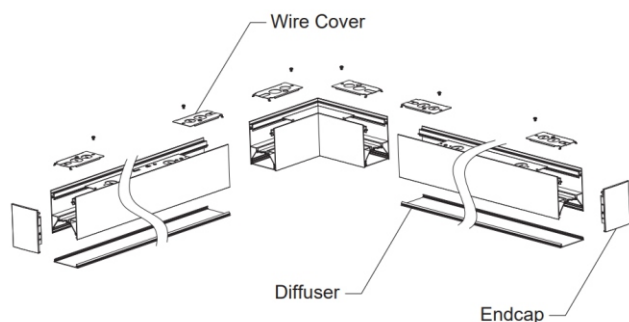


9.0 INSTALLATION INSTRUCTIONS - JOINERS

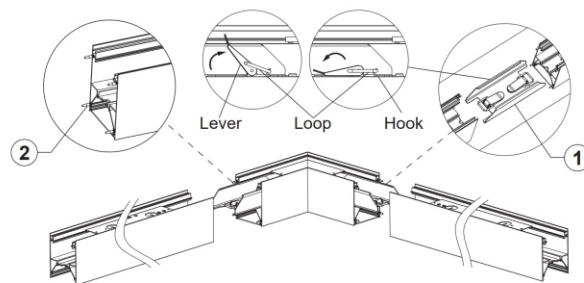


10.0 INSTALLATION INSTRUCTIONS - FIXTURES CONNECTION

Step 1: Remove the endcaps from both ends of the luminaires, along with their wire covers, diffusers and the wire covers of the joiner.



Step 2: Insert the pins and joiner brackets into the ends of the luminaire bodies or joiner, then splice the bodies together. Lift the levers on the joiner brackets, bring the loops over to the installed hooks, press down the levers to lock the loops in place.

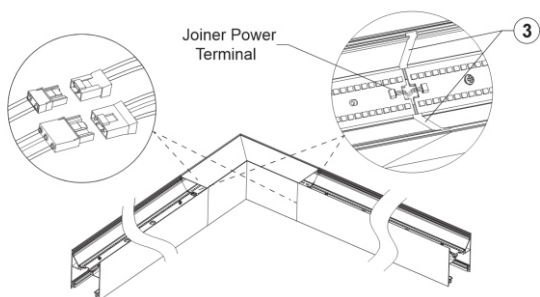


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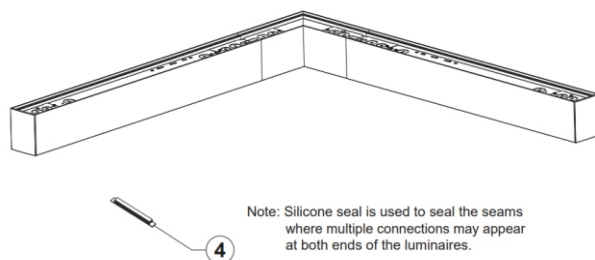
INSTALLATION INSTRUCTIONS

10.0 INSTALLATION INSTRUCTIONS - FIXTURES CONNECTION

Step 3: Mate the male-female terminals on both sides inside the luminaire bodies, then connect the joiner power terminals at the joints. Tuck the 60mm wires into the holes at the joint gaps. Finally, apply the light-shielding paper to the joint gaps between the luminaire bodies and the joiner.

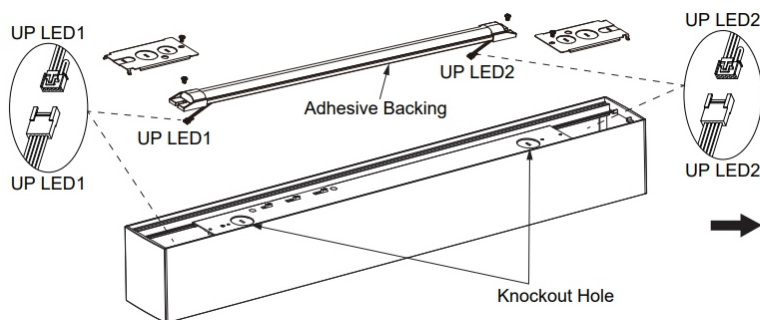


Step 4: Refit all the wire covers, endcaps on both ends, and the diffusers. The installation is now complete.



11.0 INSTALLATION INSTRUCTIONS - UPWARD-EMITTING MODULE

1. Knock out the knockout holes and remove the wire covers.
2. Peel off the adhesive backing paper of the top-emitting module, then attach the module to the luminaire body and secure it with screws.
3. Connect the wires. (For 2ft and 4ft luminaires: Plug in the terminal wires of UP LED1. For 6ft and 8ft luminaires: Plug in the terminal wires of both UP LED1 and UP LED2.) 4. Tuck the wires into the luminaire and refit the wire covers.



Note: For 6ft/8ft luminaires, ensure wires are connected at both ends to the luminaire terminals.

