

# JACKTRACK- FLUSH MOUNT/ Fixed and Floating Canopy

## CAUTION

TURN OFF THE MAIN POWER AT THE CIRCUIT BREAKER BEFORE INSTALLING THE FIXTURE IN ORDER TO PREVENT POSSIBLE SHOCK

IF YOU ARE UNFAMILIAR WITH PROPER ELECTRICAL WIRING CONNECTIONS OBTAIN THE SERVICES OF A QUALIFIED ELECTRICIAN

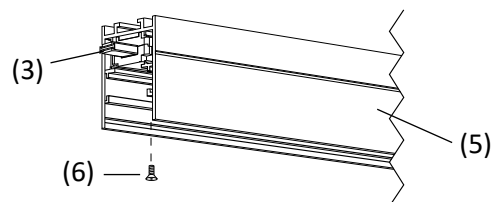
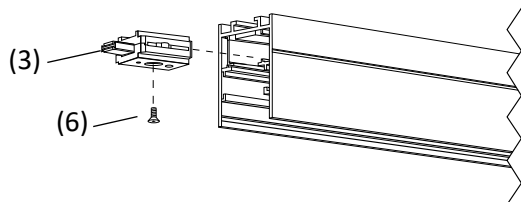
## GENERAL

- Read all instructions carefully for safe operation and installation.
- All electrical connections must be in accordance with local and national electrical code (N.E.C) standards.
- Remove the linear channel(s) and components from their packages and make sure that no parts are missing by referencing the illustrations on the installation instruction. Please contact Blackjack Lighting if any parts are missing or damaged.
- This product is suitable for damp locations.

## PREPARE CHANNEL

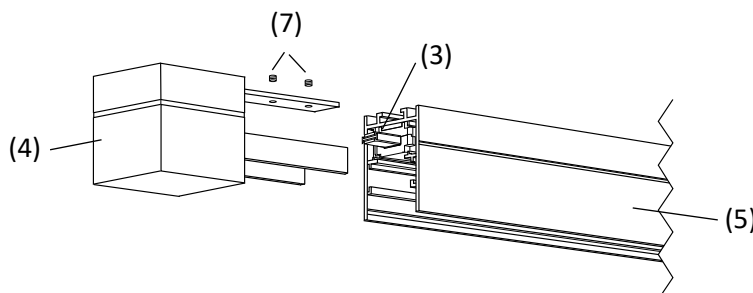
### 1. INSTALL ELECTRICAL CONNECTOR

- Attach connector "A" (3) into the end of the track that will attach to end joiner (4). Push connector "A" (3) into channel (5) until the hole in end of the channel aligns with the hole in connector "A". [Please note; connector "A" will only fit correctly into one end of channel (5)]. Insert flat head screw (6) into connector "A" (3) and into the threaded hole in channel (5). Tighten screw (6) part way but not completely so it does not protrude through the back of channel (5).



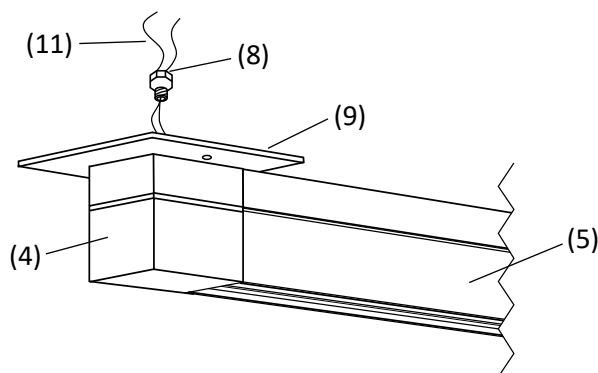
### 2. INSTALL END JOINER

- Loosen both set screws (7) from the tongue of the end joiner (4). Slide the end joiner (4) into the channel (5) until it makes firm contact. While keeping this firmly in contact, tighten both mount screws (7). Turn the channel over and tighten flat head screw (6) until connector "A" (3) is firmly held in place.



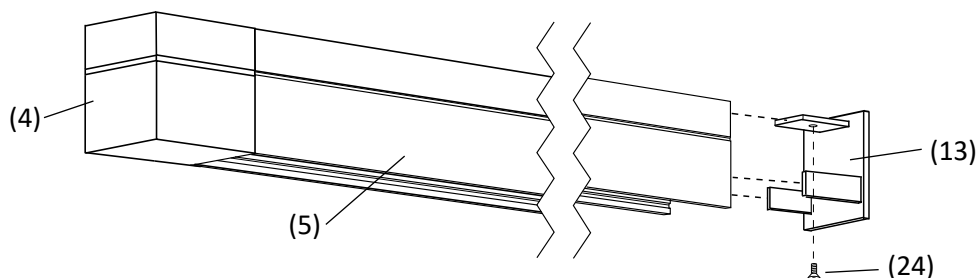
**b. Install the flat junction box cover plate (9) for Flush mount/ fixed canopy only:**

Install the flat junction box cover (9) onto end joiner (4) by threading the low voltage electrical wires (11) through the center mounting hole and then through the threaded hex nipple (8). Tighten the threaded hex nipple (8) firmly into the back of the end joiner (4) until the flat junction box cover plate (9) has its two mounting holes located on either side of the channel, and is aligned parallel with the end joiner.



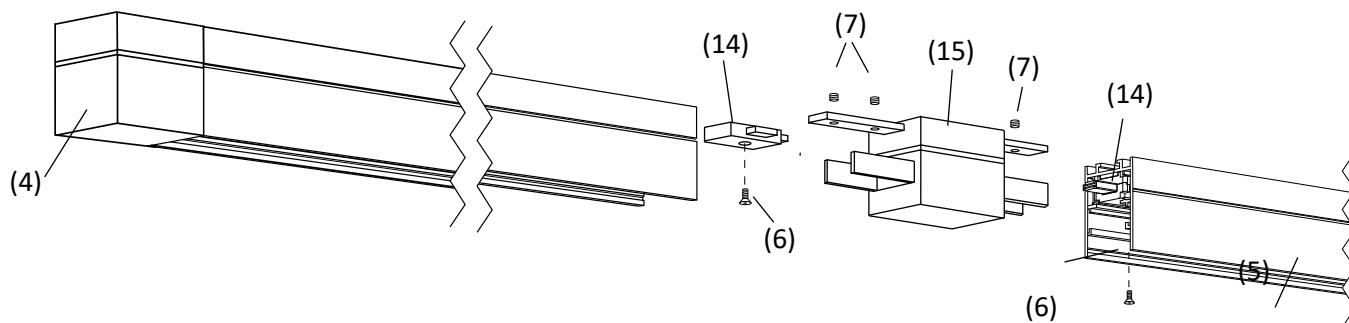
**4A (OPTION 1) PREPARE OPPOSITE END FOR SINGLE CHANNEL INSTALLATIONS**

- For single channel installations install the decorative endcap: (13) by sliding the endcap into the channel (5) and inserting a 5/16" flat head screw (24) into the base of the endcap and through the hole at the end of the channel (5).



**4B (OPTION 2) PREPARE OPPOSITE CHANNEL END FOR EXTERNAL JOINER CONNECTION**

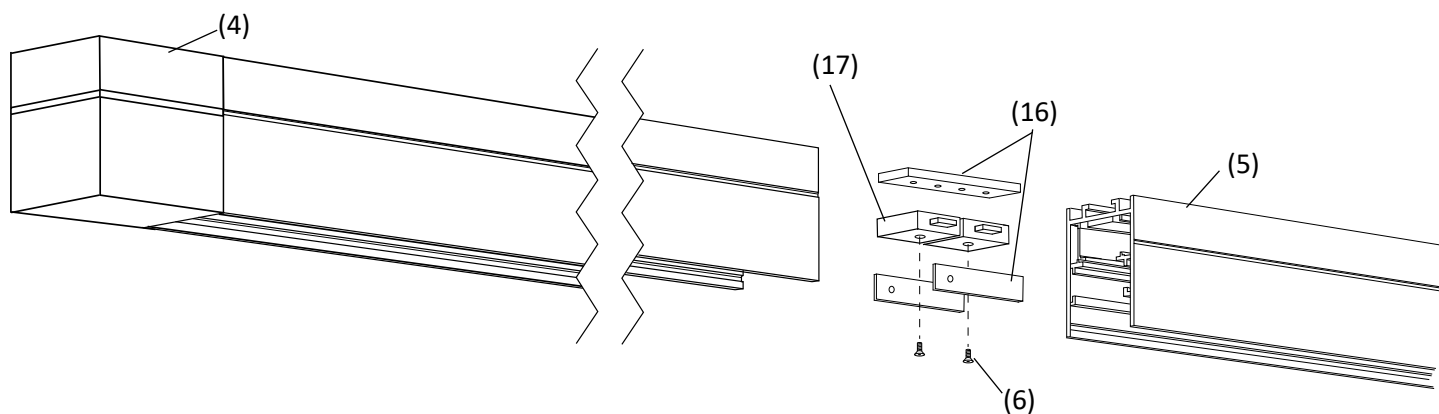
- For connection to additional channel sections (5) with an external joiner either ("L"/ "I"/ "T"/ "X" Joiner) (15):
  - a. **INSTALL CONNECTOR:** Attach connector "B" (14) into the end of the track that will attach to the external joiner (15). Push connector "B" (14) into the channel (5) until the hole in end of the channel aligns with the hole in connector "B". [Please note; connector "B" will only fit correctly into one end of the channel (5)]. Insert a flat head screw (6) into connector "B" and into the threaded hole in Channel (5). Tighten screw (6) part way but not completely so it does not protrude through the back of the channel (5).
  - b. **INSTALL JOINER:** Loosen both set screws (7) from the tongue of the external joiner (15). Slide the external joiner (15) into the channel (5) until it makes firm contact. While keeping the joiner (15) firmly in contact, tighten both of the set screws (7). Turn the channel over and tighten the flat head screw (6) until connector "B" (14) is firmly held in place.



#### 4C (OPTION 3) PREPARE OPPOSITE CHANNEL END FOR INTERNAL JOINER CONNECTION

##### - For connection to additional channel sections (5) with an internal joiner (16)

- a. **INSTALL CONNECTOR:** Attach one end of double connector "C" (17) into the end of the track that will attach to the internal joiner (16). Push double connector "C" (17) into the channel (5) until the hole in the end of channel aligns with the hole in one end of double connector "C". [Please note; connector "C" will only fit correctly into one end of the channel (5)]. Insert a flat head screw (6) into connector "C" (17) and into the threaded hole in Channel (5). Tighten part way but not completely so that the screw does not protrude through the back of the channel.
- b. **INSTALL JOINER:** Slide one top and two side pieces of the internal joiner (16) into the channel (5) and position it with half of the length of each of the three pieces of internal joiner (16) extending out from the end of the channel (5). Tighten the screws from the top piece and the two side pieces of the internal joiner (16) until it mounts firmly in place in the channel (5). Turn the channel over and tighten the flat head screws (6) until connector "C" (17) is firmly held in place.



#### 5A. INSTALL FLUSH BACKPLATE

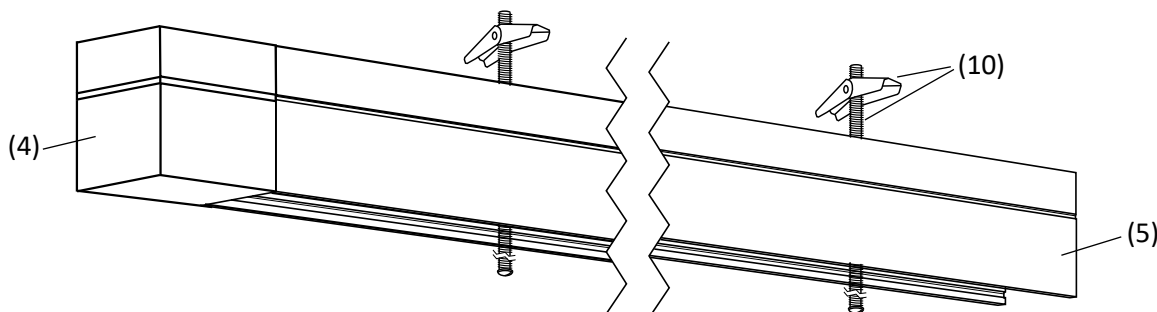
Install the backplate (1) to the junction box (12) with the two supplied mounting screws (27). Make sure the two threaded studs (2) stick out away from the junction box (12) and are positioned to be on either side of channel (5) (when installed).

#### 5B. INSTALL FLOATING BACKPLATE

Remove front canopy cover (19) by loosening the two threaded finials (20). Install the floating canopy backplate (18) to junction box (12) with the two supplied mounting screws (27).

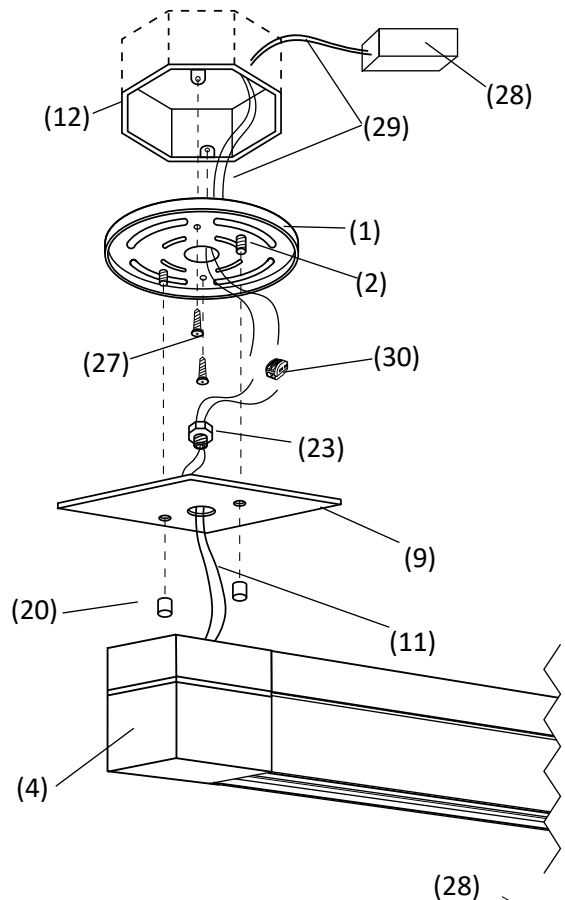
#### 6. MOUNTING CHANNEL TO CEILING

- a. Take the channel (5) with the connected end joiner(s) and temporarily mount them in place against the ceiling allowing the two threaded studs (2) from backplate (1) to go through the holes in the junction box cover (9).
- b. Temporarily hold the assembled channel in place against the ceiling. Place a mark on the ceiling at the selected hole locations on the channel (5). For 23" or 47" length channel (5) select at least two mounting hole locations. For lengths greater than 47" and up to 94" select at least three mounting hole locations. When installed in a continuous row, each individual section of not more than 48" in length shall have an additional support.
- c. Remove the channel (5) with the connected end joiner(s). Use a ceiling anchor (10) rated to support at least 40 pounds at each mounting location (anchor and fastener not included). It is recommended to use a No. 10 (3/16" dia.) toggle bolt ceiling anchor (in sheetrock applications) or a No. 10 (3/16" dia.) round head screw (into a solid surface).



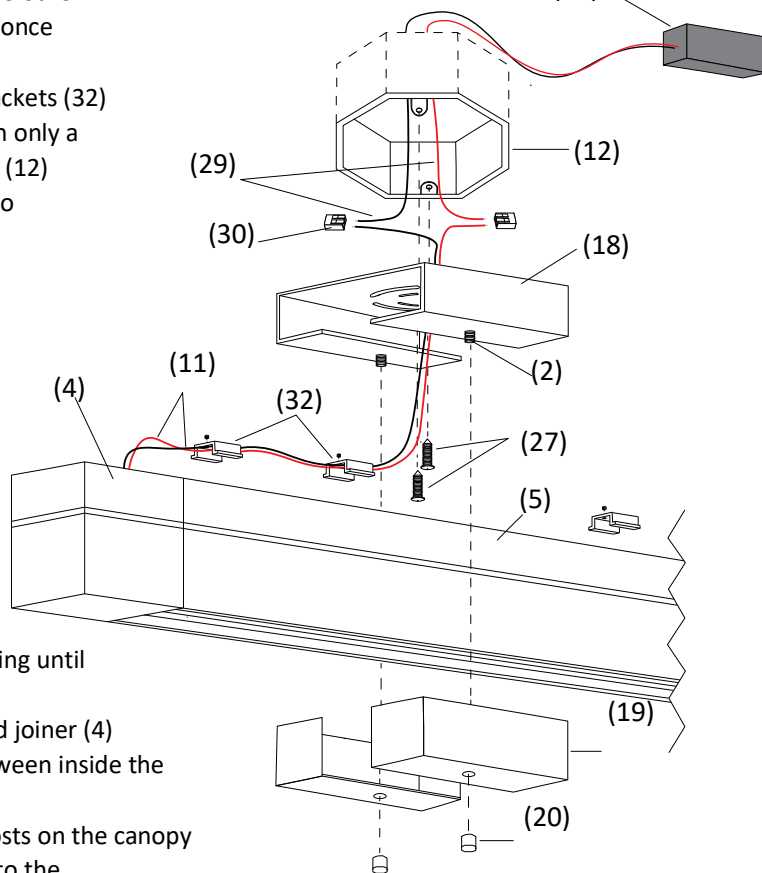
## 7A. CONNECTING ELECTRICITY / FOR FLUSH MOUNT/ FIXED CANOPY

- Attach the low voltage electrical wires (11) coming from the end joiner (4) to the low voltage wires (29) coming thru the junction box (12) and connecting to a remote LED driver (28) using quick connector (30).  
[NOTE: DO NOT CONNECT THE LOW VOLTAGE (24v) ELECTRICAL WIRING (11) COMING FROM THE END JOINER (4) TO A LINE VOLTAGE (120-277v) INPUT FROM THE JUNCTION BOX (12)]
- Place channel (5) and the joiner(s) and align with backplate (1) against the ceiling (Note: Toggle ceiling anchors (10) should be inserted into channel (5) and into ceiling before placing the channel up to the ceiling). Once channel (5) is in place, tighten the selected fastener to the ceiling until the channel is firmly positioned against the ceiling.
- Install the two finials (20) holding the junction box cover plate (9) to the backplate (1).



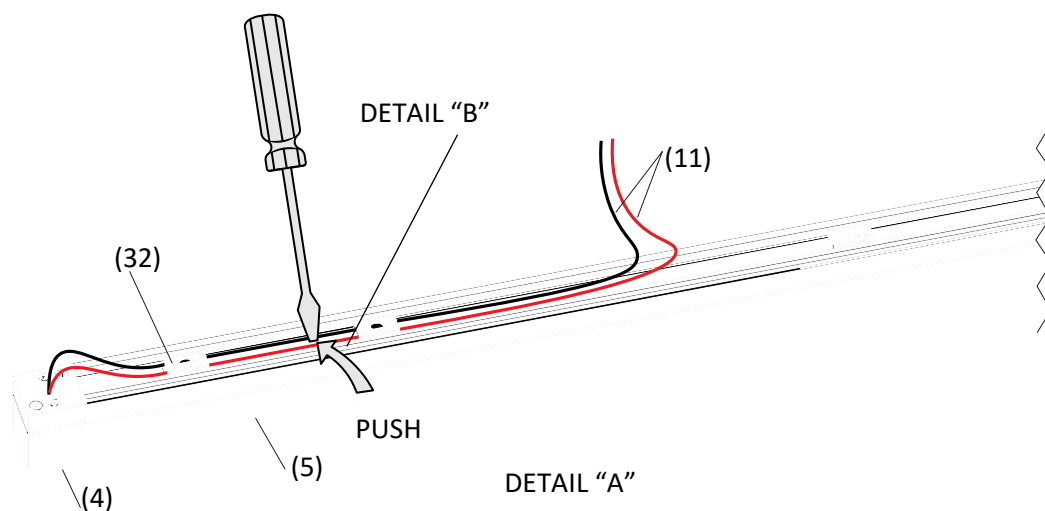
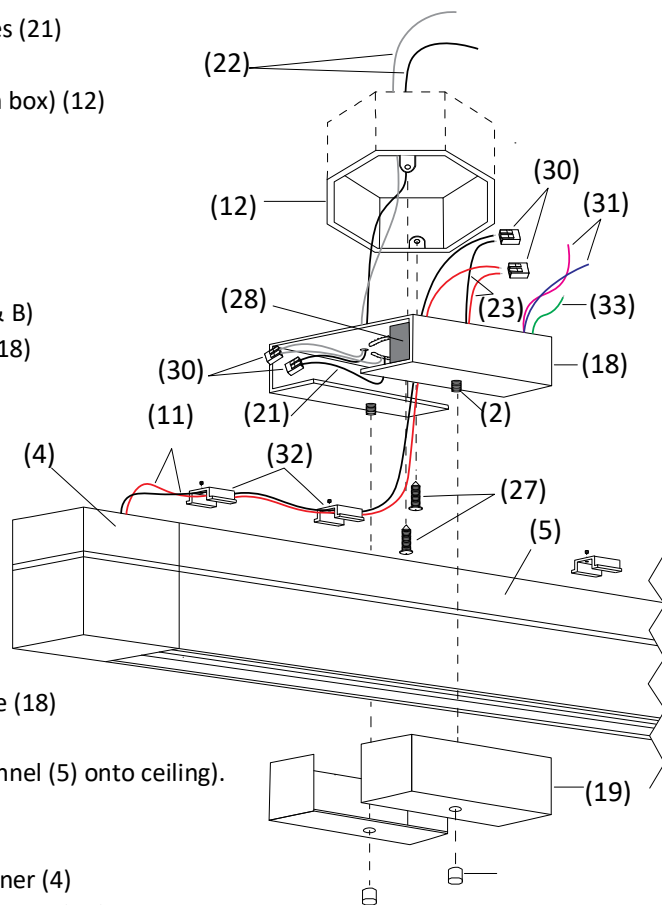
## 7B. CONNECTING ELECTRICITY FOR REMOTE MOUNTED DRIVER WITH FLOATING CANOPY

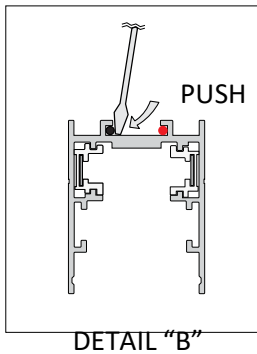
- Pull the low voltage electrical wires (29) coming through the junction box (12) through the back of the floating canopy backplate (18).
- Insert mounting brackets (32) in the rear of channel (5) to retain the loose wire between end joiner (4) to floating canopy backplate (18). Also insert one or two mounting brackets (32) as spacers on the other side of the floating canopy to allow the channel (5) to be level once attached to the ceiling.
- Feed the two low voltage wires (11) through the mounting brackets (32) and cut the two wires to the proper length so it will fit with only a small amount of slack when connected inside the junction box (12) above the floating canopy (18). Push low voltage wires (11) into lip in extrusion (5) with tip of screwdriver (see detail A & B).
- Using quick connectors (30) connect the low voltage wire (11) to low voltage wire (29) coming from remote driver (28). Push extra wire and quick connector into junction box (12).  
[NOTE: DO NOT CONNECT THE LOW VOLTAGE (24v) ELECTRICAL WIRING (11) COMING FROM THE END JOINER (4) TO ANY LINE VOLTAGE (120-277v) INPUT WIRES FROM THE JUNCTION BOX (12)]
- Take channel (5) with attached joiner(s) and align it with backplate (18) against the ceiling. Mark hole locations on ceiling for fasteners. (See step # 6 and use required ceiling anchors (10) to support channel (5) onto ceiling). Once channel (5) is in place, tighten the selected fastener to the ceiling until the channel is firmly in place.
- Make sure that the low voltage wire (11) running between end joiner (4) and into floating canopy cover (18) is retained completely between inside the rear of channel (5) and the ceiling (see Detail A & B).
- Align the holes in the canopy covers (19) over the threaded posts on the canopy backplate (18). Then tighten the two decorative finials (20) onto the two threaded posts to secure them together.



## 7C. CONNECTING ELECTRICITY FOR INTEGRAL MOUNTED DRIVER WITH FLOATING CANOPY

- a. Place the low voltage electrical wires (23) the 0- 10V diming wires (31) and the ground wire (33) from the driver (28) into the junction box (12).
- b. Inside the floating canopy backplate (18) Attach the line voltage electrical wires (22) from the junction box to the line voltage wires (21) from the driver (28) using connectors (30)
- c. Optionally, attach the 0-10V dimming wires, (if present in junction box) (12) to 0-10v dimming wires (31) from the driver (28).
- d. Insert mounting brackets (32) in the rear of channel (5) to retain the loose wire between end joiner (4) to floating canopy backplate (18). Also insert one or two mounting brackets (32) as spacers on the other side of the floating canopy to allow the channel (5) to be level once attached to the ceiling. (see detail A & B)
- e. Feed the two low voltage wires (11) through the floating canopy (18) and cut the two the wires to the proper length so it will fit with only a small amount of slack when connected inside the floating canopy (18)
- f. Using quick connectors (30) connect the low voltage wire (11) to low voltage wire (23) coming from integral driver (28).  
[NOTE: DO NOT CONNECT THE LOW VOLTAGE (24v) ELECTRICAL WIRING (11) COMING FROM THE END JOINER (4) TO ANY LINE VOLTAGE (120-277v) INPUT WIRES FROM THE JUNCTION BOX (12)]
- g. Take channel (5) with attached joiner(s) and align it with backplate (18) against the ceiling, mark hole locations on ceiling for fasteners. (See step # 6 and use required ceiling anchors (10) to support channel (5) onto ceiling). Once channel (5) is in place, tighten the selected fastener to the ceiling until the channel is firmly in place.
- h. Make sure that the low voltage wire (11) running between end joiner (4) and into floating canopy cover (18) is retained completely between inside the rear of channel (5) and the ceiling (see Detail A & B)
- i. Align the holes in the canopy covers (19) over the threaded posts on the canopy backplate (18). Then thread and tighten the two decorative finials (20) onto the two threaded posts to secure them together.





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|---------------------------------------|--|
| 1. BACKPLATE                          | 17. DOUBLE CONNECTOR "C"                 |
| 2. THREADED STUDS                     | 18. FLOATING CANOPY BACKPLATE            |
| 3. CONNECTOR "A"                      | 19. FLOATING CANOPY FRONT COVER          |
| 4. END JOINER                         | 20. DECORATIVE FINIALS                   |
| 5. CHANNEL                            | 21. LINE VOLTAGE WIRES FROM DRIVER       |
| 6. FLAT HEAD SCREW                    | 22. LINE VOLTAGE WIRES FROM JUNCTION BOX |
| 7. JOINER SET SCREWS                  | 23. LOW VOLTAGE WIRES FROM DRIVER        |
| 8. THREADED HEX NIPPLE                | 24. END CAP SCREW                        |
| 9. JUNCTION BOX COVER PLATE           | 25. DRIVER                               |
| 10. CEILING ANCHOR (by others)        | 26. END CAP SCREW                        |
| 11. LOW VOLTAGE WIRES FROM END JOINER | 27. MOUNTING SCREWS                      |
| 12. JUNCTION BOX                      | 28. DRIVER                               |
| 13. DECORATIVE END CAP                | 29. LOW VOLTAGE WIRES FROM REMOTE DRIVER |
| 14. CONNECTOR "B"                     | 30. QUICK CONNECTOR                      |
| 15. EXTERNAL JOINER                   | 31. 0-10V DIMMING WIRES FROM DRIVER      |
| 16. INTERNAL JOINER                   | 32. MOUNTING BRACKET                     |
|                                       | 33. Ground Wire                          |