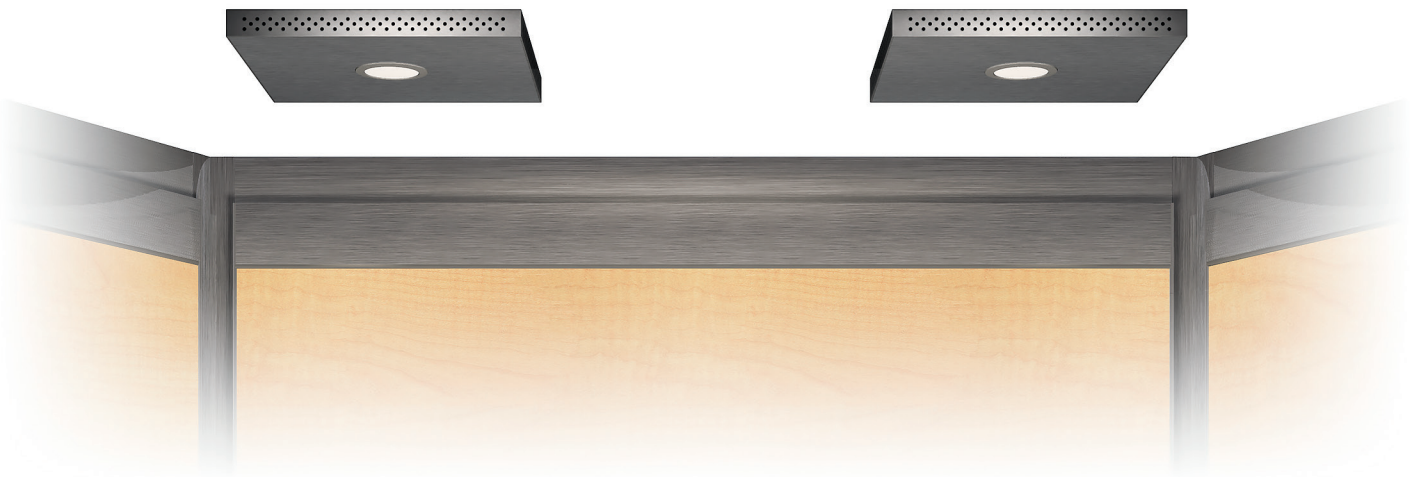# ECR™

SLIM-LINE
CEILING

MODEL:
ASPEN
ALPINE
APEX

INSTALLATION
INSTRUCTIONS

TOOLS REQUIRED

- Measuring Tape
- Drill
- Ladder
- 3" Paint Brush and latex paint for painting the canopy (If required)

SECTION 1: UNPACKING

1.1.   When your new Slim-line Ceiling(s) arrive, transport it near to the cab you will be renovating and organize the crates so that they will be easily accessible.

The crates contents are itemized on its surface.

1.2.   Carefully un-crate the ceiling package, making sure that none of the components are damaged.

1.3.   Check the colours, features, and dimensions of the components against your order before you begin removing the existing elevator interior.

If you have any questions at this point, contact ECR before going ahead with any part of the installation.

For technical support on the Slim-line Ceiling installation, please contact us at:

Elevator Cab Renovations

Office: (613) 745-4870

Toll Free: 1-877-745-4870

ecr@elevatorcabs.ca

Office Hours : 6:30 AM to 3:30 PM Eastern Standard Time

SECTION 2: PREPARE FOR THE CEILING INSTALLATION

2.1.   Depending on the model chosen, you will have to install up to three light panel assemblies. Locate the positions on the canopy that the assemblies are to be installed (you may refer to included drawings or orient them as you deem most efficient).

2.2.   Prepare canopy surface to accept new Slim-line Ceiling(s) by completing one of the following options:

    a)   Sand, clean and re-paint the canopy with a desired color (white is typical for this type of application

    b)   If the canopy is in good condition, a simple cleaning may be all that is required

    c)   Clad the ceiling with new materials (if requested the materials will be included with the Slim-line Ceiling(s)

PAINT, CLEAN OR RE-CLAD CANOPY
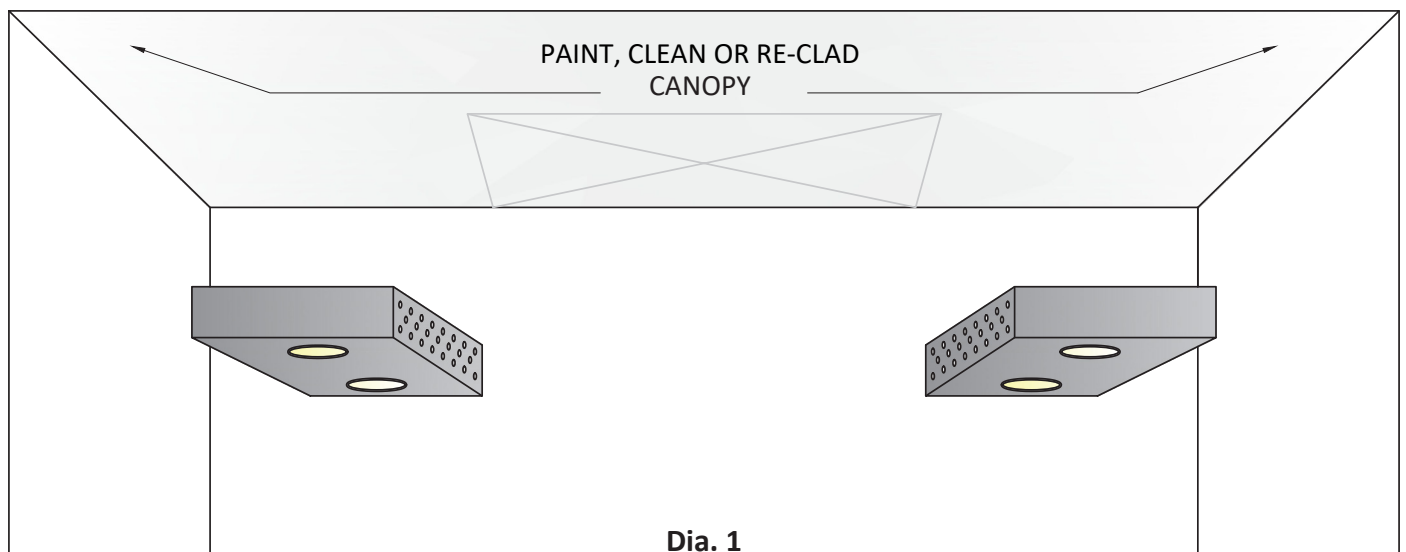
Dia. 1
Canopy preparation (Alpine assemblies shown).

2.3.   An electrical utility box must be mounted on top of the cab above each of the light assemblies. The utility box will house the connections of the 110 V "in" from the car top to the 110 V "out" to the power supplies for each light assembly (Dia. 2).
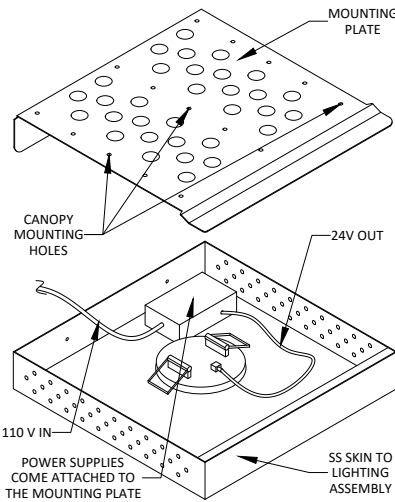

ELECTRICAL UTILITY BOX

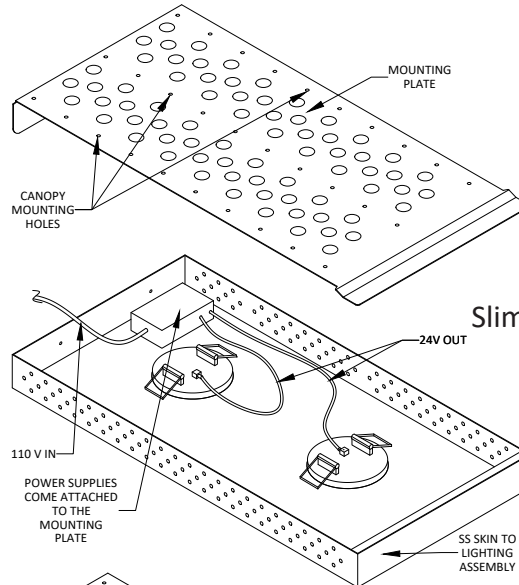110 V IN

CAR TOP
ACCESS HATCH
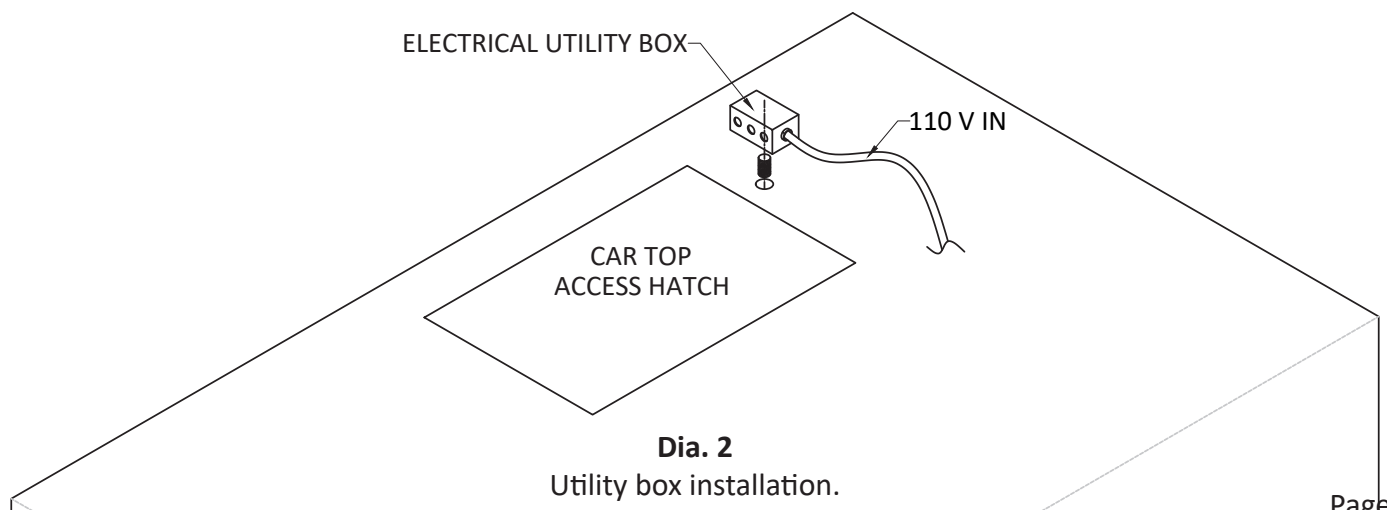
Dia. 2
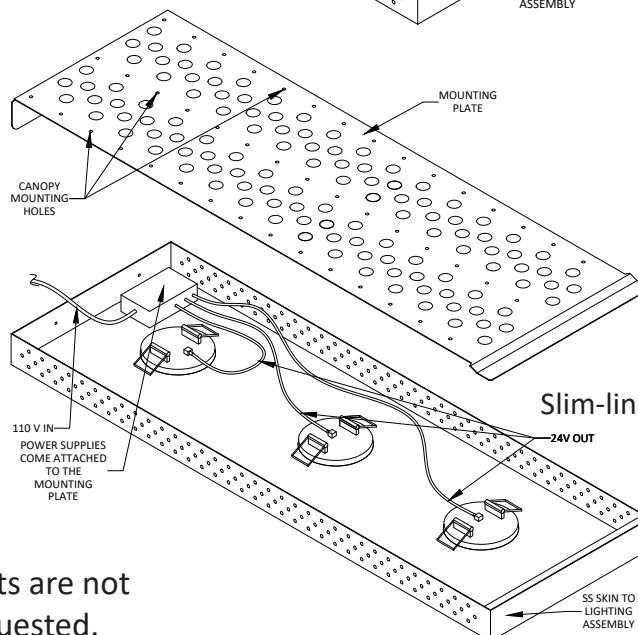Utility box installation.

SECTION 3: INSTALL SLIM-LINE CEILING

3.1.   Each Slim-line Ceiling comes in two pieces: the mounting plate and the stainless steel skin with a lighting assembly (Dia. 3 through 5).

MOUNTING PLATE

CANOPY MOUNTING HOLES

24V OUT

110 V IN

POWER SUPPLIES COME ATTACHED TO THE MOUNTING PLATE

SS SKIN TO LIGHTING ASSEMBLY

Dia. 3
Slim-line Aspen skin and substrate.

MOUNTING PLATE

CANOPY MOUNTING HOLES

24V OUT

110 V IN

POWER SUPPLIES COME ATTACHED TO THE MOUNTING PLATE

SS SKIN TO LIGHTING ASSEMBLY

Dia. 4
Slim-line Alpine skin and substrate.

MOUNTING PLATE

CANOPY MOUNTING HOLES

110 V IN

POWER SUPPLIES COME ATTACHED TO THE MOUNTING PLATE

24V OUT

Dia. 5
Slim-line Apex skin and substrate.

SS SKIN TO LIGHTING ASSEMBLY

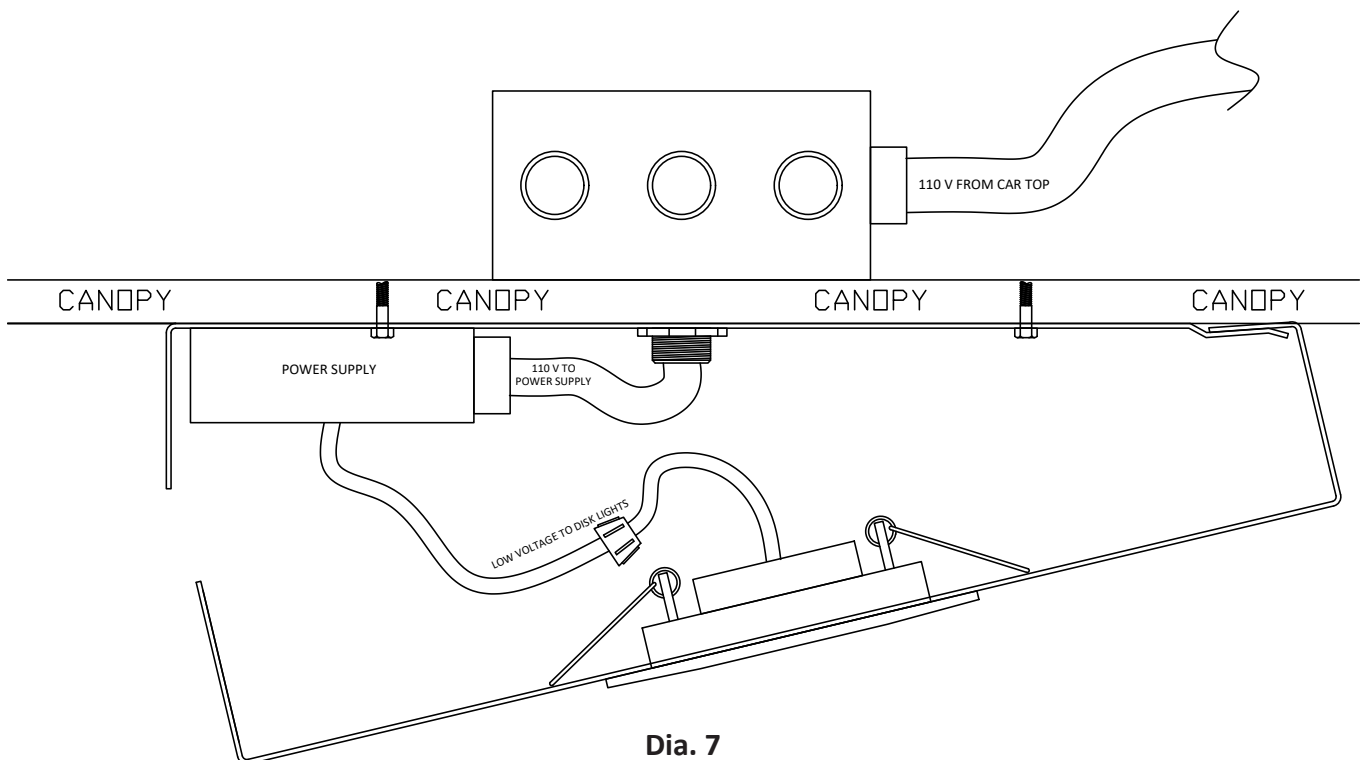Note: Slim line accents are not dimmable unless requested.

3.2.   Ensure the canopy has been prepped for installation (refer to section 2). Install the mounting plate directly to the canopy through the pre-punched fastener holes (1/4 - 20 nuts and bolts provided). Ensure the substrate sits flat against the canopy (Dia. 6).

3.3.   Connect the 110 V line from the car top to the 110 V inside the utilitly box mounted in section 2 (Dia. 6). Subsequentially connect the low voltage line(s) to the disk light(s).

110 V FROM CAR TOP

CANOPY   CANOPY   CANOPY   CANOPY

POWER SUPPLY   110 V TO POWER SUPPLY

LOW VOLTAGE TO DISK LIGHTS
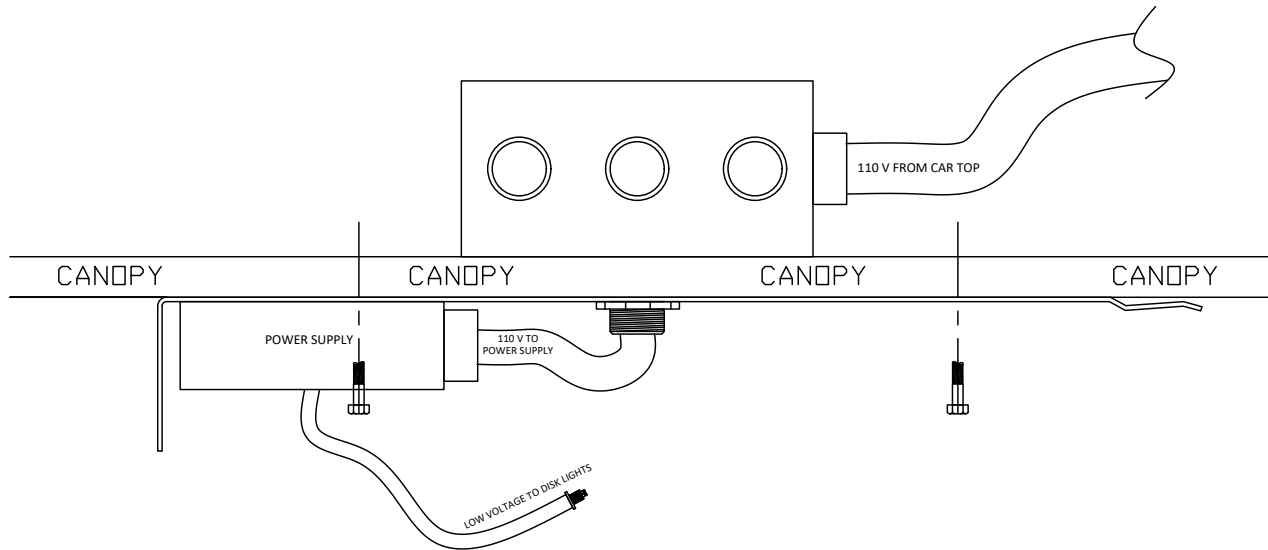
Dia. 6
Installing mounting plate to canopy (Aspen assembly shown).

3.4.   Hinge the bent-back side of the skin onto the offset tab of the mounting plate (Dia. 7); continue to hinge the skin around the tab until the skin rests against the canopy (Dia. 8).
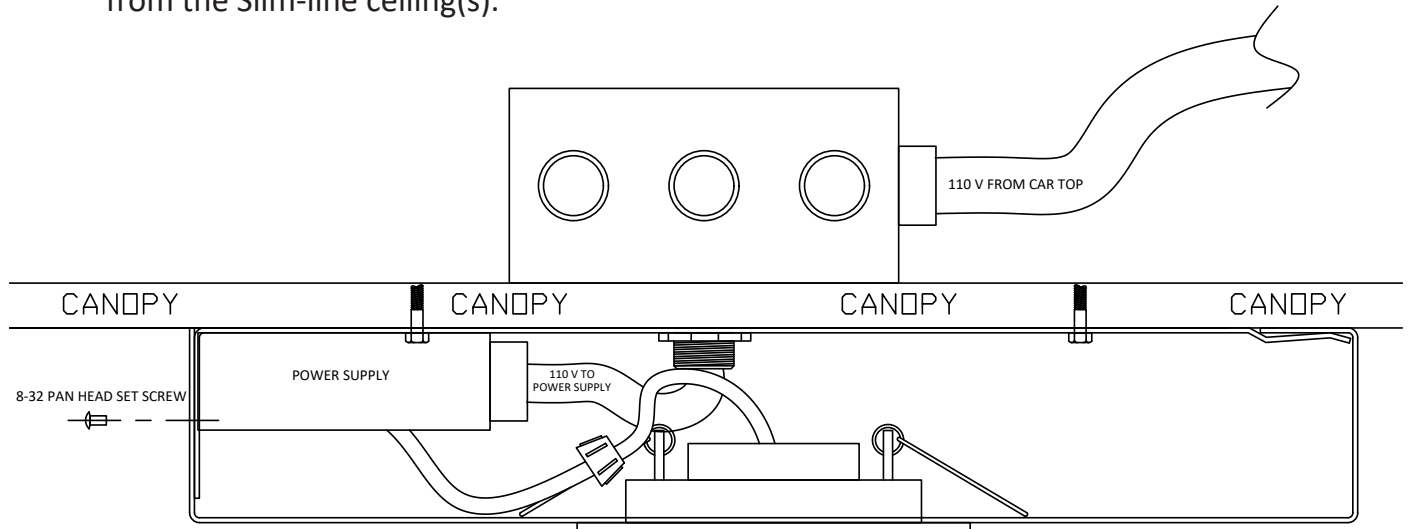

110 V FROM CAR TOP

CANOPY   CANOPY   CANOPY   CANOPY

POWER SUPPLY   110 V TO POWER SUPPLY

LOW VOLTAGE TO DISK LIGHTS

Dia. 7
Hinge skin on substrate (Aspen assembly shown).

3.5.   Fasten the skin in place through the pre-punched holes in the skin and mounting plate using the 8-32 pan head screws provided (Dia. 8). Remove any remaining protective coverings from the Slim-line ceiling(s).

Dia. 8
Secure skin to substrate (Aspen assembly shown).
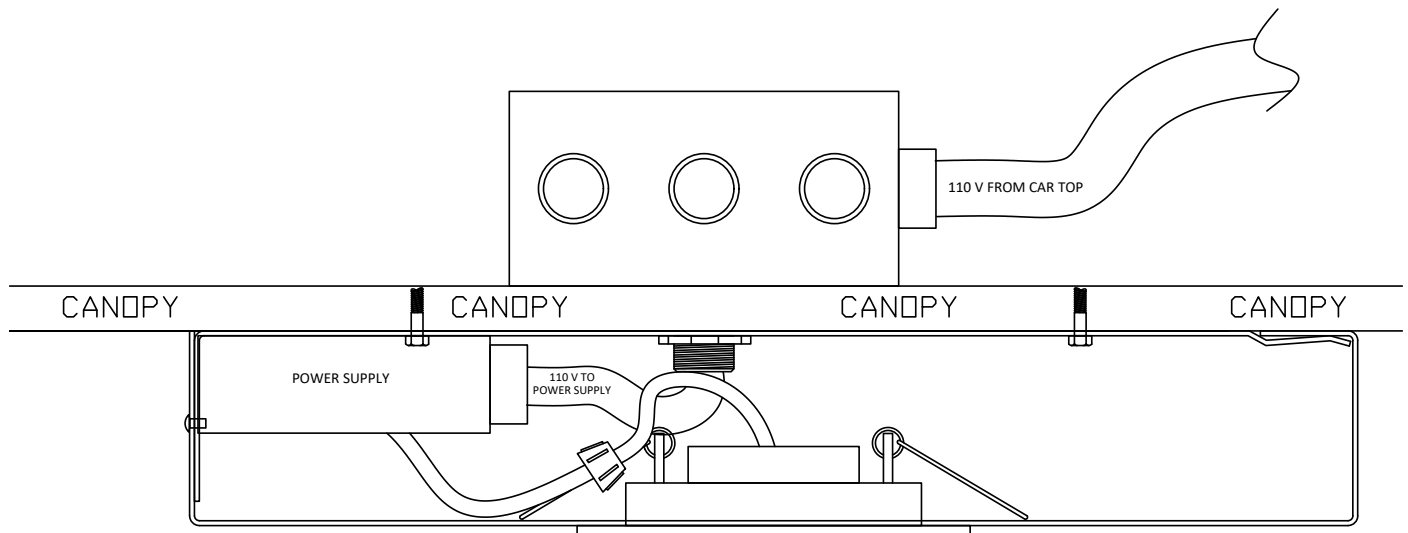
Dia. 9
Slim-line Ceiling installed (Aspen assembly shown).

Canopy:

The roof of the cab.

The top structural component of the shell.

The canopy houses the emergency hatch.

The canopy may have various electrical and mechanical components attached to its surfaces, both interior and exterior.

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